

## Всички цитати

- **Звено: ( ИББИ ) Институт по биофизика и биомедицинско инженерство**
- **Година: 2017 ÷ 2017**
- **Тип записи: Записи, които влизат в отчета на звеното**

Брой цитирани публикации: 649

Брой цитиращи източници: 2964

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1983

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1. **Atanassov, K. T.**. Intuitionistic fuzzy sets. VII ITKR Session, Sofia (Deposited in Central Science-Technical Library of Bulgarian Academy of Sciences 1697/84) (in Bulgarian), 1983

Цитира се в:

1. Çuvalcıoğlu, G., Sinem Tarsuslu (Yılmaz). Universal algebra in intuitionistic fuzzy set theory. "Notes on IFS", Volume 23, 2017, Number 1, pages 1—5, @2017
2. Vaithiyalingam, K. Weakly pi-generalized closed in an intuitionistic fuzzy topological space. PhD thesis, Post Graduate and Research Department of Mathematics, SRI Vasavi College, Erode, India, 2017., @2017
3. ФА Гулиева, Пространство Коэффициентов в Интуионистик Метрическом Пространстве. Критерий Базисности, Journal of Contemporary Applied Mathematics, Vol 7, No 1, 2017. ISSN: 2222-5498, @2017
4. Muthuraj, R., M. Sornavalli and M. Jeyaraman. Common coupled fixed point theorems in generalized intuitionistic fuzzy metric spaces. "Notes on IFS", Volume 23, 2017, Number 1, pages 57—69, @2017
5. Oscar Castillo, Eduardo Ramirez and Olympia Roeva. Water cycle algorithm augmentation with fuzzy and intuitionistic fuzzy dynamic adaptation of parameters . "Notes on IFS", Volume 23, 2017, Number 1, pages 79—94, @2017
6. Vassilev, P. On similarly structured intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 13—16, @2017
7. Tarsuslu (Yılmaz), Sinem and Yelda Yorulmaz. H-Intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 17—23, @2017
8. Çuvalcıoğlu, G., M. Çitil, E. Demirbaş. On intuitionistic fuzzy hyperstructure with T-norm. "Notes on IFS", Volume 23, 2017, Number 2, pages 24—31, @2017
9. El Allaoui, A., S. Melliani, Y. Allaoui and L. S. Chadli. Averaging of intuitionistic fuzzy differential equations. "Notes on IFS", Volume 23, 2017, Number 2, pages 44—54, @2017
10. El Allaoui, A., S. Melliani and L. S. Chadli. Complex intuitionistic fuzzy evolution equations. "Notes on IFS", Volume 23, 2017, Number 2, pages 55—68, @2017
11. Patricia Melin, Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
12. Zaharieva, Bistra, Lyubka Doukovska, Simeon Ribagin and Irina Radeva. InterCriteria approach to Behterev's disease analysis. "Notes on IFS", Volume 23, 2017, Number 2, pages 119—127, @2017
13. Bistra Zaharieva, Lyubka Doukovska, Simeon Ribagin, Alžbeta Michalíková and Irina Radeva. InterCriteria Analysis of Behterev's kinesitherapy program. "Notes on IFS", Volume 23, 2017, Number 3, pages 69—80, @2017
14. Tarsuslu (Yılmaz), S., G. Çuvalcıoğlu and Y. Yorulmaz. Relations between some IF modal operators and IF negations. "Notes on IFS", Volume 23, 2017, Number 4, pages 31—39, @2017
15. Ettoussi, R., S. Melliani and L. S. Chadli. Differential equation with intuitionistic fuzzy parameters. "Notes on IFS", Volume 23, 2017, Number 4, pages 46—61, @2017
16. Tarsuslu (Yılmaz), S., M. Çitil, E. Demirbaş and M. Aydın. Some modal operators with intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 20—28, @2017
17. Singhal, N., SP Sharma, Availability Analysis of the Butter Oil Processing Plant Using Intuitionistic Fuzzy Differential Equations, Proceedings of Sixth International Conference on Soft Computing for Problem Solving, pp 342-352, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 546), 2017, @2017

2. **Atanassov, Krassimir**, Stoeva, Stefka. Intuitionistic fuzzy sets. Proc. of Polish Symposium on Interval and Fuzzy Mathematics, Poznan, 1983, 23-26

Lumupa ce e:

18. Bakhadach, I., S. Melliani and L. S. Chadli. On intuitionistic fuzzy implications. "Notes on IFS", Volume 23, 2017, Number 5, pages 7—19, @2017  
19. Haydar Eş, A., A note on intuitionistic fuzzy almost P-spaces. "Notes on IFS", Volume 23, 2017, Number 1, pages 48—56, @2017

---

## 1984

---

3. **Atanassov, Krassimir**, Stoeva, Stefka. Intuitionistic L-fuzzy sets. Cybernetics and Systems Research, 2, 1984, 539-540

Lumupa ce e:

20. Haydar Eş, A., A note on intuitionistic fuzzy almost P-spaces. "Notes on IFS", Volume 23, 2017, Number 1, pages 48—56, @2017

4. **Atanassov K.** Theory of Generalized Nets (An algebraic aspect). Advances in Modelling & Simulation, 1, 2, AMSE Press, 1984, 27-33

Lumupa ce e:

21. Ikonov, N., GNDraw – Software Application for Creating Generalized Nets, Issues in IFSs and GNs, Vol. 13, 2017, 61–71., @2017  
22. Ikonov, N., P.Vassilev, S. Ribagin, Simulation of Generalized Nets by using GNDraw, Issues in IFSs and GNs, Vol. 13, 2017, 72–84., @2017

---

## 1985

---

5. **Atanassov, K. T.**, Atanassova, L. C., Sasselov, D.. A new perspective to the generalization of the Fibonacci sequence. The Fibonacci Quarterly, 23, 1, 1985, 21-28. SJR:0.391

Lumupa ce e:

23. Godase, A. D. Recurrent formulas of the generalized Fibonacci sequences of third & fourth order. Indian Journal in Number Theory, 2017, 103-110., @2017  
24. Godase, Ashok Dnyandeo; Macchindra Dhakne. IDENTITIES FOR MULTIPLICATIVE COUPLED FIBONACCI SEQUENCES OF RT H ORDER. Journal of New Theory, 2017, Number 15, 48-60. ISSN: 2149-1402, @2017  
25. Dhakne, M. B., A. D. Godase. Properties of k-Fibonacci sequence using matrix method. MAYFEB Journal of Mathematics, Vol 1 (2017), 11-20., @2017

---

## 1986

---

6. **Atanassov, K. T.** Intuitionistic fuzzy sets. Fuzzy sets and Systems, 20, 1, Elsevier, 1986, 87-96. ISI IF:1.986

Lumupa ce e:

26. Liu, P., L. Zhang, An extended multiple criteria decision making method based on neutrosophic hesitant fuzzy information, Journal of Intelligent & Fuzzy Systems, Vol. 32, No 6, pp 4403-4413, 2017. DOI: 10.3233/JIFS-16136, @2017  
27. Joshi, R., S. Kumar, A New Intuitionistic Fuzzy Entropy of Order- $\alpha$  with Applications in Multiple Attribute Decision Making, Proceedings of Sixth International Conference on Soft Computing for Problem Solving, pp 212-219, 2017, @2017

28. Vassilev P., Intuitionistic Fuzzy Sets Generated by Archimedean Metrics and Ultrametrics, Recent Contributions in Intelligent Systems. Studies in Computational Intelligence, Part of the Studies in Computational Intelligence book series (SCI), ( Sgurev V., Yager R., Kacprzyk J., Atanassov K., Eds) , vol 657, pp 339-378, 2017, @2017
29. Arkan, T., S. Onar, D. Sonmez, B. Ersoy, INTUITIONISTIC FUZZY WEAKLY PRIME IDEALS, Journal of Hyperstructures, 6 (Spec. 13th AHA), pp 83-92, 2017. ISSN: 2322-1666 eISSN: 2251-8436, @2017
30. Ye, J., Single-valued neutrosophic clustering algorithms based on similarity measures, Journal of Classification, Vol. 34, Issue 1, pp 148–162, 2017, @2017
31. Luo, X., X. Wang, Extended VIKOR Method for Intuitionistic Fuzzy Multiattribute Decision-Making Based on a New Distance Measure, Mathematical Problems in Engineering, Volume 2017, Article ID 4072486, 16 pages, 2017, @2017
32. Jamkhaneh, E., A. Ghara, FOUR NEW OPERATORS OVER THE GENERALIZED INTUITIONISTIC FUZZY SETS, Journal of New Theory, Number 18, pp 12-21, 2017, @2017
33. Hamouda, E., ON SOME IDEALS OF INTUITIONISTIC FUZZY POINTS SEMIGROUPS, Journal of new theory, Number 16, pp 19-26, 2017, @2017
34. Ren, H., H. Chen, W. Fei, D. Li, A MAGDM method considering the amount and reliability information of interval-valued intuitionistic fuzzy sets, International Journal of Fuzzy Systems, Vol. 19, Issue 3, pp 715–725, 2017, @2017
35. Abry, M., J. Zanjani, AN INDUCTIVE FUZZY DIMENSION, Journal of Algebraic Systems, Article 2, Vol. 5, Issue 1, pp 15-25, 2017. DOI: 10.22044/JAS.2017.995, @2017
36. Arockiarani, I., Entropy Measures on Neutrosophic Soft Sets and Its Application in Multi Attribute Decision Making, World Academy of Science, Engineering and Technology, International Journal of Mathematical and Computational Sciences, Vol. 11, No 4, pp 144-148, 2017, @2017
37. Rouyendegh, B., The Intuitionistic Fuzzy ELECTRE model, International Journal of Management Science and Engineering Management, pp 1-7, 2017, @2017
38. Dhivya, J., B. Sridevi, SINGLE VALUED NEUTROSOPHIC EXPONENTIAL SIMILARITY MEASURE FOR MEDICAL DIAGNOSIS AND MULTI ATTRIBUTE DECISION MAKING, International Journal of Pure and Applied Mathematics, Vol. 116, No. 12, 157-166, 2017. doi: 10.12732/ijpam.v116i12.17, @2017
39. Blanco-Mesa, F., J. Merigó, Fuzzy decision making: A bibliometric-based review, Journal of Intelligent & Fuzzy Systems, Vol. 32, No 3, pp 2033-2050, 2017. DOI: 10.3233/JIFS-161640, @2017
40. Sujatha, L., J. Hyacinta, The Shortest Path Problem on Networks with Intuitionistic Fuzzy Edge Weights, Global Journal of Pure and Applied Mathematics, Vol. 13, No 7, pp. 3285-3300, 2017, @2017
41. Konwar, N., P. Debnath, Continuity and Banach contraction principle in intuitionistic fuzzy n-normed linear spaces, Journal of Intelligent & Fuzzy Systems, Vol. 33, No 4, pp 2363-2373, 2017. DOI: 10.3233/JIFS-17500, @2017
42. Pramanik, S., S. Dalapati, S. Alam, T. Roy, F. Smarandache, Neutrosophic cubic MCGDM method based on similarity measure, Neutrosophic Sets and Systems, Vol. 16, pp 44-55, 2017, @2017
43. Mousavi, M., H. Gitinavard, S. Mousavi, A soft computing based-modified ELECTRE model for renewable energy policy selection with unknown information, Renewable and Sustainable Energy Reviews, Vol. 68, Part 1, pp 774-787, 2017, @2017
44. Pei, L., F. Jin, Z. Ni, H. Chen, .Z Tao, An automatic iterative decision-making method for intuitionistic fuzzy linguistic preference relations, International Journal of Systems Science, Vol. 48, Issue 13, pp 2779-2793, 2017, @2017
45. Liu, J., X. Zhou, B. Huang, H. Li, A Three-Way Decision Model Based on Intuitionistic Fuzzy Decision Systems, International Joint Conference on Rough Sets IJCRS 2017, pp 249-263, 2017, @2017
46. Peng, X., J. Dai, ALGORITHMS FOR INTERVAL NEUTROSOPHIC MULTIPLE ATTRIBUTE DECISION-MAKING BASED ON MABAC, SIMILARITY MEASURE, AND EDAS, International Journal for Uncertainty Quantification, Vol. 7, Issue 5, pp 395-421, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020416, @2017
47. Kandil, A., O. Tantawy, S. El-Sheikh, S. Hussien, Double Connected Spaces, Journal of New Theory, No 17, pp 1-17, 2017. ISSN: 2149-1402, @2017
48. Mehta, D., B. Tripathy, Clustering of Categorical Data Using Intuitionistic Fuzzy k-modes, Proceedings of Sixth International Conference on Soft Computing for Problem Solving, pp 254-263, 2017., @2017
49. Devadoss, A., M. Rekha, A New Intuitionistic Fuzzy ELECTRE II approach to study the Inequality of women in the society, Global Journal of Pure and Applied Mathematics, Vol. 13, No 9, pp 6583-6594, 2017. ISSN 0973-1768, @2017
50. Bao, T., X. Xie, P. Long, Z. Wei, MADM method based on prospect theory and evidential reasoning approach with unknown attribute weights under intuitionistic fuzzy environment, Expert Systems with Applications, Vol. 88, pp 305-317, 2017, @2017
51. Abdullah, S., S. Hussain, ( $\alpha, \beta$ )-Intuitionistic fuzzy bi-ideals of semigroups, Afrika Matematika, Vol. 28, Issue 7–8, pp 1033–1059, 2017, @2017
52. Krishankumar, R., S. Arvinda, A. Amrutha, J. Premaladha, K. Ravichandran, A decision making framework under intuitionistic fuzzy environment for solving cloud vendor selection problem, Networks & Advances in Computational Technologies (NetACT), 2017 International Conference on, INSPEC Accession Number: 17287892, pp 140-144, 2017. DOI: 10.1109/NETACT.2017.8076756, @2017

53. Çoban, V., SÇ Onar, Analysis of Solar Energy Generation Capacity Using Hesitant Fuzzy Cognitive Maps, *International Journal of Computational Intelligence Systems*, Vol. 10, pp 1149–1167, 2017, @2017
54. Liu, P., X. Qin, Maclaurin symmetric mean operators of linguistic intuitionistic fuzzy numbers and their application to multiple-attribute decision-making, *Journal of Experimental & Theoretical Artificial Intelligence*, Vol. 29, Issue 6, pp 1173-1202, 2017, @2017
55. Rani, D., H. Garg, DISTANCE MEASURES BETWEEN THE COMPLEX INTUITIONISTIC FUZZY SETS AND THEIR APPLICATIONS TO THE DECISION-MAKING PROCESS, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 5, pp 423-439, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020356, @2017
56. Yu, H., J. Fan, A novel segmentation method for uneven lighting image with noise injection based on non-local spatial information and intuitionistic fuzzy entropy, *EURASIP Journal on Advances in Signal Processing* 2017, 2017:74, @2017
57. Park, C., ([r, s], [t, u])-Interval-valued intuitionistic fuzzy alpha generalized continuous mappings, *The Korean Journal of Mathematics*, Vol. 25, No. 2, pp. 261–278, 2017, @2017
58. Metzger, O., T. Spengler, Subjektiver Erwartungsnutzen und intuitionistische Fuzzy-Werte, *Entscheidungsunterstützung in Theorie und Praxis*, pp 109-137, 2017, @2017
59. Yu, G., D. Li, J. Qiu, Interval-Valued Intuitionistic Fuzzy Multi-Attribute Decision Making Based on Satisfactory Degree, *Theoretical and Practical Advancements for Fuzzy System Integration*, 49, Page 23, 2017. DOI: 10.4018/978-1-5225-1848-8.ch003, @2017
60. Zedam, L., S. Milles, E. Rak, The Fixed Point Property for Intuitionistic Fuzzy Lattices, *Fuzzy Information and Engineering*, Vol. 9, Issue 3, pp 359-380, 2017, @2017
61. Selvachandran, G., P. Maji, R. Faisal, A. Salleh, Distance and distance induced intuitionistic entropy of generalized intuitionistic fuzzy soft sets, *Applied Intelligence*, Volume 47, Issue 1, pp 132–147, 2017, @2017
62. Wu, X., J. Wang, CROSS-ENTROPY MEASURES OF MULTIVALUED NEUTROSOPHIC SETS AND ITS APPLICATION IN SELECTING MIDDLE-LEVEL MANAGER, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 2, pp 155-176, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019440, @2017
63. Aggarwal, S., C. Gupta, Sensitivity Analysis of Intuitionistic Fuzzy Solid Transportation Problem, *International Journal of Fuzzy Systems*, Vol. 19, Issue 6, pp 1904–1915, 2017, @2017
64. Atyeh, A., M. Jaradat, O. Arabeyyat, Big Data Analytics Evaluation, Selection and Adoption: A Developing Country Perspective, *IJCSNS International Journal of Computer Science and Network Security*, Vol. 17, No 9, 159-171, 2017, @2017
65. Broumi, S., M. Talea, A. Bakali, F. Smarandache, Computation of Shortest Path Problem in a Network with SV-Triangular Neutrosophic Numbers, 2017 IEEE International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Gdynia Maritime University, Gdynia, Poland, 3-5 July 2017, pp 426-431, 2017, @2017
66. Saranya, M., D. Jayanthi, Perfectly  $\beta$  Generalized Continuous Mappings in Intuitionistic Fuzzy Topological Spaces, *Global Journal of Pure and Applied*, Vol. 13, No 9, pp 6455-6465, 2017, @2017
67. Mary, L., R. Rajalakshmi, A Study on Vertex Degree of Cartesian Product of Intuitionistic Triple Layered Simple Fuzzy Graph, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 9, pp. 6525-6538, 2017, @2017
68. Shen, F., D. Lan, Z. Li, An Intuitionistic Fuzzy ELECTRE-III Method for Credit Risk Assessment, ( Xu J., Hajiyev A., Nickel S., Gen M., eds), In: *Proceedings of the Tenth International Conference on Management Science and Engineering Management. Advances in Intelligent Systems and Computing*, Vol. 502. Springer, Singapore, pp 289-296, 2017, @2017
69. Zulqamain, M., F. Dayan, Selection Of Best Alternative For An Automotive Company By Intuitionistic Fuzzy TOPSIS Method, *INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH*, Vol. 6, Issue 10, pp 126-132, 2017. ISSN 2277-8616, @2017
70. Zhong, L., L. Yao, An ELECTRE I-based multi-criteria group decision making method with interval type-2 fuzzy numbers and its application to supplier selection, *Applied Soft Computing*, Vol. 57, pp 556-576, 2017, @2017
71. Bo, C., X. Zhang, New Operations of Picture Fuzzy Relations and Fuzzy Comprehensive Evaluation, *Symmetry*, 9(11), 268, 2017. DOI:10.3390/sym9110268, @2017
72. Jemal, H., Z. Kechaou, M. Ayed, Enhanced Decision Support Systems in Intensive Care Unit Based on Intuitionistic Fuzzy Sets, *Advances in Fuzzy Systems*, Volume 2017, Article ID 7371634, 8 pages, 2017, @2017
73. Lupiáñez, F., Another Note on Paraconsistent Neutrosophic Sets, *Symmetry*, 9(8), 140, 2017. doi:10.3390/sym9080140, @2017
74. Ren, Z., C. Wei, A multi-attribute decision-making method with prioritization relationship and dual hesitant fuzzy decision information, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 3, pp 755–763, 2017, @2017
75. He, X., Y. Wu, D. Yu, J. Merigó, Exploring the Ordered Weighted Averaging Operator Knowledge Domain: A Bibliometric Analysis, *International Journal of Intelligent Systems*, Vol. 32, No 11, pp 1151-1166, 2017. DOI: 10.1002/int.21894, @2017
76. Krishankumar, R., K. Ravichandran, R. Ramprakash, A Scientific Decision Framework for Supplier Selection under Interval Valued Intuitionistic Fuzzy Environment, *Mathematical Problems in Engineering*, Volume 2017, Article ID 1438425, 18 pages, 2017, @2017
77. Robinson, J., Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Trapezoidal Fuzzy MAGDM Problems (Chapter 60), *Fuzzy Systems: Concepts, Methodologies, Tools, and Applications*, pp

78. Hájek, P., V. Olej, Intuitionistic neuro-fuzzy network with evolutionary adaptation, *Evolving Systems*, Vol. 8, Issue 1, pp 35–47, 2017, @2017
79. Al-Qudah, Y., N. Hassan, Operations on complex multi-fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1527-1540, 2017. DOI: 10.3233/JIFS-162428, @2017
80. Aikhuele, D., S. Odofin, A Generalized Triangular Intuitionistic Fuzzy Geometric Averaging Operator for Decision-Making in Engineering and Management, *Information*, 8(3), 78, 2017. doi:10.3390/info8030078, @2017
81. Yang, Z., J. Li, L. Huang, Y. Shi, Developing dynamic intuitionistic normal fuzzy aggregation operators for multi-attribute decision-making with time sequence preference, *Expert Systems with Applications*, Vol. 82, pp 344-356, 2017, @2017
82. Gao, M., T. Sun, H. Dai, A multi-attribute fuzzy decision making with TOPSIS method based on vague set theory, *International Journal of Information and Communication Technology*, Vol. 11, pp. 12–24 , 2017, @2017
83. Markechová, D., B. Riečan, Logical Entropy and Logical Mutual Information of Experiments in the Intuitionistic Fuzzy Case, *Entropy*, 19(8), 429, 2017. DOI:10.3390/e19080429, @2017
84. Aikhuele, D., F. Turan, An exponential-related function for decision-making in engineering and management, *Open Engineering*, *Open Eng.*, Vol. 7, 153–160, 2017. DOI 10.1515/eng-2017-0022, @2017
85. Aikhuele, D., F. Turan, An Intuitionistic Fuzzy Multi-Criteria Decision-Making Method Based on an Exponential-Related Function, *International Journal of Fuzzy System Applications (IJFSA)*, 6(4), Pages 14, 2017. DOI: 10.4018/IJFSA.2017100103, @2017
86. Gupta, J., M. Shrivastava, Semi Pre Open Sets and Semi Pre Continuity in Sostak Intuitionistic Fuzzy, *Topological Space*, pp 37-45, 2017, @2017
87. Shahzadi, S., M. Akram, Intuitionistic fuzzy soft graphs with applications, *Journal of Applied Mathematics and Computing*, Vol. 55, Issue 1–2, pp 369–392, 2017, @2017
88. Oztaysi, B., S. Onar, C. Kahraman, M. Yavuz, Multi-criteria alternative-fuel technology selection using interval-valued intuitionistic fuzzy sets, *Transportation Research Part D: Transport and Environment*, Vol. 53, pp 128-148, 2017, @2017
89. Akram, M., S. Shahzadi, Neutrosophic soft graphs with application, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 841-858, 2017. DOI: 10.3233/JIFS-16090, @2017
90. Wang, P., X. Xu, J. Wang, C. Cai, Interval-valued intuitionistic linguistic multi-criteria group decision-making method based on the interval 2-tuple linguistic information, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 985-994, 2017. DOI: 10.3233/JIFS-162291, @2017
91. Banerjee, S., T. Roy, Arithmetic Behaviors of P-Norm Generalized Trapezoidal Intuitionistic Fuzzy Numbers with Application to Circuit Analysis, *Journal of Fuzzy System Applications (IJFSA)*, 6(3), Page 53, 2017. DOI: 10.4018/IJFSA.201707010, @2017
92. Feng, Q., X. Guo, Uncertainty measures of interval-valued intuitionistic fuzzy soft sets and their applications in decision making, *Intelligent Data Analysis*, Vol. 21, No 1, pp 77-95, 2017. DOI: 10.3233/IDA-150331, @2017
93. Deb, M., P. Kaur, Intuitionistic Fuzzy-Based Multi-Attribute Decision-Making Approach for Selection of Inventory Policy, *Advances in Computational Intelligence*, pp 45-54, 2017, @2017
94. Wan, S., F. Wang, G. Xu, J. Dong, J. Tang, An intuitionistic fuzzy programming method for group decision making with interval-valued fuzzy preference relations, *Fuzzy Optimization and Decision Making*, Vol. 16, Issue 3, pp 269–295, 2017, @2017
95. Kahraman, A., A. Parchami, Process capability analysis using intuitionistic fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp. 1659-1671, 2017. DOI: 10.3233/JIFS-141877, @2017
96. Tan, C., Y. Jia, X. Chen, 2-Tuple Linguistic Hesitant Fuzzy Aggregation Operators and Its Application to Multi-Attribute Decision Making, *Informatica*, Vol. 28, No. 2, pp 329-358, 2017, @2017
97. Singhal, N., S. Sharma, Availability Analysis of the Butter Oil Processing Plant Using Intuitionistic Fuzzy Differential Equations, *Proceedings of Sixth International Conference on Soft Computing for Problem Solving, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 546)*, pp 342-352, 2017, @2017
98. Tlig, H., A. Rebai, A TOPSIS method based on intuitionistic fuzzy values: a case study of North African airports, *Management Science Letters*, Vol. 7, Issue 7, pp. 351-358, 2017. DOI: 10.5267/j.msl.2017.4.002, @2017
99. Akram, M., J. Kavikumar, Z. Iqbal, Characterization of  $\Gamma$ -Semigroup by Intuitionistic N-Fuzzy Set (INFS) and its Level Set, *Applied Mathematics & Information Sciences*, Vol. 11, No. 1, pp 95-104, 2017, @2017
100. Terziyska, M., Y. Todorov, M. Dobreva, Efficient Error Based Metrics for Fuzzy-Neural Network Performance Evaluation, *Advanced Computing in Industrial Mathematics*, pp 185-201, 2017, @2017
101. Yang, H., C. Zhang, Z. Guo, Y. Liu, X. Liao, A hybrid model of single valued neutrosophic sets and rough sets: single valued neutrosophic rough set model, *Soft Computing*, Vol. 21, Issue 21, pp 6253–6267, 2017, @2017
102. Zhang, X., J. Wang, Consensus-based framework to MCGDM under multi-granular uncertain linguistic environment, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 1263-1274, 2017. DOI: 10.3233/JIFS-17202, @2017
103. Pekala, B., K. Balicki, INTERVAL-VALUED INTUITIONISTIC FUZZY SETS AND SIMILARITY MEASURE, *Iranian Journal of Fuzzy Systems*, Article 6, Vol. 14, Issue 4, pp 87-98, 2017. DOI: 10.22111/IJFS.2017.3327, @2017

104. Ren, S., Multicriteria Decision-Making Method Under a Single Valued Neutrosophic Environment, *Journal of Intelligent Information Technologies (JIIT)*, 13(4), 15 Pages, 2017. DOI: 10.4018/JIIT.2017100102, @2017
105. Rahman, K., M. Khan, M. Ullah, A. Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, *The Nucleus*, Vol 54, No 1, pp 66-74, 2017, @2017
106. Riya, V., D. Jayanthi, Intuitionistic Fuzzy  $\gamma^*$  Generalized Continuous Mappings, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 7, pp. 2859-2874, 2017, @2017
107. Chandrasekar, V., D. Sobana, A. Vadivel, On Fuzzy e-open Sets, Fuzzy e-continuity and Fuzzy e-compactness in Intuitionistic Fuzzy Topological Spaces, *Sahand Communications in Mathematical Analysis*, Vol. 7, Issue 1, 2017. In Press, @2017
108. Selvachandran, G., A. Salleh, Interval-valued complex fuzzy soft sets, *AIP Conference Proceedings*, Vol. 1830, Issue 1, 070009, 2017. DOI: 10.1063/1.4980958, @2017
109. Das, S., S. Kar, T. Pal, Robust decision making using intuitionistic fuzzy numbers, *Granular Computing*, Vol. 2, Issue 1, pp 41–54, 2017, @2017
110. Poomima, R., M. Shanmugapriya, A Study on Interval-Valued Anti-Hesitant Fuzzy Subnearings, *Global Journal of Pure and Applied Mathematics*, Vol. 13, Nor 5, pp 1429-1445, 2017, @2017
111. Yang, W., Y. Shi, Linguistic hesitant intuitionistic fuzzy cross-entropy measures, *International Journal of Intelligence Systems*, Vol. 10, pp 120-139, 2017, @2017
112. Narayanamoorthy, S., S. Geetha, Intuitionistic Hesitant Fuzzy VIKOR method for Multi-Criteria Group Decision Making, *International Journal of Pure and Applied Mathematics*, Vol. 113, No 9, pp 102-112, 2017, @2017
113. Sakthivel, K., N. Chandramathi, Intuitionistic Fuzzy Completely Generalized Semi Continuous Mappings, *International Journal of Engineering Science and Computing*, pp 12333-12336, 2017, @2017
114. Atanassova, V., New Modified Level Operator  $N_\gamma$  Over Intuitionistic Fuzzy Sets, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333)*, pp 209-214, 2017, @2017
115. Loor, M., A. Tapia-Rosero, G. De Tré, Refocusing Attention on Unobserved Attributes to Reach Consensus in Decision Making Problems Involving a Heterogeneous Group of Experts, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 405-416, 2017, @2017
116. Subramani, C., K. Arjunan, A STUDY ON I-FUZZY AND INTUITIONISTIC I-FUZZY GRAPHS, PhD Thesis, pp. 190, 2017, 14.139.186.108, @2017
117. Nayagam, V., S. Jeevaraj, P. Dhanasekaran, An intuitionistic fuzzy multi-criteria decision-making method based on non-hesitance score for interval-valued intuitionistic fuzzy sets, *Soft Computing*, Vol. 21, Issue 23, pp 7077–7082, 2017, @2017
118. Şahin, R., An approach to neutrosophic graph theory with applications, *Soft Computing*, pp 1-13, 2017, @2017
119. Batyrshin, I., F. Monroy-Tenorio, A. Gelbukh, L. Villa-Vargas, V. Solovyev, N. Kubysheva, Bipolar Rating Scales: A Survey and Novel Correlation Measures Based on Nonlinear Bipolar Scoring Functions. *Acta Polytechnica Hungarica*. Vol. 14, no 3, pp 33-75, 2017-2050. DOI: 10.12700/APH.14.3.2017.3.3, @2017
120. Dey, S., Intuitionistic Fuzzy Multi-Objective Structural Optimization using Non-linear Membership Functions, 2017, *International Journal of Computer & Organization Trends (IJCOT)*, Vol. 41, No 1, pp 14-20, 2017. DOI: 10.14445/22492593/IJCOT-V41P303, @2017
121. Ye, J., Correlation Coefficient between Dynamic Single Valued Neutrosophic Multisets and Its Multiple Attribute Decision-Making Method, *Information*, 8, 41, pp 1-9, 2017. DOI:10.3390/info8020041, @2017
122. Gong, Z., X. Zhang, The further investigation of variable precision intuitionistic fuzzy rough set model, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 5, pp 1565–1584, 2017, @2017
123. Kabak, Z., B. Ervural, Multiple attribute group decision making, *Knowledge-Based Systems*, Vol. 123, pp 13-30, 2017. DOI: 10.1016/j.knosys.2017.02.011, @2017
124. Shamsizadeh, M., M. Zahedi, Intuitionistic admissible partition (Intuitionistic admissible partition), *Fuzzy and Intelligent Systems (CFIS), 2017 5th Iranian Joint Congress on*, pp 155-159, 2017. DOI: 10.1109/CFIS.2017.8003675, @2017
125. Li, Z., P. Liu, X. Qin, An extended VIKOR method for decision making problem with linguistic intuitionistic fuzzy numbers based on some new operational laws and entropy, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1919-1931, 2017. DOI: 10.3233/JIFS-17488, @2017
126. Selvakumari, K., S. Lavanya, SOLVING FUZZY GAME PROBLEM USING OCTAGONAL INTUITIONISTIC FUZZY NUMBERS, *International Journal of Pure and Applied Mathematics*, Vol. 113, No. 11, 188 –198, 2017, @2017
127. Tian, F., S. Liu, Z. Xu, Q. Lei, Partial Derivative and Complete Differential of Binary Intuitionistic Fuzzy Functions, *International Journal of Fuzzy Systems*, Vol. 19, Issue 2, pp 273–284, 2017, @2017
128. Zang, W., L. Ren, Z. Jiang, X. Liu, Modified Kernel-based Intuitionistic Fuzzy C-means Clustering Method Using DNA Genetic Algorithm, *Journal of Software Engineering*, Vol. 11, Issue 2, pp 172-182, 2017. DOI: 10.3923/jse.2017.172.182, @2017

129. Jezewski, M., R. Czabanski, J. Leski, Introduction to Fuzzy Sets, Theory and Applications of Ordered Fuzzy Numbers, pp 3-22, 2017, @2017
130. Liu, P., X. Zhang, Some Maclaurin Symmetric Mean Operators for Single-Valued Trapezoidal Neutrosophic Numbers and Their Applications to Group Decision Making, International Journal of Fuzzy Systems, pp 1-17, 2017, @2017
131. Peng, J., J. Wang, X. Wu, An extension of the ELECTRE approach with multi-valued neutrosophic information, Neural Computing and Applications, Vol. 28, Supplement 1, pp 1011–1022, 2017, @2017
132. Liu, P., Multiple attribute group decision making method based on interval-valued intuitionistic fuzzy power Heronian aggregation operators, Computers & Industrial Engineering, Vol. 108, pp 199-212, 2017, @2017
133. Tang, J., Q. An, F. Meng, X. Chen, A natural method for ranking objects from hesitant fuzzy preference relations, International Journal of Information Technology & Decision Making, Vol. 16, Issue 06, pp. 1611-1646, 2017, @2017
134. Xu, D., C. Wei, G. Wei, TODIM Method for Single-Valued Neutrosophic Multiple Attribute Decision Making, Information, Vol. 8, No 4, 125, 2017. DOI:10.3390/info8040125, @2017
135. El-Azab, M., M. Shokry, Correlation measure for fuzzy multisets, Journal of the Egyptian Mathematical Society, Vol. 25, Issue 3, pp 263-267, 2017, @2017
136. Luo, X., Z. Xu, X. Gou, Exponential operational laws and new aggregation operators of intuitionistic Fuzzy information based on Archimedean T-conorm and T-norm, International Journal of Machine Learning and Cybernetics, pp 1–9, 2017, @2017
137. Yu, G., D. Li, J. Qiu, Y. Ye, Application of satisfactory degree to interval-valued intuitionistic fuzzy multi-attribute decision making, Journal of Intelligent & Fuzzy Systems, Vol. 32, No 1, pp 1019-1028, 2017. DOI: 10.3233/JIFS-16557, @2017
138. Rezaei, A., Interval-valued hesitant fuzzy filters in BE-algebras, Journal of Intelligent & Fuzzy Systems, Vol. 33, No 1, pp 403-411, 2017. DOI: 10.3233/JIFS-161733, @2017
139. Ren, P., Z. Xu, H. Liao, X. Zeng, A thermodynamic method of intuitionistic fuzzy MCDM to assist the hierarchical medical system in China, Information Sciences, Vol. 420, pp 490-504, 2017, @2017
140. Hu, B., H. Wong, K. Yiu, Equivalent Structures of Interval Sets and Fuzzy Interval Sets, International Journal of Intelligent Systems, Vol. 33, Issue 1, pp 68–92, 2017. DOI: 10.1002/int.21940, @2017
141. Xing, Q., J. Duan, Method of establishing membership and nonmembership function in intuitionistic fuzzy sets based on improved evidence theory, Control Conference (CCC), 2017 36th Chinese, 2017. DOI: 10.23919/ChiCC.2017.8029081, @2017
142. Can, M., O. Ozguven, PID Tuning with Neutrosophic Similarity Measure, International Journal of Fuzzy Systems, Vol. 19, Issue 2, pp 489–503, 2017, @2017
143. Jamkhaneh, E., The operators over the generalized intuitionistic fuzzy sets, Int. J. Nonlinear Anal. Appl., Vol. 8, No 1, pp 11-21, 2017, @2017
144. Azarnivand, V., Comment on “Assessing water quality of five typical reservoirs in lower reaches of Yellow River, China: Using a water quality index method” by Wei Hou, Shaohua Sun Mingquan Wang, Xiang Li, Nuo Zhang, Xiaodong Xin, Li Sun, Wei Li, and Ruibao Jia (2016) [Ecological Indicators, 61, 309-316], Vol. 75, pp 8-9, 2017, @2017
145. Eyoh, I., R. John, G. De Maere, Time series forecasting with interval type-2 intuitionistic fuzzy logic systems, Fuzzy Systems (FUZZ-IEEE), 2017 IEEE International Conference on, INSPEC Accession Number: 17137939, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015463, @2017
146. Wadhwa, K., V. Bhardwaj, Fixed Point Theorems for Faintly Compatible Mappings in Intuitionistic Fuzzy Metric Space, Journal of the Indian Mathematical Society, Vol. 84, Issue 1-2, 2017, @2017
147. Rani, S., M. Pricilla, Generalized b-closed sets in vague topological spaces, International Journal of Applied Research, Vol. 3, No 7, 519-525, 2017, @2017
148. Liang, D., Z. Xu, D. Liu, Three-way decisions based on decision-theoretic rough sets with dual hesitant fuzzy information, Information Sciences, Vol. 396, pp 127-143, 2017, @2017
149. Tang, X., C. Fu, D. Xu, S. Yang, Analysis of fuzzy Hamacher aggregation functions for uncertain multiple attribute decision making, Information Sciences, Vol. 387, pp 19-33, 2017, @2017
150. Sotirov, S., V. Atanassova, E. Sotirova et al, Application of the Intuitionistic Fuzzy InterCriteria Analysis Method with Triples to a Neural Network Preprocessing Procedure, Computational Intelligence and Neuroscience, Vol. 2017, Article ID 2157852, 9 pages, 2017, @2017
151. Peng, J., J. Wang, X. Wu, C. Tian, Hesitant intuitionistic fuzzy aggregation operators based on the Archimedean t-norms and t-conorms, International Journal of Fuzzy Systems, Vol. 19, Issue 3, pp 702–714, 2017, @2017
152. Arockiaraj, J., T. Pathinathan, Index Matrix Representation and Various Operations on Hesitancy Fuzzy Graphs, Journal of Computer and Mathematical Sciences, Vol.8(2), pp 38-49, 2017, @2017
153. Lourenzutti, R., R. Krohling, M. Reformat, Choquet based TOPSIS and TODIM for dynamic and heterogeneous decision making with criteria interaction, Information Sciences, Vol. 408, pp 41-69, 2017, @2017
154. Dubois, D., F. Esteva, L. Godo, H. Prade, Chapter 41 – An Information-Based Discussion of Borderline Cases in Categorization: Six Scenarios Leading to Vagueness, Handbook of Categorization in Cognitive Science (Second Edition), pp 1029–1051, 2017, @2017
155. Akram, M., A. Luqman, Intuitionistic single-valued neutrosophic hypergraphs, OPSEARCH, Vol. 54, Issue 4, pp 799–815, 2017, @2017

156. Zhan-Ao, X., S. Xiao-Meng, X. Tian-Yu, X. Xian-Wei, Y. Yi-lin, Multi-granulation covering rough intuitionistic fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 899-911, 2017. DOI: 10.3233/JIFS-161312, @2017
157. Suprasongsin, S., V. Huynh, P. Yenradee, An Alternative Fuzzy Linguistic Approach for Determining Criteria Weights and Segmenting Consumers for New Product Development: A Case Study, *International Symposium on Knowledge and Systems Sciences, KSS 2017: Knowledge and Systems Sciences, Part of the Communications in Computer and Information Science book series (CCIS, volume 780, pp 23-37, 2017, @2017*
158. Gai, L., J. Ji, An integrated method to solve the healthcare facility layout problem under area constraints, *Journal of Combinatorial Optimization*, pp 1-19, 2017, @2017
159. Garg, H., Generalized Pythagorean Fuzzy Geometric Aggregation Operators Using Einstein t-Norm and t-Conorm for Multicriteria Decision-Making Process, *International Journal of Intelligent Systems*, Vol. 32, pp 597–630, 2017. DOI: 10.1002/int.21860, @2017
160. Wang, X., C. Guo, P. Li, Jianbo Liu, Jing Liu, Y. Zhang, On rough multi-granularity soft sets and its application in decision making, *Control And Decision Conference (CCDC), 2017 29th Chinese, INSPEC Accession Number: 17042103, 2017. DOI: 10.1109/CCDC.2017.7979031, @2017*
161. Devi, K., R. Rajeswari, R. Raja, D. Durga, A study of local base and adherent point by double sets in D-topology, *Journal of Advanced Studies in Topology*, Vol. 8, Issue 1, pp 24-30, 2017. eISSN: 2090-388X, @2017
162. Garg, H., R. Arora, Generalized and group-based generalized intuitionistic fuzzy soft sets with applications in decision-making, *Applied Intelligence*, pp 1-14, 2017, @2017
163. Zhai, Y., Z. Xu, H. Liao, Measures of probabilistic interval-valued intuitionistic hesitant fuzzy sets and the application in reducing excessive medical examinations, *IEEE Transactions on Fuzzy Systems*, Volume PP, Issue 99, Page 1- 1, 2017. DOI: 10.1109/TFUZZ.2017.2740201, @2017
164. Wu, Y., C. Xua, Y. Ke, K. Chen, X. Sun, An intuitionistic fuzzy multi-criteria framework for large-scale rooftop PV project portfolio selection: case study in Zhejiang, China, *Energy*, Vol. 143, No 15, pp 295-309, 2017, @2017
165. Mohanty, R., B. Tripathy, Improved Decision Making through IFSS, *Smart Computing and Informatics*, pp 213-219, 2017, @2017
166. Garg, H., N. Agarwal, A. Tripathi, Generalized intuitionistic fuzzy entropy measure of order  $\alpha$  and degree  $\beta$  and its applications to multi-criteria decision making problem, *International Journal of Fuzzy System Applications (IJFSA)*, 6(1), Pages 22, 2017. DOI: 10.4018/IJFSA.2017010105, @2017
167. Garg, H., N. Agarwal, A. Tripathi, Some improved interactive aggregation operators under interval-valued intuitionistic fuzzy environment and their application to decision making process, *Scientia Iranica E*, 24(5), 2581-2604, 2017, @2017
168. Zhang, S., Z. Xu, Infinite Intuitionistic Fuzzy Series and Product, *International Journal of Intelligent Systems*, Vol. 32, Issue 6, pp 645-662, 2017, @2017
169. Nguyen, H., Atanassov's intuitionistic fuzzy risk estimation of the ship system failures based on the expert judgments, Published in: *INnovations in Intelligent SysTems and Applications (INISTA), 2017 IEEE International Conference on, INSPEC Accession Number: 17083597, 2017. DOI: 10.1109/INISTA.2017.8001153, @2017*
170. Gou, X., Z. Xu, Exponential operations for intuitionistic fuzzy numbers and interval numbers in multi-attribute decision making, *Fuzzy Optimization and Decision Making*, Vol. 16, Issue 2, pp 183–204, 2017, @2017
171. Meng, F., J. Tang, Z. Xu, A 0-1 mixed programming model based method for group decision making with intuitionistic fuzzy preference relations, *Computers & Industrial Engineering, Computers & Industrial Engineering*, Vol. 112, pp 289-304, 2017, @2017
172. Manivasagam, G., R. Gunasundari, An Adaptively Optimized Approach on Random Test Case Generation Using Intuitionistic Genetic Algorithm, *International Journal of Applied Engineering Research*, Vol. 12, No 21, pp. 11700-11706, 2017, @2017
173. Wang, H., L. Huang, P. Ren, R. Zhao, Dynamic incomplete uninorm trust propagation and aggregation methods in social network, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 5, pp. 3027-3039, 2017. DOI: 10.3233/JIFS-169354, @2017
174. Mohammed, F., On Semi-regular T1 and Semi-regular T2 in Intuitionistic Fuzzy Topological Spaces, *Tikrit Journal of Pure Science*, Vol 22, No 2, 113-116, 2017. ISSN 1813 – 1662 (Print), eISSN2415 – 1726 (On Line), @2017
175. Wu, H., X. Su, Group Generalized Interval-valued Intuitionistic Fuzzy Soft Sets and Their Applications in Decision Making, *Iranian Journal of Fuzzy Systems*, Article 2, Vol. 14, Issue 1, Page 1-21, 2017, @2017
176. Zhang, X., H. Zhang, J. Wang, Discussing incomplete 2-tuple fuzzy linguistic preference relations in multi-granular linguistic MCGDM with unknown weight information, *Soft Computing*, pp 1-18, 2017, @2017
177. Xu, C., Improvement of the distance between intuitionistic fuzzy sets and its applications, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 3, pp. 1563-1575, 2017. DOI: 10.3233/JIFS-17276, @2017
178. PRIYADHARSHINI, S., B. AMUTHA, A STUDY ON FUZZY PRIME IDEAL AND INTUITIONISTIC FUZZY IDEAL OF NEAR RING, *International Journal of Mathematics*, Vol. 1, pp 61-68, 2017, @2017
179. Akram, M., S. Siddique, B. Davvaz, New concepts in neutrosophic graphs with application, *Journal of Applied Mathematics and Computing*, pp 1–24, 2017, @2017
180. Liu, Y., K. Qin, C. Rao, M. Mahamadu, Object-parameter approaches to predicting unknown data in an incomplete fuzzy soft set, *International Journal of Applied Mathematics and Computer Science*, Vol. 27, Issue 1, 2017, @2017

181. Yang, M., Models for evaluating the regional carbon emissions performance under the background of urban industrial agglomerations with hesitant fuzzy linguistic information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 4, pp 235-242, 2017. DOI: 10.3233/KES-170367, @2017
182. Akram, M., R. Akmal, Intuitionistic fuzzy graph structures, *Kragujevac Journal of Mathematics*, Vol. 41, pp 219-237, 2017. DOI: 10.1016/j.fiae.2017.01.001, @2017
183. Lin, J., Q. Zhang, Note on continuous interval-valued intuitionistic fuzzy aggregation operator, *Applied Mathematical Modelling*, Vol. 43, pp 670-677, 2017, @2017
184. Stanujkic, D., E. Zavadskas, F. Smarandache, W. Brauers, D. Karabasevic, A. Darjan, Neutrosophic Extension of the MULTIMOORA Method, *Informatica*, Vol. 28, No. 1, pp. 181-192, 2017, @2017
185. Chao, H., J. Butler, Revision of pattern recognition problems, *Journal of Discrete Mathematical Sciences and Cryptography*, Vol. 20, Issue 3, pp 673-680, 2017, @2017
186. Lei, Q., M. Wu, G. Liu, Optimization Oriented Performance Assessment for Combustion Process of Coke Oven, *IFAC-PapersOnLine*, Vol. 50, Issue 1, pp 13778-13783, 2017, @2017
187. Sujatha, K., P. Muralikrishna, M. Chandramouleeswaran, (S, T)-Normed Intuitionistic Fuzzy Beta Subalgebras, *BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE*, Vol. 7, pp 353-361, 2017. DOI: 10.7251/BIMVI1702353M, @2017
188. Wei, G., M. Lu, Dual hesitant Pythagorean fuzzy Hamacher aggregation operators in multiple attribute decision making, *Archives of Control Sciences*, Vol. 27, Issue 3, pp 365–395, 2017, @2017
189. Zhang, Z., A Framework of Group Decision Making with Hesitant Fuzzy Preference Relations Based on Multiplicative Consistency, *International Journal of Fuzzy Systems*, Vol. 19, Issue 4, pp 982–996, 2017, @2017
190. Wang, P., X. Xu, J. Wang, C. Cai, Some new operation rules and a new ranking method for interval-valued intuitionistic linguistic numbers, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 1069-1078, 2017. DOI: 10.3233/JIFS-16644, @2017
191. Iancu, I., Intuitionistic fuzzy similarity measures based on min–max operators, *Pattern Analysis and Applications*, pp 1-10, 2017, @2017
192. Sinderysiya, A., A. Pariya, N. Gupta, V. H. Badshah, On generalized (Fi, Psi)-weak contractions in intuitionistic fuzzy metric spaces, *Advances in Fuzzy Mathematics*, Vol. 12, No 4, pp. 977-989, 2017, @2017
193. Aikhuele, D., Interval-valued intuitionistic fuzzy multi-criteria model for design concept selection, *Management Science Letters*, Vol. 7, Issue 9, pp. 457-466, 2017. DOI: 10.5267/j.msl.2017.6.001, @2017
194. Xian, S., N. Jing, W. Xue, J. Chai, A New Intuitionistic Fuzzy Linguistic Hybrid Aggregation Operator and Its Application for Linguistic Group Decision Making, *International Journal of Intelligent Systems*, Vol. 32, Issue 12, pp 1332-1352, 2017, @2017
195. Liang, R., J. Wang, H. Zhang, A multi-criteria decision-making method based on single-valued trapezoidal neutrosophic preference relations with complete weight information, *Neural Computing and Applications*, pp 1-16, 2017, @2017
196. Liu, J., N. Zhou, L. Zhuang, N. Li, F. Jin, Interval-Valued Hesitant Fuzzy Multiattribute Group Decision Making Based on Improved Hamacher Aggregation Operators and Continuous Entropy, *Mathematical Problems in Engineering*, Vol. 2017, Article ID 2931482, 20 pages, 2017, @2017
197. Peng, X., HESITANT TRAPEZOIDAL FUZZY AGGREGATION OPERATORS BASED ON ARCHIMEDEAN t-NORM AND t-CONORM AND THEIR APPLICATION IN MADM WITH COMPLETELY UNKNOWN WEIGHT INFORMATION, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 6, pp 475-510, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020585, @2017
198. Zhang, Z., Approaches to group decision making based on interval-valued intuitionistic multiplicative preference relations, *Neural Computing and Applications*, Vol. 28, Issue 8, pp 2105–2145, 2017, @2017
199. Mehlawat, M., N. Grover, Intuitionistic fuzzy multi-criteria group decision making with an application to critical path selection, *Annals of Operations Research*, pp 1-16, 2017, @2017
200. Xu, G., X. Duan, H. Lü, Target priority determination methods by interval-valued intuitionistic fuzzy sets with unknown attribute weights, *Journal of Shanghai Jiaotong University (Science)*, Vol. 22, Issue 5, pp 624–632, 2017, @2017
201. Muruganandam, S., P. Ambika, Intuitionistic Fuzzy Linear Fractional Programming Problem, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 2, pp 203-214, 2017, @2017
202. Li, D., S. Wan, Minimum Weighted Minkowski Distance Power Models for Intuitionistic Fuzzy Madm with Incomplete Weight Information, *International Journal of Information Technology & Decision Making*, Vol. 16, No. 05, pp 1387-1408, 2017, @2017
203. Pan, T., L. Zheng, S. Zeng, M. Guo, Induced Generalized Intuitionistic Fuzzy Aggregation Distance Operators and Their Application to Decision Making, *International Conference on Applications and Techniques in Cyber Security and Intelligence, ATCI 2017: International Conference on Applications and Techniques in Cyber Security and Intelligence, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 580)*, pp 493-500, 2017, @2017
204. Chen, W., Y. Zou, An integrated method for supplier selection from the perspective of risk aversion, *Applied Soft Computing*, Vol. 54, pp 449-455, 2017, @2017
205. Yiğit, E., H. Efe, Intuitionistic Fuzzy Metrics Deduced by Combination of Several Distance Criteria, *Gazi University Journal of Science*, Vol. 30, No 1, 413-429, 2017, @2017

206. Liu, P., P. Wang, Some improved linguistic intuitionistic fuzzy aggregation operators and their applications to multiple-attribute decision making, *International Journal of Information Technology & Decision Making*, Vol. 16, No 03, pp 817-850, 2017, @2017
207. Gupta, J., M. Shrivastava, Semi-Pre Open Sets and Semi-Pre Continuity in Gradation of Openness, *Advances in Fuzzy Mathematics (AFM)*, Vol. 12, No 3, pp. 609–619, 2017, @2017
208. Meena, K., Characteristic Intuitionistic Fuzzy Subrings of an Intuitionistic Fuzzy Ring, *Advances in Fuzzy Mathematics*, Vol. 12, No 2, pp 229-253, 2017, @2017
209. Ansari, M., A. Mishra, F. Ansari, New divergence and entropy measures for intuitionistic fuzzy sets on edge detection, *International Journal of Fuzzy Systems*, pp 1-14, 2017, @2017
210. Zhang, Z., Y. Hu, C. Ma, J. Xu, S. Yuan, Z. Chen, Incentive-punitive risk function with interval valued intuitionistic fuzzy information for outsourced software project risk assessment, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 5, pp 3749-3760, 2017. DOI: 10.3233/JIFS-169307, @2017
211. Luo, W., Models for selecting the marketing promotional modes of new energy vehicles financial leasing with fuzzy number intuitionistic fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 4, pp 203-210, 2017. DOI: 10.3233/KES-170364, @2017
212. Antoni, L., S. Krajči, O. Krídlo, Representation of fuzzy subsets by Galois connections, *Fuzzy Sets and Systems*, Vol. 326, pp 52-68, 2017, @2017
213. Reiser, R., B. Bedregal, Correlation in Interval-Valued Atanassov's Intuitionistic Fuzzy Sets-Conjugate and Negation Operators, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, Vol. 25, Issue 05, 25:05, pp 787-819, 2017, @2017
214. Dworniczak, P., Some Remarks About Crucial and Unsolved Problems on Atanassov's Intuitionistic Fuzzy Sets, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 684-688, 2017, @2017
215. Vasanti, G., Correspondence and Isomorphism Theorems for L-Intuitionistic or L-Vague Sub Rings, *Global Journal of Pure and Applied Mathematics*, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 4, pp. 1303–1317, 2017. ISSN 0973-1768, @2017
216. Son, L., Measuring analogousness in picture fuzzy sets: from picture distance measures to picture association measures, *Fuzzy Optimization and Decision Making*, Volume 16, Issue 3, pp 359–378, 2017, @2017
217. Zhou, W., Z. Xu, Group consistency and group decision making under uncertain probabilistic hesitant fuzzy preference environment, *Information Sciences*, Vol. 414, pp 276-288, 2017, @2017
218. Peng, H., J. Wang, Cloud decision model for selecting sustainable energy crop based on linguistic intuitionistic information, *International Journal of Systems Science*, pp 3316-3333, 2017, @2017
219. Iswarya, P., K. Bageerathi, A Study on Neutrosophic Frontier and Neutrosophic Semi-frontier in Neutrosophic Topological Spaces, *Neutrosophic Sets and Systems*, Vol. 16, pp 6-15, 2017, @2017
220. Rajesh, K., R. Srinivasan, Interval Valued Intuitionistic Fuzzy Sets of Second Type, *Advances in Fuzzy Mathematics*. ISSN 0973-533X Vol. 12, No 4, pp. 845-853, 2017, @2017
221. Sahoo, S., M. Pal, Intuitionistic fuzzy tolerance graphs with application, *Journal of Applied Mathematics and Computing*, Vol. 55, Issue 1–2, pp 495–511, 2017, @2017
222. Yager, R., Generalized orthopair fuzzy sets, *IEEE Transactions on Fuzzy Systems*, Vol. 25, Issue 5, pp 1222- 1230, 2017. DOI: 10.1109/TFUZZ.2016.2604005, @2017
223. Huang, Y., G. Wei, C. Wei, VIKOR Method for Interval Neutrosophic Multiple Attribute Group Decision-Making, *Information, Information*, 8(4), 144; 2017. DOI: 10.3390/info8040144, @2017
224. Immaculate, J., APPROXIMATION ON AN INTUITIONISTIC FUZZY NEAR-RINGS, *Journal of New Theory*, Number 15, pp 61-74, 2017, @2017
225. Aikhuele, D., F. Turan, An Integrated Fuzzy Dephi and Interval-Valued Intuitionistic Fuzzy M-Topsis Model for Design Concept Selection, *Pakistan Journal of Statistics and Operation Research*, Vol. 13, No. 2, 2017, @2017
226. Geetha, M., D. Acharjya, N. Ch. Sriman Narayana Iyenga, Privacy preservation in fuzzy association rules using rough set on intuitionistic fuzzy approximation spaces and DSR, *International Journal of Autonomous and Adaptive Communications Systems*, Vol. 10, Issue 1, pp 67-87, 2017, @2017
227. Faizi, S., T. Rashid, S. Zafar, An outranking method for multi-criteria group decision making using hesitant intuitionistic fuzzy linguistic term sets, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp 2153-2164, 2017. DOI: 10.3233/JIFS-161976, @2017
228. Rasuli, R., CHARACTERIZATIONS OF INTUITIONISTIC FUZZY SUBSEMI-RINGS OF SEMIRINGS AND THEIR HOMOMORPHISMS BY NORMS, *Journal of New Theory*, No 18, pp 39-52, 2017, @2017
229. Liang, D., Z. Xu, D. Liu, Three-way decisions with intuitionistic fuzzy decision-theoretic rough sets based on point operators, *Information Sciences*, Vol. 375, pp 183-201, 2017, @2017
230. Meng, M., J. Tang, Q. An, X. Chen, Decision making with intuitionistic linguistic preference relations, *International Transactions in Operation Research*, 2017. DOI: 10.1111/itor.12383, @2017
231. Rahman, K., A. Ali, M. Shakeel, M. Khan, M. Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, *The Nucleus*, Vol. 54, No 3, 190-196, 2017, @2017
232. Markechová, D., Kullback-Leibler Divergence and Mutual Information of Experiments in the Fuzzy Case, *Axioms*, 6(1), 5, 2017. DOI: 10.3390/axioms6010005, @2017

233. Akram, M., M. Nasir, Concepts of interval-valued neutrosophic graphs, *International Journal of Algebra and Statistics*, Vol. 6, No 1-2, pp 22-41, 2017, @2017
234. Garg, H., Novel intuitionistic fuzzy decision making method based on an improved operation laws and its application, *Engineering Applications of Artificial Intelligence*, Vol. 60, pp 164-174, 2017, @2017
235. Zheng, E., F. Teng, P. Liu, Multiple attribute group decision-making method based on neutrosophic number generalized hybrid weighted averaging operator, *Neural Computing and Applications*, Vol. 28, Issue 8, pp 2063-2074, 2017, @2017
236. Zhao, J., C. Lin, An Interval-Valued Fuzzy Cerebellar Model Neural Network Based on Intuitionistic Fuzzy Sets, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 881-894, 2017, @2017
237. Liu, S., X Chen, Random walk-based similarity measure method for patterns in complex object, *Open Physics*, Vol. 15, No 1, 15, 154-159, 2017, @2017
238. Liu, P., H. Li, Multiple attribute decision-making method based on some normal neutrosophic Bonferroni mean operators, *Neural Computing and Applications*, Vol. 28, Issue 1, pp 179-194, 2017, @2017
239. Lu, Z., J. Ye, Single-valued neutrosophic hybrid arithmetic and geometric aggregation operators and their decision-making method, *Information*, 8(3), 84; 2017. DOI: 10.3390/info8030084, @2017
240. Liu, X., Z. Wang, A Hetzler, HFADM method based on nondimensionalization and its application in the evaluation of inclusive growth, *Journal of Business Economics and Management*, Vol. 18, Issue 4, pp 726-744, 2017, @2017
241. Han, Y., C. Lim, S. Chen, Triple I fuzzy modus tollens method with inconsistent bipolarity information, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 6, pp 4299-4309, 2017. DOI: 10.3233/JIFS-16891, @2017
242. Aikhuele, D., F. Turan, A modified exponential score function for troubleshooting an improved locally made Offshore Patrol Boat engine, *Journal of Marine Engineering & Technology*, pp 1-7, 2017, @2017
243. Jin, F., Z. Ni, L. Pei, H. Chen, Y. Li, X. Zhu, L. Ni, A decision support model for group decision making with intuitionistic fuzzy linguistic preferences relations, *Neural Computing and Applications*, 1-22, 2017, @2017
244. Liu, D., X. Chen, D. Peng, Interval-Valued Intuitionistic Fuzzy Ordered Weighted Cosine Similarity Measure and Its Application in Investment Decision-Making, *Complexity*, Vol. 2017, Article ID 1891923, 11 pages, 2017, @2017
245. Liu, Y., H. Yang, Further research of single valued neutrosophic rough sets, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1467-1478, 2017. DOI: 10.3233/JIFS-17401, @2017
246. Sudha, A., K. Vijayalakshmi, A Value and Ambiguity-Based Ranking of Symmetric hexagonal Intuitionistic Fuzzy Numbers in Decision Making, *Advances in Fuzzy Mathematics*, Vol. 12, No 4, pp. 867-879, 2017, @2017
247. Karaaslan, F., Correlation coefficients of single-valued neutrosophic refined soft sets and their applications in clustering analysis, *Neural Computing and Applications*, Vol. 28, Issue 9, pp 2781-2793, 2017, @2017
248. Yang, Y., C. Liang, S. Ji, Comments on "Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets" by Ridvan Sahin, *Soft Computing*, Vol. 21, Issue 11, pp 3033-3035, 2017, @2017
249. Wang, C., Decomposition theorems and representation theorems of vague soft sets, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, N. 1, pp 85-95, 2017. DOI: 10.3233/JIFS-151120, @2017
250. Das, S., D. Guha, Similarity measure of intuitionistic fuzzy numbers and its application to clustering, *International Journal of Mathematics in Operational Research*, 10(4), pp 399-430, 2017, @2017
251. Schütze, R., Classifying the Level of Coupling by Intuitionistic Fuzzy Sets, *Improving Service Level Engineering*, pp 45-50, 2017, @2017
252. Zhao, H., Z. Xu, S. Liu, Dual hesitant fuzzy information aggregation with Einstein t-conorm and t-norm, *Journal of Systems Science and Systems Engineering*, Vol. 26, Issue 2, pp 240-264, 2017, @2017
253. Gupta, P., M. Mehlawat, N. Grover, Modified intuitionistic fuzzy SIR approach with an application to supplier selection, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 6, pp 4431-4441, 2017. DOI: 10.3233/JIFS-169209, @2017
254. Schütze, R., Business and IT Alignment: A Fuzzy Challenge, *Improving Service Level Engineering*, pp 1-8, 2017., @2017
255. Meng, F., C. Tan, A Method for Multi-Attribute Group Decision Making Based on Generalized Interval-Valued Intuitionistic Fuzzy Choquet Integral Operators, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, Vol. 25, Issue 05, 2017. Print ISSN: 0218-4885, Online ISSN: 1793-6411, @2017
256. Lei, Q., Z. Xu, A unification of intuitionistic fuzzy calculus theories based on subtraction derivatives and division derivatives, *IEEE Transactions on Fuzzy Systems*, Volume: 25, Issue: 5, INSPEC Accession Number: 17240900, 2017. DOI: 10.1109/TFUZZ.2016.2593498, @2017
257. Montes, I., S. Montes, N. Pal, On the Use of Divergences for Defining Entropies for Atanassov Intuitionistic Fuzzy Sets, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 554-565, 2017, @2017
258. Kridlo, O., M. Ojeda-Aciego, Extending formal concept analysis using intuitionistic I-fuzzy sets, *Fuzzy Systems (FUZZ-IEEE), 2017 IEEE International Conference on*, INSPEC Accession Number: 17137594, pp 1-6, 2017, DOI: 10.1109/FUZZ-IEEE.2017.8015570, @2017
259. Zhang, Y., K. Li, Z. Wang, Prioritization and aggregation of intuitionistic preference relations: a multiplicative-transitivity-based transformation from intuitionistic judgment data to priority weights, *Group Decision and Negotiation*,

260. Guo, K., W. Li, A unified framework for the key weights in MAGDM under uncertainty, *Soft Computing*, Vol. 21, Issue 9, pp 2251–2262, 2017, @2017
261. Luo, M., L. Shi, M. Xie, Research on the construction performance assessment of industry-university-research cooperation in collaborative innovation to promote the practice base construction based on CDIO idea, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp. 3217-3226, 2017, DOI: 10.3233/JIFS-161528, @2017
262. Poodeh, O., Applications of Complex Fuzzy Sets in Time-Series Prediction, PhD Thesis, University of Alberta, USA, 2017. DOI: 10.7939/R3M03ZB33, @2017
263. Wei, G., Picture uncertain linguistic Bonferroni mean operators and their application to multiple attribute decision making, *Kybernetes*, Vol. 46, Issue 10, pp 1777-1800, 2017, @2017
264. Yun, S., S. Lee, Intuitionistic Fuzzy Topologies Induced by Intuitionistic Fuzzy Approximation Spaces, *International Journal of Fuzzy Systems*, Vol. 19, Issue 2, pp 285–291, 2017, @2017
265. Nazra, A., R. Lestari, G.C. Wicaksono, Hesitant intuitionistic fuzzy soft sets, *IOP Conf. Series: Journal of Physics: Conf. Series* 890 012118, 2017, 1-6. Doi :10.1088/1742-6596/890/1/012118, @2017
266. Ashraf, S., S. Naz, H. Rashmanlou, Regularity of graphs in single valued neutrosophic environment, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 1, pp. 529-542, 2017. DOI: 10.3233/JIFS-161960, @2017
267. Loor, M., G. De Tre, An open-source software package to assess similarity measures that compare intuitionistic fuzzy sets, *Fuzzy Systems (FUZZ-IEEE)*, 2017 IEEE International Conference on, INSPEC Accession Number: 17137790, pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015689, @2017
268. Afful-Dadzie, E., A. Afful-Dadzie, Z. Oplatková, Assessing Commercial Viability of Technology Start-up Businesses in a Government Venture Capital under Intuitionistic Fuzzy Environment, *International Journal of Fuzzy Systems*, Vol. 19, Issue 2, pp 400–413, 2017, @2017
269. Garg, H., Generalized Intuitionistic Fuzzy Entropy-Based Approach for Solving Multi-attribute Decision-Making Problems with Unknown Attribute Weights, *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, pp 1-11, 2017, @2017
270. Hao, Z., Z. Xu, H. Zhao, H. Fujita, A Dynamic Weight Determination Approach Based on the Intuitionistic Fuzzy Bayesian Network and Its Application to Emergency Decision Making, *IEEE Transactions on Fuzzy Systems*, Volume PP, Issue 99, page 1-1, 2017. DOI: 10.1109/TFUZZ.2017.2755001, @2017
271. Liu, Y., J. Bi, Z. Fan, A Method for Ranking Products Through Online Reviews Based on Sentiment Classification and Interval-Valued Intuitionistic Fuzzy TOPSIS, *Journal of Information Technology & Decision Making*, Vol. 16, Issue 06, pp 1497-1522, 2017, @2017
272. Mohammadi, S., A. Makui, Multi-attribute group decision making approach based on interval-valued intuitionistic fuzzy sets and evidential reasoning methodology, *Soft Computing*, Vol. 21, Issue 17, pp 5061–5080, 2017, @2017
273. Dymova, L., K. Kaczmarek, P. Sevastjanov, A Comparative Study of Two Novel Approaches to the Rule-Base Evidential Reasoning, *International Conference on Artificial Intelligence and Soft Computing, ICAISC 2017: Artificial Intelligence and Soft Computing*, pp 231-240, 2017, @2017
274. Guo, ZL, YL Liu, HL Yang, A Novel Rough Set Model in Generalized Single Valued Neutrosophic Approximation Spaces and Its Application, *Symmetry*, 9(7), 119, 2017. DOI: 10.3390/sym9070119, @2017
275. Altundag, S., E. Kamber, Weighted statistical convergence in intuitionistic fuzzy normed linear spaces, *Journal of Inequalities and Special Functions*, Vol. 8, Issue 2, pp 113-124, 2017, @2017
276. Wei, G., Pythagorean fuzzy interaction aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 4, pp 2119-2132, 2017. DOI: 10.3233/JIFS-162030, @2017
277. Garg, H., Distance and similarity measures for intuitionistic multiplicative preference relation and its applications, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 2, pp 117-133, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017018981, @2017
278. Zhang, L., S. Gao, A novel weights generating approach for multiple attribute decision making under interval-valued intuitionistic fuzzy environment, 2017 29th Chinese Control And Decision Conference (CCDC), INSPEC Accession Number: 17041768, 2017. DOI: 10.1109/CCDC.2017.7979273, @2017
279. Vladicescu, F., G. Albeanu, Recent Advances in Artificial Immune Systems: Models, Algorithms, Recent Recent Developments in Intelligent Nature-Inspired Computing, (Patnaik Srikanta, Eds), 23 Pages, 2017. DOI: 10.4018/978-1-5225-2322-2.ch004, @2017
280. Qiao, J., B. Hu, On interval additive generators of interval overlap functions and interval grouping functions, *Fuzzy Sets and Systems*, Vol. 323, pp 19-55, 2017, @2017
281. Bera, T., N. Mahapatra, Introduction to neutrosophic soft topological space, *OPSEARCH*, Vol.54, Issue 4, pp 841–867, 2017, @2017
282. Kaviyarasu, M., K. Indhira, On intuitionistic fuzzy INK-ideals of INK-algebras, *IOP Conference Series: Materials Science and Engineering*, *Computation and Information Technology*, Vol. 263, 042142, pp 1-6, 2017. DOI:10.1088/1757-899X/263/4/042142, @2017

283. Akram, M., M. Sitara, F. Smarandache, Graph structures in bipolar neutrosophic environment, *Mathematics*, 5(4), 60, 2017. DOI:10.3390/math5040060, @2017
284. Xu, X., G. Wei, Dual hesitant bipolar fuzzy aggregation operators in multiple attribute decision making, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 3, pp 155-164, 2017. DOI: 10.3233/KES-170360, @2017
285. Bera, T., N. Mahapatra, On neutrosophic soft rings, *OPSEARCH*, Vol. 54, Issue 1, pp 143–167, 2017, @2017
286. Imanov, G., H. Alieva, R. Yusifzadez, FINANCIAL STABILITY IN AZERBAIJAN: THE APPLICATION OF FUZZY APPROACH, *Bulletin of Monetary Economics and Banking*, Vol 19, No 3, pp 319-334, 2017, @2017
287. De, S., Triangular dense fuzzy lock sets, *Soft Computing*, pp 1-12, 2017, @2017
288. Tan, R., W. Zhang, Multiple attribute group decision making methods based on trapezoidal fuzzy neutrosophic numbers, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 4, pp 2547-2564, 2017. DOI: 10.3233/JIFS-161984, @2017
289. Lupiáñez, F., Other note on paraconsistent neutrosophic sets, *AIP Conference Proceedings*, Vol. 1872, Issue 1, 020008, 2017, @2017
290. Li, H., M. Zhao, Y. Li, G. Hao, Rank to intuitionistic fuzzy sets based on graphical geometric solution, *Control And Decision Conference (CCDC)*, 29th Chinese, INSPEC Accession Number: 17041910, pp 5517-5521, 2017. DOI: 10.1109/CCDC.2017.7979477, @2017
291. Pothiraj, B., S. Rajaram, INTUITIONISTIC FUZZY ASSIGNMENT PROBLEM WITH REPLACEMENT BASED ON INTUITIONISTIC FUZZY AGGREGATION, *Journal of Mathematical Archive (IJMA)*, Vol 8, No 2, 69-79, 2017, @2017
292. Zhao, H., J. You, H. Liu, Failure mode and effect analysis using MULTIMOORA method with continuous weighted entropy under interval-valued intuitionistic fuzzy environment, *Soft Computing*, Vol. 21, Issue 18, pp 5355–5367, 2017, @2017
293. Liu, P., F. Teng, Multiple attribute group decision making methods based on some normal neutrosophic number Heronian Mean operators, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp 2375-2391, 2017. DOI: 10.3233/JIFS-16345, @2017
294. Wan, S., Y. Qin, J. Dong, A hesitant fuzzy mathematical programming method for hybrid multi-criteria group decision making with hesitant fuzzy truth degrees, *Knowledge-Based Systems*, Vol. 138, pp 232-248, 2017, @2017
295. Liu, Z., P. Liu, W. Liu, J. Pang, Pythagorean uncertain linguistic partitioned Bonferroni mean operators and their application in multi-attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp 2779-2790, 2017. DOI: 10.3233/JIFS-16920, @2017
296. Islam, R., M. Hossain, M. Amin, Some Remarks on Intuitionistic L-T2 Spaces, *Annals of Pure and Applied Mathematics*, Vol. 13, No 2, pp 249-255, 2017, @2017
297. Zhou, W., Z. Xu, Extended Intuitionistic Fuzzy Sets Based on the Hesitant Fuzzy Membership and their Application in Decision Making with Risk Preference, *International Journal of Intelligent Systems*, Vol. 33, Issue 2, pp 417-443, 2017. DOI: 10.1002/int.21938, @2017
298. Seikh, M., P. Nayak, M. Pal, Intuitionistic Fuzzy Programming Technique for Solving Interval Valued Matrix Games, *International Journal of Pure and Applied Mathematics*, Vol. 113, No 6, pp 334-342, 2017, @2017
299. Gou, X., Z. Xu, H. Liao, Hesitant Fuzzy Linguistic Possibility Degree-Based Linear Assignment Method for Multiple Criteria Decision-Making, *International Journal of Information Technology & Decision Making*, pp. 1-29, 2017, @2017
300. Şahin, R., P. Liu, Some approaches to multi criteria decision making based on exponential operations of simplified neutrosophic numbers, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp 2083-2099, 2017. DOI: 10.3233/JIFS-161695, @2017
301. Muthukumar, P., G. Krishnan, Generalized Fuzzy Soft Rough Matrices and Their Applications in Decision-Making Problems, *International Journal of Fuzzy Systems*, pp 1-15, 2017, @2017
302. Pan, Z., Soundness and Completeness of Fuzzy Propositional Logic with Three Kinds of Negation, *Quantitative Logic and Soft Computing*, Part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 510), pp 71-79, 2017, @2017
303. Kumar, S., D. Joshi, Fuzzy Ideal Based Computational Approach for Group Decision Making Problems, *Fuzzy Information and Engineering*, Vol. 9, Issue 2, pp 247-258, 2017, @2017
304. Qin, Q., F. Liang, L. Li, Y. Chen, G. Yu, A TODIM-based multi-criteria group decision making with triangular intuitionistic fuzzy numbers, *Applied Soft Computing*, Vol. 55, pp 93-107, 2017, @2017
305. Liu, Y., M. Zheng, Mechanisms of Mixed Fuzzy Reasoning for Asymmetric Types, *Quantitative Logic and Soft Computing 2016*, Part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 510), pp 293-300, 2017, @2017
306. Shahriari, M., *Soft Computing Based on a Modified MCDM Approach under Intuitionistic Fuzzy Sets*, *Iranian Journal of Fuzzy Systems*, Article 3, Vol. 14, Issue 1, pp 23-41, 2017. DOI: 10.22111/IJFS.2017.3035, @2017
307. Sanchez, M., J. Castro, O. Castillo, O. Mendoza, A. Rodriguez-Diaz, P. Melin, Fuzzy higher type information granules from an uncertainty measurement, *Granular Computing*, Vol. 2, Issue 2, pp 95–103, 2017, @2017

308. Yager, R., N. Alajlan, Approximate reasoning with generalized orthopair fuzzy sets, *Information Fusion*, Vol. 38, pp 65-73, 2017, @2017
309. Wang, J., Y. Cao, H. Zhang, Multi-criteria decision-making method based on distance measure and choquet integral for linguistic Z-numbers, *Cognitive Computation*, Vol. 9, Issue 6, pp 827–842, 2017, @2017
310. SASIKALA, G., M. KRISHNAN, STUDY ON INTUITIONISTIC  $\alpha$ -OPEN SETS AND  $\alpha$ -CLOSED SETS, *International Journal of Mathematical Archive*, 8(1), pp 26-30, 2017. ISSN 2229-5046, @2017
311. Hao, Z., Z. Xu, H. Zhao, R. Zhang, Novel intuitionistic fuzzy decision making models in the framework of decision field theory, *Information Fusion*, Vol. 33, pp 57-70, 2017, @2017
312. THIRUSANGU, K., S. POORNAVEL, R. VASUKI, NEUTROSOPHIC (Q, L)-FUZZY SUBGROUP, *International Journal of Mathematical Archive*, 8(11), 207-212, 2017, @2017
313. DEVI, S., ON INTUITIONISTIC FUZZY n-NORM, *International Journal of Mathematical Archive*, 8(10), pp 153-164, 2017, @2017
314. Ai, Z., Z. Xu, Q. Lei, Limit properties and derivative operations in the metric space of intuitionistic fuzzy numbers, *Fuzzy Optimization and Decision Making*, Vol. 16, Issue 1, pp 71–87, 2017, @2017
315. Verma, R., Hesitant interval-valued fuzzy sets: some new results, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 3, pp 865–876, 2017, @2017
316. Anandh, B., M. Bharthi, INTUITIONISTIC LEFT OPERATOR SEMIGROUP OF AN ORDERED  $\Gamma$ -SEMIGROUPS, *International Journal of Mathematical Archive*, 8(9), pp 218-223, 2017, @2017
317. Ye, J., Some weighted aggregation operators of trapezoidal neutrosophic numbers and their multiple attribute decision making method, *Informatica*, Vol. 28, No. 2, pp. 387-402, 2017, @2017
318. Al-Qubati, A., On b-Regularity and Normality In Intuitionistic Fuzzy Topological Spaces, *Journal of Informatics and Mathematical Sciences*, Vol. 9, No 1, pp 89–100, 2017, @2017
319. Song, J., E. Tsang, D. Chen, X. Yang, Minimal decision cost reduct in fuzzy decision-theoretic rough set model, *Knowledge-Based Systems*, Vol. 126, pp 104-112, 2017, @2017
320. BĂRBĂCIORU, I., CARDINALITY AND ENTROPY FOR INTUITIONISTIC FUZZY SETS, *Fiability & Durability / Fiabilitate si Durabilitate*, Issue 1, pp 308-315, 2017, @2017
321. Acharjya, D., T. Das, A framework for attribute selection in marketing using rough computing and formal concept analysis, *IIMB Management Review*, Vol. 29, Issue 2, pp 122-135, 2017, @2017
322. Zhang, H., H. Peng, J. Wang, Jiang-quang Wang, An extended outranking approach for multi-criteria decision-making problems with linguistic intuitionistic fuzzy numbers, *Applied Soft Computing*, Vol. 59, pp 462-474, 2017, @2017
323. Markechová, D., B. Riečan, Kullback–Leibler Divergence and Mutual Information of Partitions in Product MV Algebras, *Entropy*, 19(6), 267, 2017. DOI:10.3390/e19060267, @2017
324. Bělohlávek, R., J. Dauben, G. Klir, *Fuzzy logic and mathematics: a historical perspective*, 554 pages, Oxford University Press, 2017. ISBN: 9780190200015, @2017
325. Liang, C., S. Zhao, J. Zhang, Multi-criteria group decision making method based on generalized intuitionistic trapezoidal fuzzy prioritized aggregation operators, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 2, pp 597–610, 2017, @2017
326. Sweetey, C., I. Arockiarani, Neutrosophic Topologies In Crisp Approximation Spaces, *Mathematical Sciences International Research Journal*, Vol. 6, Issue 1, pp 106-109, 2017, @2017
327. Biswas, R., *Continuous Fuzzy Evaluation Methods: A Novel Tool for the Analysis and Decision Making in Football (or Soccer) Matches: A New Innovative Proposal to FIFA & UEFA*, Ranjit Biswas (Ed), 2017. ISBN 978-3-319-70751-8. Springer, @2017
328. Dhavaseelan, R., S. Jafari, F. Smarandache, Compact Open Topology and Evaluation Map via Neutrosophic Sets, Vol. 16, pp 35-, 2017, @2017
329. Peng, H., J. Wang, Hesitant uncertain linguistic Z-numbers and their application in multi-criteria group decision-making problems, *International Journal of Fuzzy Systems*, Vol. 19, Issue 5, pp 1300–1316, 2017, @2017
330. Zhao, J., X. You, H. Liu, S. Wu, An Extended VIKOR Method Using Intuitionistic Fuzzy Sets and Combination Weights for Supplier Selection, *Symmetry*, 9(9), 169; 2017. DOI:10.3390/sym9090169, @2017
331. Kim, J, PK Lim, JG Lee, K Hur, The category of intuitionistic sets, *Annals of Fuzzy Mathematics and Informatics*, Volume 11, No. 2 (in pres), @2017
332. Tripathy, B., V. Sahai, N. Kaushik, Methods for Individual and Group Decision Making Using Interval-Valued Fuzzy Preference Relations, *Proceedings of the International Conference on Data Engineering and Communication Technology*, pp 197-206, 2017, @2017
333. Akram, M., M. Sitara, Bipolar neutrosophic graph structures, *Journal of the Indonesian Mathematical Society (JIMS)*, pp 55-80, 2017, @2017
334. Bashir, Z., J. Wątróbski, T. Rashid, W. Salabun, J. Ali, Intuitionistic-fuzzy goals in zero-sum multi criteria matrix games, *Symmetry*, 9(8), 158; 2017. DOI: 10.3390/sym9080158, @2017
335. Wang, C., S. Chen, Multiple attribute decision making based on interval-valued intuitionistic fuzzy sets, linear programming methodology, and the extended TOPSIS method, *Information Sciences*, Volumes 397–398, pp 155-167, 2017, @2017
336. Schütze, R., *Improving Service Level Engineering: An Intuitionistic Fuzzy Approach*, Page 193, 2017. ISBN 978-3-319-59716-4, @2017

337. Xu, X., D. Li, Z. Liu, Weighted Interval-Valued Belief Structures on Atanassov's Intuitionistic Fuzzy Sets, Quantitative Logic and Soft Computing 2016, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 510), pp 539-551, 2017, @2017
338. Dhavaseelan, R., M. Parimala, S. Jafari, F. Smarandache, On Neutrosophic Semi-Supra Open Set and Neutrosophic Semi-Supra Continuous Functions, Vol. 16, p 39-43, 2017, @2017
339. Wan, S., F. Wang, J. Dong, A three-phase method for group decision making with interval-valued intuitionistic fuzzy preference relations, IEEE Transactions on Fuzzy Systems, Volume PP, Issue 99, pp 1-1, 2017. DOI: 10.1109/TFUZZ.2017.2701324, @2017
340. Rahman, K., S. Abdullah, R. Ahmed, Pythagorean fuzzy Einstein weighted geometric aggregation operator and their application to multiple attribute group decision making, Journal of Intelligent & Fuzzy Systems, Vol. 33, No 1, pp 635-647, 2017, DOI: 10.3233/JIFS-16797, @2017
341. Hur, K., P. Lim, J. Lee, J. Kim, The category of neutrosophic crisp sets, (K. Hur, P. K. Lim, J. G. Lee, J. Kim, Eds), Annals of Fuzzy Mathematics and Informatics, 2017. In press, @2017
342. Venkatesan, D., S. Sriram, Multiplicative Operations of Intuitionistic Fuzzy Matrices, Annals of Pure and Applied Mathematics, Vol. 14, No 1, pp 173-181, 2017, @2017
343. Zhang, F., J. Chen, Y. Zhu, J. Li, Q. Li, Z. Zhuang, A Dual Hesitant Fuzzy Rough Pattern Recognition Approach Based on Deviation Theories and Its Application in Urban Traffic Modes Recognition, Symmetry, 9(11), 262; doi:10.3390/sym9110262, @2017
344. Pathinathan, T., M. Peter, J. Rosline, Balanced Intuitionistic Double Layered Fuzzy Graph, Journal of Computer and Mathematical Sciences, Vol. 8, No 8, 386-407, 2017, @2017
345. Pramanik, S., R. Roy, T. Roy, Teacher Selection Strategy Based on Bidirectional Projection Measure in Neutrosophic Number Environment, Neutrosophic Operational Research, (F. Smarandache, M. Abdel-Basset, V. Chang, Eds.), Vol. II, pp 29-49, Pons, Brussels, 2017. ISBN 978-1-59973-537-5, @2017
346. Saeid, A., Y. Jun, Neutrosophic subalgebras of BCK/BCI-algebras based on neutrosophic points, Annals of Fuzzy Mathematics, Vol. 14, No 1, 87-97, 2017., @2017
347. Muthuraji, T., S. Sriram, Representation and Decomposition of an Intuitionistic Fuzzy Matrix Using Some  $(\alpha, \alpha')$  Cuts, Applications & Applied Mathematics, Vol. 12, Issue 1, pp 241-258, 2017, @2017
348. Karaşan, A., C. Kahraman, A novel intuitionistic fuzzy DEMATEL–ANP–TOPSIS integrated methodology for freight village location selection, Journal of Intelligent & Fuzzy Systems, pp. 1-18, 2017. DOI: 10.3233/JIFS-17169, @2017
349. Bartková, R., B. Riečan, A. Tirpáková, Probability Theory for Fuzzy Quantum Spaces with Statistical Applications, 396 page, 2017. eISBN: 978-1-68108-538-8, 2017. ISBN: 978-1-68108-539-5. DOI: 10.2174/97816810853881170101, @2017
350. Das, S., D. Guha, R. Mesiar, Extended Bonferroni Mean Under Intuitionistic Fuzzy Environment Based on a Strict t-Conorm, IEEE Transactions on Systems, Man, and Cybernetics: Systems, INSPEC Accession Number: 17031051, Vol. 47, Issue 8, pp 2083-2099, 2017. DOI: 10.1109/TSMC.2016.2610001, @2017
351. Kumar, S., A. Biswas, Use of Possibility Measures for Ranking of Interval Valued Intuitionistic Fuzzy Numbers in Solving Multicriteria Decision Making Problems, International Conference on Computational Intelligence, Communications, and Business Analytics, CICBA 2017: Computational Intelligence, Communications, and Business Analytics, Part of the Communications in Computer and Information Science book series (CCIS, volume 776), pp 153-167, 2017, @2017
352. Liu, P., Multiple Attribute Decision-Making Methods Based on Normal Intuitionistic Fuzzy Interaction Aggregation Operators, Symmetry, 9(11), 261, pp 1- 28, 2017. DOI: 10.3390/sym9110261, @2017
353. Jin, H., Models for evaluating the vehicle stability performance with hesitant fuzzy information, Journal of Intelligent & Fuzzy Systems, Vol. 32, No. 3, pp. 2763-2769, 2017. DOI: 10.3233/JIFS-16868, @2017
354. Li, X., H. Yi, Intuitionistic fuzzy matroids, Journal of Intelligent & Fuzzy Systems, Vol. 33, No 6, pp 3653-3663, 2017. DOI: 10.3233/JIFS-17504, @2017
355. Li, S., X. Yuan, H. Li, Approximation of intuitionistic fuzzy numbers by trapezoidal intuitionistic fuzzy numbers, Journal: Journal of Intelligent & Fuzzy Systems, Vol. 33, No 1, pp 389-402, 2017. DOI: 10.3233/JIFS-161720, @2017
356. Das, P., T. Roy, Multi-objective Geometric Programming Problem Based on Neutrosophic Geometric Programming Technique, Neutrosophic Operational Research, (Florentin Smarandache, Mohamed Abdel-Basset, Yongquan Zhou, Eds), Vol. I, pp 133-144, 2017, @2017
357. Gonzalo, G., Extending the concepts of type-2 fuzzy logic and systems. PhD Thesis, Universidad de Granada, Spain, 2017, @2017
358. Akram, M., M. Sitara, Application of intuitionistic neutrosophic graph structures in decision-making, Annals of Fuzzy Mathematics and Informatics, Vol. 14, No 1, pp 1-xx, 2017. In press, @2017
359. Zhang, X., S. Yue, X. Zha, Method of power grid fault diagnosis using intuitionistic fuzzy Petri nets, IET Generation, Transmission & Distribution, 9 page, 2017. DOI: 10.1049/iet-gtd.2017.0471, @2017
360. Karaaslan, F., Multicriteria Decision-Making Method Based on Similarity Measures under Single-Valued Neutrosophic Refined and Interval Neutrosophic Refined Environments, International Journal of Intelligent Systems, Vol. 00, pp 1-24, 2017. DOI: 10.1002/int.21906, @2017

361. Pramanik, S., S. Dalapati, S. Alam, T. Roy, NC-TODIM-Based MAGDM under a Neutrosophic Cubic Set Environment, *Information*, 8(4), 149, pp 1-21, 2017. DOI: 10.3390/info8040149, @2017
362. Wang, F., Interval-valued intuitionistic fuzzy ideals of B-algebras, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 4, pp. 2609-2615, 2017, 2017. DOI: 10.3233/JIFS-17053, @2017
363. Thiagarasu, T., R. Dharmarajan, An Intuitionistic Fuzzy Topsis DSS Model with Weight Determining Methods, *International Journal of Engineering And Computer Science*, Vol. 6, Issue 2, pp 20354-20361, 2017. DOI: 10.18535/ijecs/v6i2.34, @2017
364. Wang, Y., Model for Evaluating the Logistics Service Quality of Cross-Border E-Commerce Enterprises with Intuitionistic Fuzzy Information, *Journal of Computational and Theoretical Nanoscience*, Vol. 14, No 2, pp 1136-1139(4), 2017, @2017
365. Bharati, S., S. Singh, A computational algorithm for the solution of fully fuzzy multi-objective linear programming problem, *International Journal of Dynamics and Control*, pp 1-8, 2017, @2017
366. Nan, J., D. Li, J. An, Solving bi-matrix games with intuitionistic fuzzy goals and intuitionistic fuzzy payoffs, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 6, pp. 3723-3732, 2017. DOI: 10.3233/JIFS-17595, @2017
367. Akinade, O., Bim-based software for construction waste analytics using artificial intelligence hybrid models, PhD Thesis, University of the West of England, Bristol, UK., 2017, @2017
368. Issa, H., E. Ostrosi, M. Lenczner, R. Habib, Fuzzy holons for intelligent multi-scale design in cloud-based design for configurations, *Journal of Intelligent Manufacturing*, Vol. 28, Issue 5, pp 1219–1247, 2017, @2017
369. Bhattacharyya, S., I. Pan, A. Mukherjee, P. Dutta, S. De, S. Das, S. Bhattacharyya, P. Dutta, Multilevel image segmentation using modified genetic algorithm (MfGA) based fuzzy C-means, In: *Hybrid Intelligence for Image Analysis and Understanding*, 2017. John Wiley & Sons Ltd. DOI: 10.1002/9781119242963.ch1, @2017
370. Zhang, Z., Interval-valued intuitionistic fuzzy Frank aggregation operators and their applications to multiple attribute group decision making, *Neural Computing and Applications*, Vol. 28, Issue 6, pp 1471–1501, 2017, @2017
371. Efe, B., M. Kurt, Ö. Efe, An integrated intuitionistic fuzzy set and mathematical programming approach for an occupational health and safety policy, *Gazi University Journal of Science*, Vol. 30, No 2, pp 73-95, 2017, @2017
372. Kahraman, C., S. Onar, S. Cebi, B. Oztaysi, Extension of information axiom from ordinary to intuitionistic fuzzy sets: An application to search algorithm selection, *Computers & Industrial Engineering*, Vol. 105, pp 348-361, 2017. Elsevier, @2017
373. Kaya, G., Neutrosophic topolojik uzaylarda süreklilik. PhD Thesis, Ordu Üniversitesi, Turkey, 2017., @2017
374. Lei, Q., Z. Xu, Intuitionistic Fuzzy Calculus, *Studies in Fuzziness and Soft Computing* (book series), 165 pages, 2017, @2017
375. Shen, K., Compromise between Short-and Long-Term Financial Sustainability: A Hybrid Model for Supporting R&D Decisions, *Sustainability*, 9(3), 375, 2017. doi:10.3390/su9030375, @2017
376. Sangaiah, A., X. Gao, A. Abraham, *Handbook of Research on Fuzzy and Rough Set Theory in Organizational Decision Making*, 116-136, 2017. researchgate.net, @2017
377. Song, Y., X. Wang, A new similarity measure between intuitionistic fuzzy sets and the positive definiteness of the similarity matrix, *Pattern Analysis and Applications*, Vol. 20, Issue 1, pp 215–226, 2017, @2017
378. Huang, H., Y. Guo, An Improved Correlation Coefficient of Intuitionistic Fuzzy Sets, *Journal of Intelligent Systems*, 2017. DOI: <https://doi.org/10.1515/jisys-2017-0094>, @2017
379. Büyüközkan, G., F. Göçer, Application of a new combined intuitionistic fuzzy MCDM approach based on axiomatic design methodology for the supplier selection problem, *Applied Soft Computing*, Vol. 52, pp 1222-1238, 2017, @2017
380. Peng, H., J. Wang, J. Ming, P. Shi, Fault Diagnosis of Power Systems Using Intuitionistic Fuzzy Spiking Neural P Systems, Published in: *IEEE Transactions on Smart Grid*, Volume: PP, Issue: 99, 2017. DOI: 10.1109/TSG.2017.2670602, @2017
381. Liu, Y., J. Bi, Z. Fan, Ranking products through online reviews: A method based on sentiment analysis technique and intuitionistic fuzzy set theory, *Information Fusion*, Vol. 36, pp 149-161, 2017, @2017
382. Soundrapandian, R., M. Karuppiah, S. Kumari, S. Tyagi, Wu Jung, An Efficient DWT and Intuitionistic Fuzzy Based Multimodality Medical Image Fusion, *International Journal of Imaging Systems and Technology*, Vol. 27, Issue 2, pp 118-132, 2017, @2017
383. Tyagi, K., A. Tripathi, Equalities based on rough intuitionistic fuzzy topology, *AIP Conference Proceedings*, 1802, 020018, 2017, @2017
384. Meenakshi, S., D. Amsaveni, J. Tamilmani, INTUITIONISTIC FUZZY DIGITAL CONVEXITY, *International Journal of Computational and Applied Mathematics*, Vol. 12, No 1, pp 54-63, 2017, @2017
385. Oliveira, De, F. Moraes, Reconhecimento de padrão em pacientes com esclerose sistêmica por sistemas fuzzy, PhD Theis, Instituto Alberto Luiz Coimbra, Rio de Janeiro, Brasil, 2017., @2017
386. Thong, P., Some novel hybrid forecast methods based on picture fuzzy clustering for weather nowcasting from satellite image sequences, *Applied Intelligence*, Vol. 46, Issue 1, pp 1–15, 2017, @2017
387. Tenorio, Fernando Monroy. Medidas de asociación en escalas bipolares para la minería de opinión en redes sociales, PhD Thesis, Instituto Politecnico Nacional, Mexico City, Mexico, 2017., @2017

388. Salem, N., S. Beloul, Common Fixed Point Theorems for Weakly Subsequentially Continuous Mappings in Modified Intuitionistic Fuzzy Metric Spaces, *Universal Journal of Applied Mathematics*, 5(5), pp 96-105, 2017. DOI: 10.13189/ujam.2017.050502, @2017
389. Peng, X., H. Yuan, Y. Yang, Pythagorean fuzzy information measures and their applications, *International Journal of Intelligent Systems*, Vol. 32, Issue 10, pp 991-1029, 2017. DOI: 10.1002/int.21880, @2017
390. Viet, P., P. Hai, Picture inference system: a new fuzzy inference system on picture fuzzy set, *Applied Intelligence*, Vol. 46, Issue 3, pp 652–669, 2017, @2017
391. Ragamayi, S., J. Rao, T. Eswarlal, Y. Bhargavi, VAGUE IDEALS OF A F-NEAR RING, *Journal of Global Research in Mathematical Archives*, Vol. 4, No 11, pp 70-75, 2017, @2017
392. Broumi, S., A. Bakali, M. Talea, F. Smarandache, Shortest path problem under trapezoidal neutrosophic information, *Computing Conference*, 18-20 July 2017, London, UK, pp 1-7, 2017, @2017
393. Zhang, C., D. Li, A. Sangaiah, S. Broumi, Merger and acquisition target selection based on interval neutrosophic multigranulation rough sets over two universes, *Symmetry*, 9(7), 126, pp 1-20, 2017. doi:10.3390/sym9070126, @2017
394. Sellak, H., B. Ouhbi, B. Frikh, Multi-criteria decision analysis based on hesitant fuzzy linguistic term sets: Application in photovoltaic technologies assessment, *Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS)*, 2017 Joint 17th World Congress of International, INSPEC Accession Number: 17151211, 2017, DOI: 10.1109/IFSA-SCIS.2017.8023290, @2017
395. Amma, B., S. Melliani, L. Chadli, Intuitionistic Fuzzy Functional Differential Equations, *North American Fuzzy Information Processing Society Annual Conference, NAFIPS 2017: Fuzzy Logic in Intelligent System Design*, pp 335-357, 2017, @2017
396. Khuman, A., The Quantification of Perception Based Uncertainty Using R-fuzzy Sets and Grey Analysis, PhD Thesis, De Montfort University, UK, 2017, @2017
397. Zhang, Z., Y. Hu, K. Xiao, S. Yuan, Z. Chen, A Rule Extraction for Outsourced Software Project Risk Classification, *Advances in Computer and Computational Sciences*, Part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 554), pp 87-99, 2017, @2017
398. Wibowo, S., S. Grandhi, Benchmarking knowledge management practices in small and medium enterprises: A fuzzy multicriteria group decision-making approach, *Benchmarking: An International Journal*, Vol. 24, Issue 5, pp 1215-1233, 2017, @2017
399. Wadhwa, K., A. Dubey, Some Common Fixed Point Theorems using Faintly Compatible Maps in Intuitionistic Fuzzy Metricspace, *International Journal*, pp 443-441, 2017, @2017
400. Bhattacharyya, S., I. Pan, A. Mukherjee, P. Dutta, Hybrid Intelligence for Image Analysis and Understanding, (S Bhattacharyya, I Pan, A Mukherjee, P Dutta, Eds), 464 pages, 2017. ISBN: 978-1-119-24292-5, @2017
401. Zhang, S., Z. Xu, Y. He, Operations and integrations of probabilistic hesitant fuzzy information in decision making, *Information Fusion*, Vol. 38, pp 1-11, 2017, @2017
402. Krishankumar, R., K. Ravichandran, A. Saeid, A new extension to PROMETHEE under intuitionistic fuzzy environment for solving supplier selection problem with linguistic preferences, *Applied Soft Computing*, Vol. 60, pp 564-576, 2017, @2017
403. Vaithiyalingam, K. Weakly pi-generalized closed in an intuitionistic fuzzy topological space. PhD Thesis, Post Graduate and Research Department of Mathematics, SRI Vasavi College, Erode, India, 2017, @2017
404. Ye, J., Multiple Attribute Decision-Making Method Using Correlation Coefficients of Normal Neutrosophic Sets, *Symmetry*, 9(6), 80, pp 2-10, 2017. doi:10.3390/sym9060080, @2017
405. TAN, R. W. ZHANG, S. CHEN, Some Generalized Single Valued Neutrosophic Linguistic Operators and Their Application to Multiple Attribute Group Decision Making, *Journal of Systems Science and Information*, Vol. 5, No 2, pp 148–162, 2017. DOI: 10.21078/JSSI-2017-148-15, @2017
406. Karaşan, A., C. Kahraman, Interval-Valued Neutrosophic Extension of EDAS Method, *Advances in Fuzzy Logic and Technology*, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, *Proceedings of the Conference of the European Society for Fuzzy Logic and Technology WIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 343-357, 2017, @2017
407. Velu, L., J. Selvaraj, D. Ponnialagan, A New Ranking Principle For Ordering Trapezoidal Intuitionistic Fuzzy Numbers, *Complexity*, Volume 2017 (2017), Article ID 3049041, 24 pages, 2017, @2017
408. Ye, J., Subtraction and Division Operations of Simplified Neutrosophic Sets, *Information*, 8(2), 51; 2017. DOI:10.3390/info8020051, @2017
409. Mandar, M., L. Karim, A. Boulmakoul, A. Lbath, Triangular intuitionistic fuzzy number theory for driver-pedestrians interactions and risk exposure modeling, *Procedia Computer Science*, Vol. 109, pp 148-155, 2017, @2017
410. Aliahmadipour, L., V. Torra, E. Eslami, On hesitant fuzzy clustering and clustering of hesitant fuzzy data, *Fuzzy Sets, Rough Sets, Multisets and Clustering*, pp 157-168, 2017, @2017
411. Wang, Z., X. Zhang, A two-stage acceptable hesitancy based goal programming framework to evaluating missing values of incomplete intuitionistic reciprocal preference relations, *Computers & Industrial Engineering*, Vol. 105, pp 190-200, 2017, @2017
412. Yazdanbakhsh, O., S. Dick, Forecasting of Multivariate Time Series via Complex Fuzzy Logic, *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, Vol. 47, Issue 8, INSPEC Accession Number: 17031073, pp 2160 - 2171, 2017. DOI: 10.1109/TSMC.2016.2630668, @2017

413. Akram, A., M. Sitara, Certain Concepts in Intuitionistic Neutrosophic Graph Structures, *Information*, 8(4), 154, 2017. DOI: 10.3390/info8040154, @2017
414. Uma, R., P. Murugadas, S. Sriram, Generalized inverse of fuzzy neutrosophic soft matrix, *Journal of Linear and Topological Algebra*, Vol. 06, No 02, pp 109-123, 2017, @2017
415. Chen, S., Z. Huang, Multiattribute decision making based on interval-valued intuitionistic fuzzy values and linear programming methodology, *Information Sciences*, Vol. 381, pp 341-351, 2017, @2017
416. Şahin, S., Normal neutrosophic multiple attribute decision making based on generalized prioritized aggregation operators, *Neural Computing and Applications*, pp 1-21, 2017, @2017
417. Sarkar, M., T. Roy, Optimization of Welded Beam with Imprecise Load and Stress by Parameterized Intuitionistic Fuzzy Optimization Technique, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 577-608, 2017, @2017
418. Tooranloo, H., A. Iranpour, Supplier selection and evaluation using interval-valued intuitionistic fuzzy AHP method, *International Journal of Procurement Management*, Vol. 10, Issue 5, pp 539-554, 2017, @2017
419. He, Y., Z. He, H. Huang, Decision making with the generalized intuitionistic fuzzy power interaction averaging operators, *Soft Computing*, Vol. 21, Issue 5, pp 1129–1144, 2017, @2017
420. Song, X., Q. Zhang, W. Sun, W. Wei, Energy-efficient data gathering protocol in unequal clustered WSN utilizing fuzzy multiple criteria decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 5, pp 3461-3473, 2017. DOI: 10.3233/JIFS-169284, @2017
421. Tang, H., Decision making based on interval-valued intuitionistic fuzzy soft sets and its algorithm, *Journal of Computational Analysis and Applications*, Vol. 23, No 1, 119-131, 2017, @2017
422. Kavitha, M., P. Murugadas, S. Sriram, Minimal solution of fuzzy neutrosophic soft matrix, Vol. 6, No 2, 171-189, 2017, @2017
423. Wu, S., G. Wei, Picture uncertain linguistic aggregation operators and their application to multiple attribute decision making, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 4, pp 243-256, 2017. DOI: 10.3233/KES-170368, @2017
424. Debnath, P., A NEW TYPE OF CONVERGENCE IN INTUITIONISTIC FUZZY NORMED LINEAR SPACES, *Journal of New Theory*, Vol. 15, pp 19-25, 2017, @2017
425. Eyoh, I., R. John, G. De Maere, Interval Type-2 Intuitionistic Fuzzy Logic for Regression Problems, *IEEE Transactions on Fuzzy Systems*, Volume: PP, Issue: 99, 2017. DOI: 10.1109/TFUZZ.2017.2775599, @2017
426. Broumi, S., M. Talea, A. Bakali, F. Smarandache, P. Kumar, Shortest path problem on single valued neutrosophic graphs, *Networks, Computers and Communications (ISNCC)*, 2017 International Symposium on, INSPEC Accession Number: 17261895, pp 1-6, 2017. DOI: 10.1109/ISNCC.2017.8071993, @2017
427. Castillo, O., A. Hernandez-Aguila, M. Garcia-Valdez, A method for graphical representation of membership functions for intuitionistic fuzzy inference systems, 21st ICIFS, 22–23 May 2017, Burgas, Bulgaria, *Notes on Intuitionistic Fuzzy Sets*, Vol. 23, No 2, pp 79–87, 2017. Print ISSN 1310–4926, Online ISSN 2367–8283, @2017
428. Naz, H Rashmanlou, MA Malik, Operations on single valued neutrosophic graphs with application, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 2137-2151, 2017. DOI: 10.3233/JIFS-161944, @2017
429. Fan, X., Y. Lei, Y. Wang, Adaptive partition intuitionistic fuzzy time series forecasting model, *Journal of Systems Engineering and Electronics*, Vol. 28, Issue 3, pp 585 - 596, 2017. DOI: 10.21629/JSEE.2017.03.18, @2017
430. Jeyaraman, M., R. Muthuraj, M. Somavalli, S. Manro, Common Fixed Point Theorems in Dislocated Generalized Intuitionistic Fuzzy Metric Space, *BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE*, Vol. 7, pp 437-444, 2017. DOI: 10.7251/BIMVI1703437J, @2017
431. Rodríguez, A., F. Ortega, R. Concepción, An intuitionistic method for the selection of a risk management approach to information technology projects, *Information Sciences*, Vol. 375, pp 202-218, 2017, @2017
432. Khan, I., A. Aggarwal, A. Mehra, Solving matrix games with Atanassov's I-fuzzy goals via indeterminacy resolution approach, *Journal of Information and Optimizations Sciences*, Vol. 38, Issue 2, pp 259-287, 2017, @2017
433. Yavuz, Y., S. Onar, D. Sonmez, B. Ersoy, INTUITIONISTIC FUZZY 2-ABSORBING IDEALS OF COMMUTATIVE RINGS, *Journal of Hyperstructures*, 6, pp 56-71, 2017, @2017
434. Wei, C., R. Rodríguez, L. Martínez, Uncertainty Measures of Extended Hesitant Fuzzy Linguistic Term Sets, *IEEE Transactions on Fuzzy Systems*, Vol. PP, Issue 99, Page(s): 1 - 1, 2017, DOI: 10.1109/TFUZZ.2017.2724023, @2017
435. Peng, X., J. Dai, Approaches to Pythagorean Fuzzy Stochastic Multi-criteria Decision Making Based on Prospect Theory and Regret Theory with New Distance Measure and Score Function, *International Journal of Intelligent Systems*, Vol. 32, Issue 11, pp 1187-1214, 2017. DOI: 10.1002/int.21896, @2017
436. Banerjee, B., B. Giri, S. Pramanik, F. Smarandache, GRA for Multi Attribute Decision Making in Neutrosophic Cubic Set Environment, *Neutrosophic Sets and Systems*, Vol. 15, pp 60-69, 2017. DOI: 10.5281/zenodo.570938, @2017
437. Sahu, M., A. Gupta, A. Mehra, Hierarchical clustering of interval-valued intuitionistic fuzzy relations and its application to elicit criteria weights in MCDM problems, *OPSEARCH*, Vol. 54, Issue 2, pp 388–416, 2017, @2017
438. Sugandhi, A., S.K Tiwari, A. Pariya, Theorems for Weakly Compatible Mappings Using Common Property (EA) in Modified Intuitionistic Fuzzy Metric Space, *Intern. J. Fuzzy Mathematical Archive*, Vol. 12, No 1, 1-9, 2017, @2017
439. Deli, I., Interval-valued neutrosophic soft sets and its decision making, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 2, pp 665–676, 2017, @2017

440. Botía, J., A. Cárdenas, C. Sierra, Fuzzy cellular automata and intuitionistic fuzzy sets applied to an optical frequency comb spectral shape, *Engineering Applications of Artificial Intelligence*, Vol. 62, pp 181-194, 2017, @2017
441. Ngan, S., A unified representation of intuitionistic fuzzy sets, hesitant fuzzy sets and generalized hesitant fuzzy sets based on their u-maps, *Expert Systems with Applications*, Vol. 69, 1 pp 257-276. 2017, @2017
442. Wang, S., Interval-valued intuitionistic fuzzy Choquet integral operators based on Archimedean t-norm and their calculations, *Journal of Computational Analysis & Applications*, Vol. 23, Issue 1, Accession Number: 119381941, pp 703-712, 2017. ISSN: 1521-1398, @2017
443. Robinson, J., H. Amirtharaj, MAGDM problems with correlation coefficient of Triangular Fuzzy IFS, *Theoretical and Practical Advancements for Fuzzy System Integration*, (Li Deng-Feng, Eds), 154, Pages 39, 2017. DOI: 10.4018/978-1-5225-1848-8.ch007, @2017
444. Liu, C., Y. Luo, New aggregation operators of single-valued neutrosophic hesitant fuzzy set and their application in multi-attribute decision making, *Pattern Analysis and Applications*, pp 1–11, 2017, @2017
445. Tavana, M., D. Di Caprio, F. Santos-Arteaga, A multi-criteria perception-based strict-ordering algorithm for identifying the most-preferred choice among equally-evaluated alternatives, *Information Sciences*, Vol. 381, pp 322-340, 2017, @2017
446. Zenian, S., T. Ahmad, A. Idris, A comparison of ordinary fuzzy and intuitionistic fuzzy approaches in visualizing the image of flat electroencephalography, *Journal of Physics: Conference Series*, Vol. 890, conference 1, 012079, 2017. DOI: 10.1088/1742-6596/890/1/012079, @2017
447. Divya, G., J. Malarvizhi, SOME OPERATIONS ON NEUTROSOPHIC FUZZY GRAPHS, *International Journal of Mathematical Archive*, 8(9), pp 120-125, 2017, @2017
448. Büyükköçkan, G., F. Göçer, Smart Medical Device Selection Based on Interval Valued Intuitionistic Fuzzy VIKOR, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, In: *Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, (Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M., Eds), vol 641, pp 306-317, 2017, @2017
449. Bera, T., N. Mahapatra, On neutrosophic normal soft groups, *International Journal of Applied and Computational Mathematics*, Vol. 3, Issue 4, pp 3047–3066, 2017, @2017
450. Bharati, S., Ranking Method of Intuitionistic Fuzzy Numbers, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 9, pp 4595-4608, 2017, @2017
451. Murugadas, P., M. Thirumagal, Intuitionistic Q1-Fuzzy k-ideals of Semi-Ring, *Annals of Pure and Applied Mathematics*, Vol. 13, No 2, pp 257-272, 2017, @2017
452. Ebrahimnejad, A., J. Verdegay, A new approach for solving fully intuitionistic fuzzy transportation problems, *Fuzzy Optimization and Decision Making*, pp 1–28, 2017, @2017
453. Quirós, P., P. Alonso, I. Díaz, V. Janiš, S. Montes, On cardinalities of finite interval-valued hesitant fuzzy sets, *Information Sciences*, Vol. 418–419, pp 421-431, 2017, @2017
454. Rani, R., K. Elangovan, An emerging intuitionistic fuzzy based groundwater level prediction, *NISCAIR Online Periodicals Repository*, pp 1213-1219, 2017, @2017
455. Castiblanco, F., D. Gómez, J. Montero, J. Rodríguez, Aggregation tools for the evaluation of classifications, *Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS)*, 2017 Joint 17th World Congress of International, pp 1-5, 2017, DOI: 10.1109/IFSA-SCIS.2017.8023242, @2017
456. Zhang, C., W. Su, S. Zeng, Intuitionistic Linguistic Multiple Attribute Decision-making Based on Heronian Mean Method and Its Application to Evaluation of Scientific Research Capacity, *EURASIA Journal of Mathematics, Science and Technology Education*, 3(12), pp 8017-8025, 2017. DOI: 10.12973/ejmste/77933, @2017
457. Raheja, S., Intuitionistic Fuzzy Set Theory with Fair Share CPU Scheduler: A Dynamic Approach, *Theoretical and Practical Advancements for Fuzzy System Integration*, (Li Deng-Feng, Ed.), pp 126-153, 2017. DOI: 10.4018/978-1-5225-1848-8.ch006, @2017
458. El-Gendy, O., Intuitionistic Fuzzy BRK-ideal of BRK-algebra with Interval-valued Membership and Non Membership Functions, *Intern. J. Fuzzy Mathematical Archive*, Vol. 12, No 1, pp 11-21, 2017, @2017
459. Hassan, A., M. Malik, S. Broumi, A. Bakali, M. Talea, Special types of bipolar single valued neutrosophic graphs, *Analysis of Fuzzy Mathematics and Informatics*, 14(1), 55-73, 2017, @2017
460. Khan, M., Q. Lohani, M. Mursaleen, A novel intuitionistic fuzzy similarity measure based on double sequence by using modulus function with application in pattern recognition, *Cogent Mathematics*, 4: 1385374, pp 1-12, 2017, @2017
461. Guan, J., D. Zhou, F. Meng, Distance Measure and Correlation Coefficient for Linguistic Hesitant Fuzzy Sets and Their Application, *Informatica*, Vol. 28, No. 2, pp. 237-268, 2017, @2017
462. Jun, Y., F. Smarandache, H. Bordbar, Neutrosophic N-Structures Applied to BCK/BCI-Algebras, *Information*, 8(4), 128, 2017. DOI: 10.3390/info8040128, @2017
463. Bera, T., N. Mahapatra, On Neutrosophic Soft Linear Spaces, *Fuzzy Information and Engineering*, Vol. 9, Issue 3, pp 299-324, 2017, @2017
464. Das, S., D. Guha, R. Mesiar, Information measures in the intuitionistic fuzzy framework and their relationships, *IEEE Transactions on Fuzzy Systems*, Volume: PP, Issue 99, 2017. DOI: 10.1109/TFUZZ.2017.2738603, @2017
465. Chang, K., A novel supplier selection method that integrates the intuitionistic fuzzy weighted averaging method and a soft set with imprecise data, *Annals of Operations Research*, pp 1-19, 2017, @2017

466. Sahin, M., N. Olgun, V. Uluçay, A. Kargin, F. Smarandache, A New Similarity Measure Based on Falsity Value between Single Valued Neutrosophic Sets Based on the Centroid Points of Transformed Single Valued Neutrosophic Numbers with Applications to Pattern Recognition, *Neutrosophic Sets & Systems*, Vol. 15, pp 31-48, 2017. DOI: 10.5281/zenodo.570934, @2017
467. Mohanty, R., T. Sooraj, B. Tripathy, IVIFS and Decision-Making, *Proceedings of the International Conference on Data Engineering and Communication Technology*, pp 319-330, 2017, @2017
468. Gunasekaran, K., D. Gunaseelan, SOME SPECIAL OPERATORS OVER BIPOLAR INTUITIONISTIC M-FUZZY GROUP AND ANTI M-FUZZY GROUP, *International Journal of Pure and Applied Mathematics*, Vol. 113, No. 11, 11–19, 2017, @2017
469. Sarkar, M., T. Roy, Multi-objective Cylindrical Skin Plate Design Optimization based on Neutrosophic Optimization Technique, Florentin Smarandache, In: *Neutrosophic Operational Research*, (Mohamed Abdel-Basset, Yongquan Zhou, Eds), Vol. I, pp 93-105, 2017, @2017
470. Liu, H., J. You, C. Duan, An integrated approach for failure mode and effect analysis under interval-valued intuitionistic fuzzy environment, *International Journal of Production Economics*, 2017. In Press, @2017
471. Mishra, S., H. Rashmanlou, A. Pal, Coherent Category of Interval-valued Intuitionistic Fuzzy Graphs, *Journal of Multiple-Valued Logic & Soft Computing*, Vol. 29, Issue 3/4, pp 355-372, 2017., @2017
472. Lu, M., G. Wei, F. Alsaadi, T. Hayat, Bipolar 2-tuple linguistic aggregation operators in multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp. 1197-1207, 2017, 2017. DOI: 10.3233/JIFS-16946, @2017
473. Wang, H., J. Li, D. Wang, Z. Huang, A novel method of fuzzy fault tree analysis combined with VB program to identify and assess the risk of coal dust explosions, *PLoS ONE*, Vol. 12, Issue 8, e0182453, 2017, @2017
474. Aikhuele, D., S. Sorooshian, R. Ansah, Application of Intuitionistic Fuzzy Topsis Model for Troubleshooting an Offshore Patrol Boat Engine, *Polish Maritime Research*, 2 (94), Vol. 24, pp 68-76, 2017, DOI: 10.1515/pomr-2017-0051, @2017
475. Li, X., H. Yi, Y. She, B. Sun, Generalized three-way decision models based on subset evaluation, *International Journal of Approximate Reasoning*, Vol. 83, pp 142-159, 2017. DOI: 10.3233/JIFS-17504, @2017
476. Sahoo, S., M. Pal, Product of intuitionistic fuzzy graphs and degree, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 1059-1067, 2017. DOI: 10.3233/JIFS-16348, @2017
477. Ma, Y., J. Wang, J. Wang, X. Wu, An interval neutrosophic linguistic multi-criteria group decision-making method and its application in selecting medical treatment options, *Neural Computing and Applications*, Vol. 28, Issue 9, pp 2745–2765, 2017, @2017
478. Liao, H., Z. Xu, Hesitant Fuzzy Set and Its Extensions, In: *Hesitant Fuzzy Decision Making Methodologies and Applications*, Part of the Uncertainty and Operations Research book series (UOR), pp. 1-36. Springer Singapore, 2017, @2017
479. Reformat, M., R. Yager, Composition-based Users' matching processes with pythagorean fuzzy sets, *Fuzzy Systems (FUZZ-IEEE)*, 2017 IEEE International Conference on, INSPEC Accession Number: 17137686, pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015747, @2017
480. Vidhya, R., R. Hepzibah, A comparative study on interval arithmetic operations with intuitionistic fuzzy numbers for solving an intuitionistic fuzzy multi-objective linear programming problem, *International Journal of Applied Mathematics and Computer Science*, Vol. 27, No 3, pp 563–573, 2017. DOI: 10.1515/amcs-2017-0040, @2017
481. Zhang, Z., Hesitant fuzzy multi-criteria group decision making with unknown weight information, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 615–636, 2017, @2017
482. Fang, Z., J. Ye, Multiple attribute group decision-making method based on linguistic neutrosophic numbers, *Symmetry*, 9(7), 111; 2017. DOI: 10.3390/sym9070111, @2017
483. Sun, B., W. Ma, X. Li, Linguistic value soft set-based approach to multiple criteria group decision-making, *Applied Soft Computing*, Applied Soft Computing, Vol. 58, pp 285-296, 2017, @2017
484. Liu, Y., H. Zhao, Z. Xu, An orthogonal clustering method under hesitant fuzzy environment, *International Journal of Computational Intelligence Systems*, Vol. 10, pp 663–676, 2017, @2017
485. Mail, W., J. Zhou, S. Zeng, C. Zhang, Y. Kaifeng, A Novel Method for Intuitionistic Fuzzy MAGDM with Bonferroni Weighted Harmonic Means, *Recent Patents on Computer Science*, Vol. 10, No 2, pp 178-189(12), 2017, @2017
486. Johnson, T., Applications of Intuitionistic Fuzzy Sets in the Academic Career of the Students, *Indian Journal of Science and Technology*, Vol. 10, Issue 34, pp 1-5, 2017. DOI: 10.17485/ijst/2017/v10i34/94944, @2017
487. Kutlu, K., On separation axioms in temporal intuitionistic fuzzy Šostak topology, 4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, 3–7 May 2017, Mersin, Turkey, *Notes on IFS*, Vol. 23, No 1, pp 21–30, 2017, @2017
488. Tian, Z., Jing Wang, Jian-qiang Wang, H. Zhang, Simplified neutrosophic linguistic multi-criteria group decision-making approach to green product development, *Group Decision and Negotiation*, Vol. 26, Issue 3, pp 597–627, 2017, @2017
489. Garg, H., R. Arora, A nonlinear-programming methodology for multi-attribute decision-making problem with interval-valued intuitionistic fuzzy soft sets information, *Applied Intelligence*, pp 1-16, 2017, @2017
490. Alcantud, J. , T. Mathew, Separable fuzzy soft sets and decision making with positive and negative attributes, *Applied Soft Computing*, Vol. 59, pp 586-595, 2017, @2017

491. Yu, D., Hesitant fuzzy multi-criteria decision making methods based on Heronian mean, *Technological and Economic Development of Economy*, Volume 23, Issue 2, Pages 296-315, 2017, @2017
492. Mishra, A., R.. Kumari, D. Sharma, Intuitionistic fuzzy divergence measure-based multi-criteria decision-making method, *Neural Computing and Applications*, pp 1-16, 2017, Springer, @2017
493. Puvaneswari, P., K. Bageerathi, On Neutrosophic Feebly Open Set In Neutrosophic Topological Spaces, Vol. 41, No 3, pp 230-236, 2017, @2017
494. Zeng, S., J. Merigó, Intuitionistic fuzzy induced ordered weighted averaging distance operator and its application to decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 11-22, 2017. DOI: 10.3233/JIFS-141219, @2017
495. Rassias, J., M. Arunkumar, S. Karthikeyan, Ulam-Hyers Stability of Quadratic Reciprocal Functional Equation in Intuitionistic Random Normed spaces: Various Methods, *Malaya J. Mat*, Vol. 5, No 2, pp 293–304, 2017, @2017
496. Arokianani, I., R. Dhavaseelan, S. Jafari, M. Parimala, On Some New Notions and Functions in Neutrosophic Topological Spaces, *Neutrosophic Sets & Systems*, Vol. 16, pp 16-19, 2017, @2017
497. Zhao, N., Z. Xu, Z. Ren, Some Approaches to Constructing Distance Measures for Hesitant Fuzzy Linguistic Term Sets with Applications in Decision-Making, *Journal of Information Technology & Decision Making*, pp 1-30, 2017, @2017
498. Wei, G., Some cosine similarity measures for picture fuzzy sets and their applications to strategic decision making, *Informatica*, Vol. 28, No 3, pp 547-564, 2017, @2017
499. Garg, H., N. Agarwal, A. Tripathi, Choquet integral-based information aggregation operators under the interval-valued intuitionistic fuzzy set and its applications to decision-making process, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 3, pp 249-269, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020076, @2017
500. Uthra, G., K. Thangavelu, An Optimal Solution for Generalized Trapezoidal Intuitionistic Fuzzy Transportation Problem, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp. 763-770, 2017. ISSN 0973-533X, @2017
501. Zhang, R., J. Wang, X. Zhu, M. Xia, M. Yu, Some Generalized Pythagorean Fuzzy Bonferroni Mean Aggregation Operators with Their Application to Multiattribute Group Decision-Making, *Complexity*, Volume 2017, Article ID 5937376, 16 pages, 2017, @2017
502. Aras, C., A. Sonmez, H. Cakalli, An approach to soft functions, *Journal of Mathematical Analysis*, Vol.8, Issue 2, pp 129-138, 2017, @2017
503. Ye, J., Aggregation Operators of Trapezoidal Intuitionistic Fuzzy Sets to Multicriteria Decision Making, *Journal of Intelligent Information Technologies (IJIIT)*, Vol. 13, Issue 4, Pages 22, 2017. DOI: 10.4018/IJIIT.2017100101, @2017
504. Gupta, G., K. Anupum, An Efficient Method for Solving Intuitionistic Fuzzy Transportation Problem of Type-2, *International Journal of Applied and Computational Mathematics*, Vol. 3, Issue 4, pp 3795–3804, 2017, @2017
505. Zhang, F., S. Xu, Remarks to “Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets”, *Soft Computing*, Vol. 21, Issue 9, pp 2263–2268, 2017, @2017
506. Hernandez-Aguila, V., M. Garcia-Valdez, O. Castillo, Juan-Julián M. Guervós, 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015697, @2017
507. Liu, C., G. Tang, P. Liu, An Approach to Multicriteria Group Decision-Making with Unknown Weight Information Based on Pythagorean Fuzzy Uncertain Linguistic Aggregation Operators, *Mathematical Problems in Engineering*, Article ID 6414020, 18 pages, Vol. 2017, 2017, @2017
508. Lu, M., G. Wei, F. Alsaadi, T. Hayat, Hesitant pythagorean fuzzy hamacher aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 1105-1117, 2017. DOI: 10.3233/JIFS-16554, @2017
509. Gitinavard, H., S. Mousavi, B. Vahdani, Soft computing-based new interval-valued hesitant fuzzy multi-criteria group assessment method with last aggregation to industrial decision problems, *Soft Computing*, Vol. 21, Issue 12, pp 3247–3265, 2017, @2017
510. Abbas, S., I. Ibedou, Fuzzy soft uniform spaces, *Soft Computing*, Vol.21, Issue 20, pp 6073–6083, 2017, @2017
511. Zihni, O., Y. Çelik, On intuitionistic fuzzy soft graphs, *AIP Conference Proceedings*, AIP Conference Proceedings, Vol. 1833, Issue 1, 020023, 2017, @2017
512. Tirupal, T., B. Mohan, S. Kumar, Multimodal Medical Image Fusion Based on Sugeno's Intuitionistic Fuzzy Sets, *ETRI Journal*, Vol. 39, Issue 2, pp 173-180, 2017. DOI: 10.4218/etrij.17.0116.0568, @2017
513. Robinson, P., S Jeeva, APPLICATION OF JACOBIAN & SOR ITERATIONPROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS, *Journal Published by IMRF Journal*, pp 130-134, 2017, @2017
514. Li, M., Q. Fu, V. Singh, M. Ma, X. Liu, An intuitionistic fuzzy multi-objective non-linear programming model for sustainable irrigation water allocation under the combination of dry and wet conditions, *Journal of Hydrology*, Vol. 555, pp 80-94, 2017, @2017
515. Zhou, W., Z. Xu, Extreme intuitionistic fuzzy weighted aggregation operators and their applications in optimism and pessimism decision-making processes, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 1129-1138, 2017. DOI: 10.3233/JIFS-16516, @2017
516. Mishra, A., P. Rani, Shapley divergence measures with VIKOR method for multi-attribute decision-making problems, *Neural Computing and Applications*, pp 1–18, 2017, @2017

517. Long, S., S. Geng, Decision framework of solar thermal power plant project under intuitionistic fuzzy environment, *International Journal of Technology, Policy and Management*, Vol. 17, No 4, pp 281-296, 2017, @2017
518. Liu, P., G. Tang, W. Liu, Induced generalized interval neutrosophic Shapley hybrid operators and their application in multi-attribute decision making, *Scientia Iranica E*, 24(4), 2164-2181, 2017. Триме се, @2017
519. Mathew, T., E. Sherly, J. Alcantud, An adaptive soft set based diagnostic risk prediction system, *The International Symposium on Intelligent Systems Technologies and Applications, ISTA 2017: Intelligent Systems Technologies and Applications*, pp 149-162, 2017, @2017
520. Pamučar, D., M. Mihajlović, R. Obradović, P. Atanasković, Novel approach to group multi-criteria decision making based on interval rough numbers: Hybrid DEMATEL-ANP-MAIRCA model, *Expert Systems with Applications*, Vol. 88, pp 58-80, 2017, @2017
521. Mesiar, R., S. Borkotokey, L. Jin, M. Kalina, Aggregation under uncertainty, *IEEE Transactions on Fuzzy Systems*, Volume PP, Issue 99, pp 1-1, 2017. DOI: 10.1109/TFUZZ.2017.2756828, @2017
522. Mishra, A., D. Jain, D. Hooda, Exponential intuitionistic fuzzy information measure with assessment of service quality, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 788–798, 2017, @2017
523. Banerjee, S., S. Biswas, TK Roy, Intuitionistic Fuzzy Linear System, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 475-487, 2017, @2017
524. Büyükköçkan, G., F. Göçer, O. Feyzioğlu, Cloud Computing Technology Selection Based on Interval Valued Intuitionistic Fuzzy COPRAS, , *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, In: Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017, ( Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M., Eds)*, pp 318-329, 2017, @2017
525. Liu, Y., H. Zhao, Z. Xu, The chain and substitution rules of interval-valued intuitionistic fuzzy calculus, *Fuzzy Optimization and Decision Making*, pp 1-21, 2017, @2017
526. Faizi, S., T. Rashid, W. Salabun, S. Zafar, Decision Making with Uncertainty Using Hesitant Fuzzy Sets, *International Journal of Fuzzy Systems*, pp 1-11, 2017, @2017
527. Goyal, M., D. Yadav, A. Tripathi, An Intuitionistic Fuzzy Approach to Classify the User Based on an Assessment of the Learner's Knowledge Level in E-Learning Decision-Making, *Journal of Information Processing Systems*, Vol. 13, pp 57-67. DOI: 10.3745/JIPS.04.0011, @2017
528. Paliwal, S., Feature based opinion mining using TOPSIS, *International Journal of Emerging Technology and Computer Science*, Vol. 2, No 3, pp 1-7, 2017, @2017
529. Farhadinia, B., Z. Xu, Distance and aggregation-based methodologies for hesitant fuzzy decision making, *Cognitive Computation*, Vol. 9, Issue 1, pp 81–94, 2017, @2017
530. Chen, J., J. Ye, S. Du, Vector similarity measures between refined simplified neutrosophic sets and their multiple attribute decision-making method, *Symmetry*, Issue 1, pp 308-315, 2017, @2017
531. Liu, X., X. Cao, Z. Xing, Evaluation of Intangible Factors of Marketing Competitive Priorities in Manufacturing Industry, *Modern Marketing*, 7(1), 23-34, 2017, @2017
532. Thao, N., F. Smarandache, N. Van Dinh, Support-Neutrosophic Set: A New Concept in Soft Computing, *Neutrosophic Sets and Systems*, Vol. 16, pp 93-98, 2017. DOI: 10.5281/zenodo.831952, @2017
533. Ye, J., Single-valued neutrosophic similarity measures based on cotangent function and their application in the fault diagnosis of steam turbine, *Soft Computing*, Vol. 21, Issue 3, pp 817–825, 2017, @2017
534. Křídlo, O., M. Ojeda-Aciego, Towards intuitionistic L-fuzzy formal t-concepts, *Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS), 2017 Joint 17th World Congress of International (IFSA-SCIS), INSPEC Accession Number: 17151156*, pp 1-6, 2017. DOI: 10.1109/IFSA-SCIS.2017.8023268, @2017
535. Yao, D., C. Wang, Hesitant intuitionistic fuzzy entropy/cross-entropy and their applications, *Soft Computing*, pp 1-16, 2017, @2017
536. Akram, M., S. Siddique, Neutrosophic competition graphs with applications, *Journal of Intelligent & Fuzzy Systems, Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 921-935, 2017. DOI: 10.3233/JIFS-162207, @2017
537. Wei, G., Picture fuzzy aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 713-724, 2017. DOI: 10.3233/JIFS-161798, @2017
538. Men, B., H. Liu, W. Tian, H. Liu, Evaluation of Sustainable Use of Water Resources in Beijing Based on Rough Set and Fuzzy Theory, *Water*, 9(11), 852, 2017. doi:10.3390/w9110852, @2017
539. Han, J., Z. Yang, X. Sun, G. Xu, Chordal distance and non-Archimedean chordal distance between Atanassov's intuitionistic fuzzy set, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3889-3894, 2017. DOI: 10.3233/JIFS-17724, @2017
540. Yavuz, O., Comparative Analysis of Multi-criteria Evaluation of Sustainable Supplier Selection Problem Based on Hesitant Fuzzy Linguistic Term Sets, *International Journal of Business and Management Invention*, Vol. 6, Issue 7, pp 67-78, 2017, @2017
541. Meng, F., Q. An, A new approach for group decision making method with hesitant fuzzy preference relations, *Knowledge-Based Systems*, Vol. 127, pp 1-15, 2017, @2017
542. Pramanik, S., S. Dalapati, S. Alam, T. Roy, Some Operations and Properties of Neutrosophic Cubic Soft Set, *Global Journal of Research and Review*, Vol. 4, No 2-14, pp 1-8, 2017, @2017
543. Qiao, J., B. Hu, On  $(\odot, \&)$ -fuzzy rough sets based on residuated and co-residuated lattices, *Fuzzy Sets and Systems*, 2017. DOI: 10.1016/j.fss.2017.07.010. In Press, @2017

544. Shannon, A., B. Riecan, E. Sotirova, Generalized Net Models of Academic Promotion and Doctoral Candidature, Recent Contributions in Intelligent Systems pp 263-277, 2017, @2017
545. Raquel, U., R., F. Chiclana, H. Fujita, E. Herrera-Viedma, Confidence Based Consensus in Environments with High Uncertainty and Incomplete Information, Accepted for the 16th International Conference on Intelligent Software Methodologies, Tools and Techniques Conference (SOMET2017), 2017. <http://hdl.handle.net/2086/14267>, @2017
546. Sun, R., J. Hu, X. Chen, Novel single-valued neutrosophic decision-making approaches based on prospect theory and their applications in physician selection, Soft Computing, pp 1-15, 2017, @2017
547. Song, Y., X. Wang, W. Quan, W. Huang, A new approach to construct similarity measure for intuitionistic fuzzy sets, Soft Computing, pp 1-14, 2017, @2017
548. Mandal, P., A. Ranadive, Multi-granulation bipolar-valued fuzzy probabilistic rough sets and their corresponding three-way decisions over two universes, Soft Computing, pp 1-20, 2017., @2017
549. Che, T., An Interval-Valued Pythagorean Fuzzy Outranking Method with a Closeness-Based Assignment Model for Multiple Criteria Decision Making, International Journal of Intelligent Systems, Vol. 33, Issue 1, pp 126-168, 2017. DOI: 10.1002/int.21943, @2017
550. Wang, C., X. Fu, S. Meng, Y. He, Multi-attribute decision-making based on the SPIFGIA operators, Granular Computing, Vol. 2, Issue 4, pp 321–331, 2017, @2017
551. Qin, Q., Q., F. Liang, L. Li, Y. Wei, Selection of energy performance contracting business models: A behavioral decision-making approach, Renewable and Sustainable Energy Reviews, Vol. 72, pp 422-433, 2017, @2017
552. Kovács, L., S. Radeleczki, Logical Analogies Between Intuitionistic Fuzzy Sets and Rough Sets, The Application of Fuzzy Logic for Managerial Decision Making Processes, pp 1-14, 2017, @2017
553. Lu, Z., Model for evaluating the international competitiveness of financial system with fuzzy number intuitionistic fuzzy information, Journal: Journal of Intelligent & Fuzzy Systems, Vol. 33, No 6, pp 3191-3199, 2017. DOI: 10.3233/JIFS-161059, @2017
554. Sharma, P., G. Kaur, ON ANNIHILATOR OF INTUITIONISTIC FUZZY SUBSETS OF MODULES, Computer Science & Information Technology, pp 37-49, 2017. DOI: 10.5121/csit.2017.70904, @2017
555. Ma, H., H. Zhu, Z. Hu, K. Li, W. Tang, Time-aware trustworthiness ranking prediction for cloud services using interval neutrosophic set and ELECTRE, Knowledge-Based Systems, Vol. 138, pp 27-45, 2017, @2017
556. Zhang, Z., Multi-criteria decision-making using interval-valued hesitant fuzzy QUALIFLEX methods based on a likelihood-based comparison approach, Neural Computing and Applications, Vol. 28, Issue 7, pp 1835–1854, 2017, @2017
557. Senapati, T., K. Shum, Atanassov's Intuitionistic Fuzzy Bi-Normed KU-Subalgebras of a KU-Algebra, Missouri J. Math. Sci., Vol. 29, Issue 1, pp 92-112, 2017, @2017
558. Arunkumar, M., S. Karthikeyan, INTUITIONISTIC RANDOM STABILITY OF A QUADRATIC FUNCTIONAL EQUATION ORIGINATING FROM THE SUM OF THE MEDIANS OF A TRIANGLE, International Journal of Difference Equations, Vol. 12, No 1, pp. 55-70, 2017, @2017
559. Otay, I., B. Oztaysi, S. Onar, C. Kahraman, Multi-expert performance evaluation of healthcare institutions using an integrated intuitionistic fuzzy AHP&DEA methodology, Knowledge-Based Systems, Vol. 133, pp 90-106, 2017, @2017
560. Xian, S., Y. Dong, Y. Yin, Interval-valued intuitionistic fuzzy combined weighted averaging operator for group decision making, Journal of the Operational Research Society, Vol. 68, Issue 8, pp 895–905, 2017, @2017
561. Zhang, H., L. Shu, S. Liao, C. Xiawu, Dual hesitant fuzzy rough set and its application, Soft Computing, Vol. 21, Issue 12, pp 3287–3305, 2017, @2017
562. Li, P., J. Liu, Z. Kong, W. Liu, C. Xue, On modified soft rough sets (MSR-sets), Control And Decision Conference (CCDC), 2017 29th Chinese, INSPEC Accession Number: 17041403, pp 254 - 257, 2017, DOI: 10.1109/CCDC.2017.7978101, @2017
563. Riya, V., D. Jayanthi, On Intuitionistic Fuzzy Almost  $\gamma^*$  Generalized Continuous Mappings, Applied Mathematical Sciences, Applied Mathematical Sciences, Vol. 11, No 31, pp 1531 - 1538, 2017, @2017
564. Hao, Z., Z. Xu, H. Zhao, Z. Su, Probabilistic dual hesitant fuzzy set and its application in risk evaluation, Knowledge-Based Systems, Vol. 127, pp 16-28, 2017, @2017
565. Hassaballah, M., A. Ghareeb, A framework for objective image quality measures based on intuitionistic fuzzy sets, Applied Soft Computing, Vol. 57, pp 48-59, 2017, @2017
566. Zhang, Z., C. Guo, Deriving priority weights from intuitionistic multiplicative preference relations under group decision-making settings, Journal of the Operational Research Society, Vol. 68, Issue 12, pp 1582–1599, 2017, @2017
567. Слепкова, Т., Г. Смирнов, МНОГОКРИТЕРИАЛЬНАЯ МОДЕЛЬ ДЛЯ ПОСТРОЕНИЯ СТРОИТЕЛЬНОГО ГЕНЕРАЛЬНОГО ПЛАНА С ИСПОЛЬЗОВАНИЕМ ИНТУИЦИОНИСТСКОЙ НЕЧЕТКОЙ ЛОГИКИ, РЕЗУЛЬТАТЫ СОВРЕМЕННЫХ НАУЧНЫХ ИССЛЕДОВАНИЙ И РАЗРАБОТОК сборник статей победителей II Международной научно-практической конференции, Издательство "Наука и Просвещение" (ИП Гуляев Г. Ю.) (Пенза), стр. 50-53, 2017. ISBN: 978-5-9909940-8-9, @2017
568. Zhang, W., Y. Ju, X. Liu, Multiple criteria decision analysis based on Shapley fuzzy measures and interval-valued hesitant fuzzy linguistic numbers, Computers & Industrial Engineering, Vol. 105, pp 28-38, 2017, @2017
569. Wade, M., A. Telik, D. Malik, J. Mordeson, Political Stability: Analysis Using TOPSIS and Intuitionistic Fuzzy Sets, New Mathematics and Natural Computation, Vol. 13, No 01, pp 1-11, 2017, @2017

570. Giveki, D., G. Montazer, M. Soltanshahi, Atanassov's intuitionistic fuzzy hysteron for robust moving object detection, *International Journal of Approximate Reasoning*, Vol. 91, pp 80-95, 2017, @2017
571. Mohagheghi, V., S. Mousavi, B. Vahdani, Enhancing decision-making flexibility by introducing a new last aggregation evaluating approach based on multi-criteria group decision making and Pythagorean fuzzy sets, *Applied Soft Computing*, Vol. 61, pp 527-535, 2017, @2017
572. Fu, J., J. Ye, Simplified neutrosophic exponential similarity measures for the initial evaluation/diagnosis of benign prostatic hyperplasia symptoms, *Symmetry*, 9(8), 154. DOI:10.3390/sym9080154, 2017, @2017
573. Wang, N., H. Zhang, PROBABILITY MULTIVALUED LINGUISTIC NEUTROSOPHIC SETS FOR MULTI-CRITERIA GROUP DECISION-MAKING, *International Journal for Uncertainty Quantification*, pp 207-228, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019632, @2017
574. Qu, G., W. Qu, J. Wang, H. Zhou, Z. Liu, Factorial-Quality Scalar and an Extension of ELECTRE in Intuitionistic Fuzzy Sets, *International Journal of Information Technology & Decision Making*, pp 1-25, 2017, @2017
575. Afful-Dadzie, E., Z. Oplatková, L. Prieto, Comparative State-of-the-Art Survey of Classical Fuzzy Set and Intuitionistic Fuzzy Sets in Multi-Criteria Decision Making, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 726-738, 2017, @2017
576. Sabir, P., Notes on Extension of Fuzzy Complex Sets, *Tikrit Journal of Pure Science*, 22(9), pp 88-93, 2017, @2017
577. Joshi, R., S. Kumar, Parametric (R, S)-norm Entropy on Intuitionistic Fuzzy Sets with a New Approach in Multiple Attribute Decision Making, *Fuzzy Information and Engineering*, Vol. 9, Issue 2, pp 181-203, 2017, @2017
578. Liang, D., Z. Xu, The new extension of TOPSIS method for multiple criteria decision making with hesitant Pythagorean fuzzy sets, *Applied Soft Computing*, Vol. 60, pp 167-179, 2017, @2017
579. Ye, J., Intuitionistic fuzzy hybrid arithmetic and geometric aggregation operators for the decision-making of mechanical design schemes, *Applied Intelligence*, Vol. 47, Issue 3, pp 743-751, 2017, @2017
580. Liu, P., L. Shi, Some neutrosophic uncertain linguistic number Heronian mean operators and their application to multi-attribute group decision making, *Neural Computing and Applications*, Vol. 28, Issue 5, pp 1079-1093, 2017, @2017
581. Liu, L., Y. Chen, Interval-valued intuitionistic hesitant fuzzy Quasi-Choquet geometric operators based TOPSIS method for multi-criteria group decision making, 2017 29th Chinese Control And Decision Conference (CCDC), INSPEC Accession Number: 17041056, 2017. DOI: 10.1109/CCDC.2017.7978912, @2017
582. Yu, S., Jing Wang, Jian-qiang Wang, An interval type-2 fuzzy likelihood-based MABAC approach and its application in selecting hotels on a tourism website, *International Journal of Fuzzy Systems*, Vol. 19, Issue 1, pp 47-61, 2017, @2017
583. Huang, B., H. Li, G. Feng, Y. Zhuang, Inclusion measure-based multi-granulation intuitionistic fuzzy decision-theoretic rough sets and their application to ISSA, *Knowledge-Based Systems*, Vol. 138, No 15, pp 220-231, 2017, @2017
584. Mardani, A., M. Nilashi, N. Zakuan, N. Loganathan et al, A systematic review and meta-Analysis of SWARA and WASPAS methods: Theory and applications with recent fuzzy developments, *Applied Soft Computing*, Vol. 57, pp 265-292, 2017, @2017
585. Zeng, S., Pythagorean Fuzzy Multiattribute Group Decision Making with Probabilistic Information and OWA Approach, *International Journal of Intelligent Systems*, Vol. 32, Issue 11, pp 1136-1150, 2017. DOI: 10.1002/int.21886, @2017
586. Tao, Y., X. Wang, X. Xu, L. Yang, Containerized Resource Provisioning Driven by User Preference, *Computational Science and Engineering (CSE) and Embedded and Ubiquitous Computing (EUC)*, 2017 IEEE International Conference on, INSPEC Accession Number: 17098878, 2017. DOI: 10.1109/CSE-EUC.2017.92, @2017
587. Danjuma, S., T. Herawan, M. Ismail, H. Chiroma, A Review on Soft Set-based Parameter Reduction and Decision Making, *IEEE Access*, Vol. 5, INSPEC Accession Number: 16811559, pp 4671-4689, 2017. DOI: 10.1109/ACCESS.2017.2682231, @2017
588. Atalay, K., G. Can, A new hybrid intuitionistic approach for new product selection, *Soft Computing*, pp 1-8, 2017, @2017
589. Radzikowska, A., Fuzzy relation-based approximation techniques in supporting medical diagnosis, *Journal of Automation, Mobile Robotics and Intelligent Systems*, Vol. 11, No 1, 21-29, 2017, @2017
590. Wei, G., F. Alsaadi, T. Hayat, Hesitant bipolar fuzzy aggregation operators in multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 1119-1128, 2017. DOI: 10.3233/JIFS-16612, @2017
591. Wang, L., H. Zhang, J. Wang, Frank choquet Bonferroni mean operators of bipolar neutrosophic sets and their application to multi-criteria decision-making problems, *International Journal of Fuzzy Systems*, pp 1-16, 2017, @2017
592. Nasir, M., S. Siddique, M. Akram, Novel Properties of Intuitionistic Fuzzy Competition Graphs, *Journal of Uncertain Systems*, Vol. 11, No 1, pp 49-67, 2017, @2017
593. Zhang, N., Y. Yang, Y. Zheng, J. Su, Module partition of complex mechanical products based on weighted complex networks, *Journal of Intelligent Manufacturing*, pp 1-26, 2017, @2017
594. Wang, S., J. Liu, Extension of the TODIM Method to Intuitionistic Linguistic Multiple Attribute Decision Making, *Symmetry*, 9(6), 95; 2017. DOI: 10.3390/sym9060095, @2017

595. Li, M., C. Wu, X. Shen, L. Zhang, An Intuitionistic Fuzzy Multiple Attribute Decision Making Method Based on Improved Score Function, *Boletín Técnico*, Vol. 55, Issue 13, pp. 363-370, 2017, @2017
596. Büyüközkan, G., S. Güleriyüz, B. Karpak, Chapter 4: A new combined IF-DEMATEL and IF-ANP approach for CRM partner evaluation, *International Journal of Production Economics*, Vol. 191, pp 194-206, 2017, @2017
597. Wang, J., Q.-hui Chen, H.-yu Zhang, X.-h. Chen, J.q. Wang, Multi-criteria decision-making method based on type-2 fuzzy sets, *Filomat*, Vol. 31, No 2, pp 431-450, 2017, @2017
598. Wan, S., L. Lin, J. Dong, MAGDM based on triangular Atanassov's intuitionistic fuzzy information aggregation, *Neural Computing and Applications*, Vol. 28, Issue 9, pp 2687–2702, 2017, @2017
599. Garg, H., Confidence levels based Pythagorean fuzzy aggregation operators and its application to decision-making process, *Computational and Mathematical Organization Theory*, Vol. 23, Issue 4, pp 546–571, 2017, @2017
600. Deli, I., Y. Şubaş, Some weighted geometric operators with SVTrN-numbers and their application to multi-criteria decision making problems, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 291-301, 2017. DOI: 10.3233/JIFS-151677, @2017
601. Doukovska, L., V. Atanassova, D. Mavrov, I. Radeva, Intercriteria Analysis of EU Competitiveness Using the Level Operator  $N_\gamma$ , *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 631-647, 2017. DOI: 10.1007/978-3-319-66830-7\_56, @2017
602. Liu, Q., Multiple attribute decision making of interval probabilistic hesitant fuzzy information, *International Core Journal of Engineering*, Vol. 3, No 2, pp 33-38, 2017. ISSN: 2414-1895, @2017
603. Yang, W., Z. Chen, F. Zhang, New group decision making method in intuitionistic fuzzy setting based on TOPSIS, *Technological and Economic Development of Economy*, Vol. 23, Issue 3, 441-461, 2017, @2017
604. Sarkar, M., T. Roy, Multi-Objective Welded Beam Design Optimization using T-Norm and T-Co-norm based Intuitionistic Fuzzy Optimization Technique, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 549-575, 2017 ???, @2017
605. Uddin, A., S. Rahman, On intuitionistic fuzzy idempotent, prime, strongly irreducible and t-pure ideals of semirings, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 433-443. 2017. DOI: 10.3233/JIFS-161747, @2017
606. Garg, H., R. Arora, Distance and similarity measures for dual hesitant fuzzy soft sets and their applications in multi-criteria decision making problem, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 3, pp 229-248. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019801, @2017
607. Liu, P., X. Liu, Multiattribute Group Decision Making Methods Based on Linguistic Intuitionistic Fuzzy Power Bonferroni Mean Operators, *Complexity*, Vol. 2017, Article ID 3571459, 15 pages, 2017, @2017
608. Sharma, P., G. Kaur, Intuitionistic Fuzzy Prime Spectrum of a Ring, *Fuzzy Systems*, Vol 9, No 8, 2017, @2017
609. Xia, M., Z. Xu, Some studies on properties of hesitant fuzzy sets, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 2, pp 489–495, 2017, @2017
610. Szmjdt, E., J. Kacprzyk, A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets, *Fuzzy Sets, Rough Sets, Multisets and Clustering*, pp 221-237, 2017, @2017
611. Garg, H., A Novel Improved Accuracy Function for Interval Valued Pythagorean Fuzzy Sets and Its Applications in the Decision-Making Process, *International Journal of Intelligent Systems*, Vol. 32, Issue 12, pp 1247-1260, 2017. DOI: 10.1002/int.21898, @2017
612. Rahman, K., S. Abdullah, M. Shakeel, M. Khan, Interval-valued pythagorean fuzzy geometric aggregation operators and their application to group decision making problem, *Cogent Mathematics*, Vol. 4, No 1, 1338638, 2017, @2017
613. Şahin, R., P. Liu, Correlation coefficient of single-valued neutrosophic hesitant fuzzy sets and its applications in decision making, *Neural Computing and Applications*, Vol. 28, Issue 6, pp 1387–1395, 2017, @2017
614. Faizi, S., W. Salabun, T. Rashid, J. Wątróbski, S. Zafar – Symmetry, Group decision-making for hesitant fuzzy sets based on characteristic objects method, *Symmetry*, 9(8), 136; pp 1-17, 2017. DOI: 10.3390/sym9080136, @2017
615. Song, Y., X. Wang, W. Wu, L. Lei, W. Quan, Uncertainty measure for Atanassov's intuitionistic fuzzy sets, *Applied Intelligence*, Vol. 46, Issue 4, pp 757–774, 2017, @2017
616. Yang, Y., L. Lang, L. Lu, Y. Sun, A New Method of Multiattribute Decision-Making Based on Interval-Valued Hesitant Fuzzy Soft Sets and Its Application, *Mathematical Problems in Engineering*, Volume 2017, Article ID 9376531, 8 pages, 2017, @2017
617. Wei, G., Picture 2-tuple linguistic Bonferroni mean operators and their application to multiple attribute decision making, *International Journal of Fuzzy Systems*, Vol. 19, Issue 4, pp 997–1010, 2017, @2017
618. Xu, Q., K. Yu, S. Zeng, J. Liu, PYTHAGOREAN FUZZY INDUCED GENERALIZED OWA OPERATOR AND ITS APPLICATION TO MULTI-ATTRIBUTE GROUP DECISION MAKING, *International Journal of Innovative Computing, Information and Control*, Vol. 13, No 5, pp 1527–1536, 2017. ISSN 1349-4198, @2017
619. Liu, P., T. Mahmood, Q. Khan, Multi-Attribute Decision-Making Based on Prioritized Aggregation Operator under Hesitant Intuitionistic Fuzzy Linguistic Environment, *Symmetry*, *Symmetry*, 9(11), 270, 2017. DOI: 10.3390/sym9110270, @2017
620. Zeng, Z., Model for evaluating the Technological Innovation Capability in High-tech Enterprises with Fuzzy Number Intuitionistic Fuzzy Information, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 4, pp 2085-2094, 2017.

621. Li, P., Y. Yang, C. Wei, An Intuitionistic Fuzzy Stochastic Decision-Making Method Based on Case-Based Reasoning and Prospect Theory, *Mathematical Problems in Engineering*, Volume 2017, Article ID 2874954, 13 pages, 2017, @2017
622. Peng, X., G. Selvachandran, Pythagorean fuzzy set: state of the art and future directions, *Artificial Intelligence Review*, pp 1–55, 2017, @2017
623. Ren, J., H. Liang, Multi-criteria group decision-making based sustainability measurement of wastewater treatment processes, *Environmental Impact Assessment Review*, Vol. 65, pp 91-99, 2017, @2017
624. Singh, P., Distance and similarity measures for multiple-attribute decision making with dual hesitant fuzzy sets, *Computational and Applied Mathematics*, Vol. 36, Issue 1, pp 111–126, 2017, @2017
625. Liu, P., L. Zhang, Multiple criteria decision making method based on neutrosophic hesitant fuzzy Heronian mean aggregation operators, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 303-319, 2017. DOI: 10.3233/JIFS-151760, @2017
626. Liu, P., S. Wang, Y. Chu, Some intuitionistic linguistic dependent Bonferroni mean operators and application in group decision-making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 1275-1292, 2017. DOI: 10.3233/JIFS-17222, @2017
627. Liang, R., J. Wang, H. Zhang, Evaluation of e-commerce websites: An integrated approach under a single-valued trapezoidal neutrosophic environment, *Knowledge-Based Systems*, Vol. 135, pp 44-59, 2017, @2017
628. Liu, P., Some Frank Aggregation Operators for Interval-valued Intuitionistic Fuzzy Numbers and their Application to Group Decision Making, *Journal of Multiple-Valued Logic & Soft Computing*, Vol. 29, Issue 1/2, pp 183-223. 41 Pages, 2017, @2017
629. Qin, Y., Y. Liu, Z. Hong, Multicriteria decision making method based on generalized Pythagorean fuzzy ordered weighted distance measures, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3665-3675, 2017. DOI: 10.3233/JIFS-17506, @2017
630. Dutta, A., D. Basnet, K. Choudhury, S. Barbhuiya, Direct Product of General Doubt Intuitionistic Fuzzy Ideals of BCK/BCI-algebras with Respect to Triangular Binorm, *International Journal of Mathematics And its Applications*, Vol. 5, Issue 4–B, pp 247–257, 2017. ISSN: 2347-1557, @2017
631. Davvaz, B., E. Sadrabadi, J. Nieto, A. Torres, Twin Hypercube for Intuitionistic Fuzzy Sets and Their Application in Medicine, *International Journal of Analysis and Applications*, Vol. 15, No 1, 31-45, 2017, @2017
632. Meng, S., N. Liu, Y. He, GIFIHIA operator and its application to the selection of cold chain logistics enterprises, *Granular Computing*, Vol. 2, Issue 3, pp 187–197, 2017, @2017
633. Wang, C., X. Zhou, H. Tu, S. Tao, SOME GEOMETRIC AGGREGATION OPERATORS BASED ON PICTURE FUZZY SETS AND THEIR APPLICATION IN MULTIPLE ATTRIBUTE DECISION MAKING, *Italian journal of pure and applied mathematics*, N. 37, 477–492, 2017, @2017
634. Sun, X., Research on the nitrogen use efficiency evaluation of different rice genotypes with intuitionistic fuzzy information, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 3, pp 1745-1751, 2017. DOI: 10.3233/JIFS-152242, @2017
635. Zhan, J., M. Khan, M. Gulistan, A. Ali, Applications of neutrosophic cubic sets in multi-criteria decision-making, *International Journal for Uncertainty Quantification*, pp 377-394, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020446, @2017
636. Riya, V., D. Jayanthi, On Intuitionistic Fuzzy  $\gamma^*$  Generalized Closed Sets, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 389-410, 2017, @2017
637. Kahraman, C., Special issue on “Fuzzy systems and intelligent decision making”, *Complex & Intelligent Systems*, Vol. 3, Issue 3, pp 153–154, 2017, @2017
638. Hernandez-Aguila, A., M. Garcia-Valdez, O. Castillo, On the Graphical Representation of Intuitionistic Membership Functions for Its Use in Intuitionistic Fuzzy Inference Systems. In: *Nature-Inspired Design of Hybrid Intelligent Systems*, pp 115-126, 2017, @2017
639. Zang, W., Weining Zhang, Wenqian Zhang, X. Liu, A Kernel-Based Intuitionistic Fuzzy C-Means Clustering Using a DNA Genetic Algorithm for Magnetic Resonance Image Segmentation, *Entropy*, Vol. 19, 578, pp 1-22, 2017. DOI: 10.3390/e19110578, @2017
640. Dey, S., T. Roy, Structural Design Optimization using Basic T-Norm and T-Conorm based Intuitionistic Fuzzy Optimization Technique, *International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)*, Vol. 6, Issue 3, pp 320-328, 2017, ISSN 2278 – 1323, @2017
641. Verma, T., A. Kumar, Ambika methods for solving matrix games with Atanassov's intuitionistic fuzzy payoffs, *IEEE Transactions on Fuzzy Systems*, Vol. PP, Issue 99, pp 1-1, 2017. DOI: 10.1109/TFUZZ.2017.2651103, @2017
642. Karaaslan, F., Possibility neutrosophic soft sets and PNS-decision making method, *Applied Soft Computing*, Vol. 54, pp 403-414, 2017, @2017
643. Lai, Y., Z. Gao, D. Peng, Evaluation of Logistics Providers Based on Hesitant Fuzzy Gray Relation Analysis, *2nd International Conference on Education, E-learning and Management Technology (EEMT 2017)*, pp 469-473, 2017. ISBN: 978-1-60595-473-8, @2017

644. Ren, Z., Z. Xu, H. Wang, Dual hesitant fuzzy VIKOR method for multi-criteria group decision making based on fuzzy measure and new comparison method, *Information Sciences*, Vol. 388–389, pp 1-16, 2017, @2017
645. Wu, S., G. Wei, Pythagorean fuzzy Hamacher aggregation operators and their application to multiple attribute decision making, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 3, pp 189-201, 2017. DOI: 10.3233/KES-170363, @2017
646. Kumar, V., S. Jain, Alternate Procedure for the Diagnosis of Malaria via Intuitionistic Fuzzy Sets, *Nature Inspired Computing, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 652)*, pp 49-53, 2017, @2017
647. Bao, T., X. Xie, P. Long, Shipping enterprise performance evaluation under uncertainty base on multiple-criteria evidential reasoning approach, *Transportation Research Procedia*, Vol. 25, pp 2757-2768, 2017, @2017
648. Alias, S., D. Mohamad, A. Shuib, Rough Neutrosophic Multisets, *Neutrosophic Sets and Systems*, Vol. 16, pp 80-88, 2017. ISS 2331-605 (print); ISSN 2331-608X (online), @2017
649. Badhurays, L., S. Bashammakh, N. Alshehri, Triangular norms based on intuitionistic fuzzy BCK-submodules, *Journal of Computational Analysis and Applications*, Vol. 23, Issue 5, pp 910-924, 2017. ISSN: 1521-1398, @2017
650. Foroozesh, N., H. Gitinavard, S. Meysam, B. Vahdani, A hesitant fuzzy extension of VIKOR method for evaluation and selection problems under uncertainty, *International Journal of Applied Management Science*, Vol. 9, Issue 2, pp 95–113, 2017, @2017
651. Gitinavard, H., H. Ghaderi, M. Pishvae, Green supplier evaluation in manufacturing systems: a novel interval-valued hesitant fuzzy group outranking approach, *Soft Computing*, pp 1-20, 2017, @2017
652. Beg, I., T. Rashid, A Clustering Algorithm Based on Intuitionistic Fuzzy Relations for Tree Structure Evaluation, *International Journal of Applied and Computational Mathematics*, Vol. 3, Issue 4, pp 3131–3145, 2017, @2017
653. Akram, M., M. Sitara, Representation of Graph Structure Based on IV Neutrosophic Sets, *International Journal of Algebra and Statistics*, Vol. 6. pp 56-80, 2017. DOI: 10.20454/ijas.2017.1266, @2017
654. Xing, Y., R. Zhang, M. Xia, J. Wang, Generalized point aggregation operators for dual hesitant fuzzy information, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 515-527, 2017. DOI: 10.3233/JIFS-161922, @2017
655. Liang, D., Z. Xu, A. Darko, Projection Model for Fusing the Information of Pythagorean Fuzzy Multicriteria Group Decision Making Based on Geometric Bonferroni Mean, *International Journal of Intelligent Systems*, Vol. 32, Issue 9, pp 966–987, 2017. DOI: 10.1002/int.21879, @2017
656. Sahoo, S., M. Pal, H Rashmanlou, Covering and paired domination in intuitionistic fuzzy graphs, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 4007-4015, 2017. DOI: 10.3233/JIFS-17848, @2017
657. Sahu, S., B. Mishra, R. Thakur, Document Classification for Large Datasets Based On Hesitant Fuzzy Linguistic Term Set, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 677-692, 2017, @2017
658. Garg, H., A new improved score function of an interval-valued Pythagorean fuzzy set based TOPSIS method, *International Journal for Uncertainty Quantification*, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 5, pp 463-474, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020197, @2017
659. Zhang, W., Y. Ju, X. Liu, M. Giannakis, A mathematical programming-based method for heterogeneous multicriteria group decision analysis with aspirations and incomplete preference information, *Computers & Industrial Engineering*, Vol. 113, pp 541-557, 2017, @2017
660. Tang, T., L. Wen, G. Wei, Approaches to multiple attribute group decision making based on the generalized Dice similarity measures with intuitionistic fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 2, pp 85-95, 2017. DOI: 10.3233/KES-170354, @2017
661. Ali, Z., S. Shahzad, W. Shahzad, Performance Analysis of Statistical Pattern Recognition Methods in KEEL, *Procedia Computer Science*, Vol. 112, pp 2022-2030, 2017, @2017
662. Sarkar, M., T. Roy, Truss Design Optimization using Neutrosophic Optimization Technique: A Comparative Study, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 411-438, 2017, @2017
663. Wang, J., J. Peng, H. Zhang, et all, Outranking approach for multi-criteria decision-making problems with hesitant interval-valued fuzzy sets, *Soft Computing*, pp 1-12, 2017, @2017
664. Singh, V., S. Yadav, Development and optimization of unrestricted LR-type intuitionistic fuzzy mathematical programming problems, *Expert Systems with Applications*, Vol. 80, pp 147-161, 2017, @2017
665. Zhang, W., Y. Ju, X. Liu, Interval-valued intuitionistic fuzzy programming technique for multicriteria group decision making based on Shapley values and incomplete preference information, *Soft Computing*, Vol. 21, Issue 19, pp 5787–5804, 2017, @2017
666. Jiang, F., Q. Ma, Multi-attribute group decision making under probabilistic hesitant fuzzy environment with application to evaluate the transformation efficiency, *Applied Intelligence*, pp 1-13, 2017, @2017
667. Akbari, M., G. Hesamian, Record value based on intuitionistic fuzzy random variables, *International Journal of Systems Science*, Vol. 48, Issue 15, pp 3305-3315, 2017, @2017
668. Ali, M., F. Smarandache, Complex neutrosophic set, *Neural Computing and Applications*, Vol. 28, Issue 7, pp 1817–1834, 2017, @2017
669. Kumar, S., The Relationship Between Intuitionistic Fuzzy Programming and Goal Programming, *Proceedings of Sixth International Conference on Soft Computing for Problem Solving*, pp 220-229, 2017, @2017
670. Tian, Y., Z. Deng, J. Luo, Y. Li, An intuitionistic fuzzy set based S3VM model for binary classification with mislabeled information, *Fuzzy Optimization and Decision Making*, pp 1-20, 2017, @2017

671. Milošević, P., B. Petrović, V. Jeremić, IFS-IBA similarity measure in machine learning algorithms, *Expert Systems with Applications*, Vol. 89, pp 296-305, 2017, @2017
672. Joshi, D., S. Kumar, Trapezium cloud TOPSIS method with interval-valued intuitionistic hesitant fuzzy linguistic information, *Granular Computing*, pp 1-14, 2017, @2017
673. Hua, T., Model for evaluating the classification modes of the China's college entrance examination with hesitant fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 4, pp 265-272, 2017. DOI: 10.3233/KES-170370, @2017
674. Kumar, P., S. Lavanya, H. Rashmanlou, MN Jouybari, Magic labeling on interval-valued intuitionistic fuzzy graphs, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3999-4006, 2017. DOI: 10.3233/JIFS-17847, @2017
675. Zhang, X., Z. Xu, Hesitant Fuzzy Multiple Criteria Decision Analysis Based on TOPSIS, *Hesitant Fuzzy Methods for Multiple Criteria Decision Analysis*, Vol. 345, pp 1-30, 2017, @2017
676. Joshi, B., Moderator intuitionistic fuzzy sets with applications in multi-criteria decision-making, *Granular Computing*, pp 1–13, 2017, @2017
677. Nirmala, G., G. Uthra, TRIANGULAR INTUITIONISTIC FUZZY AHP AND ITS APPLICATION TO SELECT BEST PRODUCT OF NOTEBOOK COMPUTER, *International Journal of Pure and Applied Mathematics*, Vol. 11, No 10, pp 253 – 261, 2017, @2017
678. Mohanty, R., B. Tripathy, Intuitionistic hesitant fuzzy soft set and its application in decision making, *Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing book series (AISC, volume 517)*, pp 221-233, 2017, @2017
679. Kahraman, C., M. Ghorabae, Intuitionistic fuzzy EDAS method: an application to solid waste disposal site selection, *Journal of Environmental Engineering and Landscape Management*, Vol. 25, Issue 1, pp 1-12, 2017, @2017
680. Lu, Z., J. Ye, Cosine measures of neutrosophic cubic sets for multiple attribute decision-making, *Symmetry*, 9(7), 121; 2017. DOI: 10.3390/sym9070121, @2017
681. Liu, P., X. Qin, Power average operators of linguistic intuitionistic fuzzy numbers and their application to multiple-attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 1029-1043, 2017. DOI: 10.3233/JIFS-16231, @2017
682. Tripathy, B., R. Mohanty, Some Properties of Rough Sets on Intuitionistic Fuzzy Approximation Spaces and Their Application in Computer Vision, *Proceedings of Sixth International Conference on Soft Computing for Problem Solving, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 546)*, pp 264-275, 2017, @2017
683. Lee, P., C. Lin, S. Shin, Financial Performance Evaluation of Shipping Companies Using Entropy and Grey Relation Analysis, *Multi-Criteria Decision Making in Maritime Studies and Logistics*, pp 219-247, 2017, @2017
684. Mukherjee, S., Selection of Alternative Fuels for Sustainable Urban Transportation under Multi-criteria Intuitionistic Fuzzy Environment, *Fuzzy Information and Engineering*, Vol. 9, Issue 1, pp 117-135, 2017, @2017
685. Kacprzak, M., B. Starosta, Two Approaches to Fuzzy Implication, *Theory and Applications of Ordered Fuzzy Numbers*, pp 133-154, 2017, @2017
686. ATALAY, K., G. CAN, F. KURTULMUŞOĞLU, Intuitionistic Approach to Smartphone Usability Evaluation, *International Journal of Innovative Knowledge Concepts*, Vol. 5, No 11, 2017, @2017
687. Shi, Y., X. Yuan, Y. Zhang, Constructive methods for intuitionistic fuzzy implication operators, *Soft Computing*, Vol. 21, Issue 18, pp 5245–5264, 2017, @2017
688. Liu, N., S. Meng, Approaches to the selection of cold chain logistics enterprises under hesitant fuzzy environment based on decision distance measures, *Granular Computing*, pp 1-12, 2017., @2017
689. Narayanamoorthy, S., A. Deepa, A Method for Solving Intuitionistic Fuzzy Transportation Problem using Intuitionistic Fuzzy Russell's Method, *International Journal of Pure and Applied Mathematics*, Vol. 117, No 12, pp 335-342, 2017, @2017
690. NAKİBOĞLU, G., B. BULĞURCU, AN ALTERNATIVE ASSESSMENT OF THE ENVIRONMENTAL SUSTAINABILITY INDICATORS OF BUSINESSES: MODIFIED DIGITAL LOGIC (MDL), *International Journal of Economic and Administrative Studies*, pp 709-728, 2017, ISSN 1307-9832, @2017
691. Aikhuele, D., F. Turan, Extended TOPSIS model for solving multi-attribute decision making problems in engineering, *Decision Science Letters*, Vol. 6, Issue 4, pp. 365-376, 2017. DOI: 10.5267/j.dsl.2017.2.002, @2017
692. Del Campo, R., L. Garmendia, J. Recasens, J. Montero, Hesitant fuzzy sets and relations using lists, *Fuzzy Systems (FUZZ-IEEE), 2017 IEEE International Conference on, INSPEC Accession Number: 17137972*, pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015516, @2017
693. Garg, H., Generalized interaction aggregation operators in intuitionistic fuzzy multiplicative preference environment and their application to multicriteria decision-making, *Applied Intelligence*, pp 1-17, 2017, @2017
694. Garg, H., K. Kumar, Some Aggregation Operators for Linguistic Intuitionistic Fuzzy Set and its Application to Group Decision-Making Process Using the Set Pair Analysis, *Arabian Journal for Science and Engineering*, pp 1-15, 2017, @2017
695. Cherif, S., N. Baklouti, V. Snasel, A. Alimi, New fuzzy similarity measures: From intuitionistic to type-2 fuzzy sets, *Fuzzy Systems (FUZZ-IEEE), 2017 IEEE International Conference on, INSPEC Accession Number: 17137863*, pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015696, @2017

696. El-Sheikh, S., S. Hussien, A note on Hausdorff spaces and some double separation axioms, *South Asian Journal of Mathematics*, Vol. 7(2), pp 118-129, 2017, @2017
697. Peng, J., J. Wang, L. Yang, A novel multi-criteria group decision-making approach using simplified neutrosophic information, *International Journal for Uncertainty Quantification*, pp 355-376, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020126, @2017
698. Liu, P., INTERVAL NEUTROSOPHIC MUIRHEAD MEAN OPERATORS AND THEIR APPLICATION IN MULTIPLE ATTRIBUTE GROUP DECISION-MAKING, *International Journal for Uncertainty Quantification*, pp 303-334, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019865, @2017
699. Mohd, W., Abdullah, Pythagorean fuzzy analytic hierarchy process to multi-criteria decision making, *AIP Conference Proceedings*, Vol. 1905, Issue 1, 2017. DOI: 10.1063/1.5012208, @2017
700. Uthra, G., K. Thangavelu, S. Shunmugapriya, Ranking Generalized Institutionistic Pentagonal Fuzzy Number by Centroidal Approach, *International Journal of Mathematics and its Applications*, Vol. 5, Issue 4–C, pp 389–393, 2017. ISSN: 2347-1557, @2017
701. Ebrahimpour, M., M. Eftekhari, Ensemble of feature selection methods: A hesitant fuzzy sets approach, *Applied Soft Computing*, Vol. 50, pp 300-312, 2017, @2017
702. Kandasamy, I., F. Smarandache, Multicriteria Decision Making Using Double Refined Indeterminacy Neutrosophic Cross Entropy and Indeterminacy Based Cross Entropy, *Applied Mechanics and Materials*, Vol. 829, 129-143, 2017. DOI: 10.4028/www.scientific.net/AMM.859.129, @2017
703. Garg, H., Some Picture Fuzzy Aggregation Operators and Their Applications to Multicriteria Decision-Making, *Arabian Journal for Science and Engineering*, Vol. 42, Issue 12, pp 5275–5290, 2017, @2017
704. Zhang, C., D. Li, Y. Mu, D. Song, An interval-valued hesitant fuzzy multigranulation rough set over two universes model for steam turbine fault diagnosis, *Applied Mathematical Modelling*, Vol. 42, pp 693-704, 2017, @2017
705. Zhou, W., Z. Xu, Expected hesitant VaR for tail decision making under probabilistic hesitant fuzzy environment, *Applied Soft Computing*, Vol. 60, pp 297-311, 2017, @2017
706. Tang, X., N. Feng, M. Xue, S. Yang, Wu. Jian, The expert reliability and evidential reasoning rule based intuitionistic fuzzy multiple attribute group decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 2, pp 1067-1082, 2017. DOI: 10.3233/JIFS-162436, @2017
707. Akram, M., J. Kavikumar, A. Khamis, Z. Iqbal, A. Nor Shamsidah, N-fuzzy biF-ternary semigroups, *Songklanakarin J. Sci. Technol.*, Vol. 39, No 4, 415-427, 2017, @2017
708. El-Tantawy, O., S. El-sheikh, S. Shaliel, Some topological properties of soft double topological spaces, *Journal of New Theory*, Number 16, pp 27-48, 2017, @2017
709. Li, Z., F. Wei, The logarithmic operational laws of intuitionistic fuzzy sets and intuitionistic fuzzy numbers, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3241-3253, 2017. DOI: 10.3233/JIFS-161736, @2017
710. Moore, P., H. Van Pham, On Wisdom and Rational Decision-Support in Context-Aware Systems, 2017 IEEE International Conference on Systems, Man, and Cybernetics (SMC) Banff Center, Banff, Canada, October 5-8, INSPEC Accession Number: 17411608, pp 1982-1987, 2017. DOI: 10.1109/SMC.2017.8122909, @2017
711. Lan, J., R. Jin, Z. Zheng, M. Hu, Priority degrees for hesitant fuzzy sets: Application to multiple attribute decision making, *Operations Research Perspectives*, Vol. 4, pp 67-73, 2017, @2017
712. Thuong, N., Z. Li, P. Hong, A Fuzzy Multi-criteria Decision Making Method for the Financial Statement Quality Evaluation, *Proceedings of the Tenth International Conference on Management Science and Engineering Management*, Part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 502), pp 659-676, 2017, @2017
713. Anitha, N., J. Venkatesan, Anti-Fuzzy Soft Subhemiring of a Hemiring, *International Journal of Mathematics Trends and Technology (IJMTT)*, Vol. 47, No 2, pp 158-162, 2017, @2017
714. Sellak, H., B. Ouhbi, B. Frikh, A knowledge-based outranking approach for multi-criteria decision-making with hesitant fuzzy linguistic term sets, *Applied Soft Computing*, 2017. Elsevier, in Press, @2017
715. Kumar, K., H. Garg, Connection number of set pair analysis based TOPSIS method on intuitionistic fuzzy sets and their application to decision making, *Applied Intelligence*, pp 1-8, 2017, @2017
716. Broumi, S., A. Bakali, M. Talea, F. Smarandache, Generalized Bipolar Neutrosophic Graphs of Type 1, 20th International Conference on Information Fusion, July 10-13, 2017, Xi'an, China, pp 1714-1719, 2017, @2017
717. Mondal, S., Chapter 9: Non-Linear Intuitionistic Fuzzy Number and Its Application in Partial Differential Equation, *Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices*, (Adak, Amal Kumar, Manna, Debashree, Bhowmik, Monoranjan, Eds), pp 215-234, 2017. DOI: 10.4018/978-1-5225-0914-1.ch009. ISSN: 2327-0411, eISSN: 2327-042X, @2017
718. Schuetze, R., *Applied Fuzzy Management Methods for IT Service-Level-Management*, *Wirtschaftsinformatik in Theorie und Praxis*, pp 35-47, 2017, @2017
719. Hamaizia, T., P. Murthy, Common Fixed Point Theorems in Relatively Intuitionistic Fuzzy Metric Spaces, *Gazi University Journal of Science*, 30(1), 355-362, 2017, @2017
720. Basumatary, B., B. Borgoyary, K. Singh, H. Baruah, Towards Forming the Field of Fuzzy Boundary on the Basis of Reference Function, *Global Journal of Pure and Applied Mathematics*, Vol. 13, No 6, pp. 2703-2716, 2017. ISSN 0973-1768, @2017
721. Bangui, H., M. Ge, B. Buhnova, S. Rakrak, S. Raghay, T. Pitne, Multi-Criteria Decision Analysis Methods in the Mobile Cloud Offloading Paradigm, *J. Sens. Actuator Netw.*, 6(4), 25, pp 1-19, 2017. doi:10.3390/jsan604002, @2017

722. Zeng, S., Z. Mu, T. Baležentis, A novel aggregation method for Pythagorean fuzzy multiple attribute group decision making, *International Journal of Intelligent Systems*, 2017. DOI: 10.1002/int.21953, @2017
723. Yang, X., A. Tan, Three-Way Decisions Based on Intuitionistic Fuzzy Sets, *International Joint Conference on Rough Sets IJCRS 2017: Rough Sets*, pp 290-299, 2017, @2017
724. Liu, C., B. Peng, A Method for Group Decision Making Based on Interval-Valued Intuitionistic Fuzzy Geometric Distance Measures, *g process, group decision making, Informatica*, Vol. 28, No. 3, pp. 453-470, 2017, @2017
725. Gou, X., Z. Xu, H. Liao, Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information, *Soft Computing*, Vol. 21, Issue 21, pp 6515–6529, 2017, @2017
726. Liu, B., S. Guo, K. Yan, L. Li, X. Wang, Double weight determination method for experts of complex multi-attribute large-group decision-making in interval-valued intuitionistic fuzzy environment, *IEEE Xplore: Journal of Systems Engineering and Electronics*, pp 88-96, 2017, @2017
727. Song, S., F. Smarandache, Y. Jun, Neutrosophic Commutative N-Ideals in BCK-Algebras, *Information*, 8(4), 130; 2017. doi:10.3390/info8040130, @2017
728. Chinta, S., B. Tripathy, K. Rajulu, Kernelized Intuitionistic Fuzzy C-Means Algorithms Fused With Firefly Algorithm for Image Segmentation, *IEEE International Conference on Microelectronics Devices, Circuits and Systems (ICMDCS 2017)*, At VIT University, Vellore, India, Volume: 1, 2017. DOI: 10.1109/ICMDCS.2017.8211702, @2017
729. Chu, J., X. Liu, L. Wang, Y. Wang, A Group Decision Making Approach Based on Newly Defined Additively Consistent Interval-Valued Intuitionistic Preference Relations, *International Journal of Fuzzy Systems*, pp 1-20, 2017, @2017
730. Piasecki, K., Some remarks on axiomatic definition of entropy measure, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1945-1952, 2017. DOI: 10.3233/JIFS-15364, @2017
731. He, X., Y. Wu, Global Research Trends of Intuitionistic Fuzzy Set: A Bibliometric Analysis, *Journal of Intelligent Systems*, 2017. DOI: <https://doi.org/10.1515/jisys-2017-0240>, @2017
732. Liu, Y., J. Wu, C. Liang, Some Einstein aggregating operators for trapezoidal intuitionistic fuzzy MAGDM and application in investment evolution, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 1, pp 63-74, 2017. DOI: 10.3233/JIFS-151080, @2017
733. Gao, J., Z. Xu, H. Liao, A dynamic reference point method for emergency response under hesitant probabilistic fuzzy environment, *International Journal of Fuzzy Systems*, Vol. 19, Issue 5, pp 1261–1278, 2017, @2017
734. Chen, S., Z. Huang, Multiattribute decision making based on interval-valued intuitionistic fuzzy values and particle swarm optimization techniques, *Information Sciences*, Vol. 397–398, pp 206-218, 2017, @2017
735. Xue, W., S. Xian, Y. Dong, A Novel Intuitionistic Fuzzy Induced Ordered Weighted Euclidean Distance Operator and Its Application for Group Decision Making, *International Journal of Intelligent Systems*, Vol. 32, Issue 7, pp 739-753, 2017. DOI: 10.1002/int.21874, @2017
736. Sirbiladze, G., O. Badagadze, Intuitionistic Fuzzy Probabilistic Aggregation Operators Based on the Choquet Integral: Application in Multicriteria Decision-Making, *International Journal of Information Technology & Decision Making*, Vol. 16, No 01, pp 245-279, 2017, @2017
737. Allaoui, A., S. Melliani, Y. Allaoui, L. Chadli, Averaging of intuitionistic fuzzy differential equations, 2017, 23(2), 44-54, 2017, @2017
738. Arora, S., T. Kumar, ST-intuitionistic fuzzy metric space with properties, *AIP Conference Proceedings*, Vol. 1860, 020050; 2017, @2017
739. Zhou, W., Z. Xu, Modeling and applying credible interval intuitionistic fuzzy reciprocal preference relations in group decision making, *Journal of Systems Engineering and Electronics*, Volume 28, Issue 2, pp 301-314, 2017. DOI: 10.21629/JSEE.2017.02.12, @2017
740. Abdel-Basset, M., M. Mohamed, A. Hussien, A novel group decision-making model based on triangular neutrosophic numbers, *Soft Computing*, pp 1-15, 2017, @2017
741. Wang, C., Vague parameterized vague soft set theory and its decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 4, pp 2341-2350, 2017. DOI: 10.3233/JIFS-17423, @2017
742. Jun, L., X. Wei-xin, L. Liang-qun, Online Visual Multiple Target Tracking by Intuitionistic Fuzzy Data Association, *International Journal of Fuzzy Systems*, Vol. 19, Issue 2, pp 355–366, 2017, @2017
743. Wendaia, L., G. MENG B, Research on the financial risk evaluation of listed companies with intuitionistic fuzzy information, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 6, pp 4379-4387, 2017. DOI: 10.3233/JIFS-1638, @2017
744. Zhao, H., W. Ma, B. Sun, A novel decision making approach based on intuitionistic fuzzy soft sets, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 4, pp 1107–1117, 2017, @2017
745. Roy, S., A. Bhaumik, Intelligent Water Management: a Triangular Type-2 Intuitionistic Fuzzy Matrix Games Approach, *Water Resources Management*, pp 1-20, 2017, @2017
746. Hajek, P., O. Prochazka, Interval-Valued Intuitionistic Fuzzy Cognitive Maps for Supplier Selection, *International Conference on Intelligent Decision Technologies, DT 2017: Intelligent Decision Technologies 2017*, pp 207-217, 2017, @2017
747. Shijina, V., S. John, Multiple Relations and its Application in Medical Diagnosis, *Journal of Fuzzy System Applications (IJFSA)*, Vol. 6, No 4, pp 47-62, 2017. DOI: 10.4018/IJFSA.2017100104, @2017
748. Hesamian, H., M. Akbari, Semi-parametric partially logistic regression model with exact inputs and intuitionistic fuzzy outputs, *Applied Soft Computing*, Vol. 58, pp 517-526, 2017, @2017

749. He, Y., L. Xiong, Generalized interval-valued intuitionistic fuzzy soft rough set and its application, *Journal of Computational Analysis and Applications*, Vol. 23, No 6, pp 1070-1088, 2017. ISSN: 1521-1398 (print version), ISSN: 1572-9206 (electronic version), @2017
750. Raquel, U., F. Chiclana, H. Fujita, E. Herrera-Viedma, Confidence based Consensus Model for Intuitionistic Fuzzy Preference relations, 4th International Conference on Control, Decision and Information Technologies (CoDIT'17), Barcelona, Spain, April 5-7, 2017. <http://hdl.handle.net/2086/13367>, @2017
751. Chandni, P. Sharma, P. Singh, M. Singh, A recursive formula for the number of intuitionistic fuzzy subgroups of a finite cyclic group, *AIP Conference Proceedings*, Vol. 1860, Issue 1, 020033, 2017, @2017
752. Xiong, X., D. Deng, Investment Risk Evaluation Model of Energy Project with Intuitionistic Fuzzy Information, *International Journal of Science*, Vol. 4, No 4, pp 156-164, 2017, @2017
753. Ali, M., L. Son, I. Deli, N. Tien, Bipolar neutrosophic soft sets and applications in decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp. 4077-4087, 2017. DOI: 10.3233/JIFS-17999, @2017
754. Bhaumik, A., S. Roy, D. Li, Analysis of triangular intuitionistic fuzzy matrix games using robust ranking, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 327-336, 2017, @2017
755. Mondal, S., D. Vishwakarma, A. Saha, Intuitionistic Fuzzy Difference Equation, *Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices*, (Adak, Amal Kumar, Manna, Debashree, Bhowmik, Monoranjan, Eds), pp 112-131, 2017. DOI: 10.4018/978-1-5225-0914-1. ISBN13: 9781522509141, ISBN10: 1522509143, @2017
756. Meng, F., J. Tang, C. Li, Uncertain linguistic hesitant fuzzy sets and their application in multi-attribute decision making, *International Journal of Intelligent Systems*, 2017. DOI: 10.1002/int.21957, @2017
757. Yang, X., Z. Xu, H. Liao, Correlation coefficients of hesitant multiplicative sets and their applications in decision making and clustering analysis, Vol. 61, pp 935-946, 2017, @2017
758. Si, A., S. Das, Intuitionistic Multi-fuzzy Convolution Operator and Its Application in Decision Making, *International Conference on Computational Intelligence, Communications, and Business Analytics, CICBA 2017: Computational Intelligence, Communications, and Business Analytics*, pp 540-551, 2017, @2017
759. Zhang, Z., Hesitant triangular multiplicative aggregation operators and their application to multiple attribute group decision making, *Neural Computing and Applications*, Vol. 28, Issue 1, pp 195–217, 2017, @2017
760. Liu, P., H. Li, Interval-valued intuitionistic fuzzy power Bonferroni aggregation operators and their application to group decision making, *Cognitive Computation*, Vol. 9, Issue 4, pp 494–512, 2017., @2017
761. Singh, S., H. Garg, Distance measures between type-2 intuitionistic fuzzy sets and their application to multicriteria decision-making process, *Applied Intelligence*, Vol. 46, Issue 4, pp 788–799, 2017, @2017
762. Hu, B., Hesitant sets and hesitant relations, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 6, pp. 3629-3640, 2017. DOI: 10.3233/JIFS-17314, @2017
763. Selvachandran, G., S. John, A. Salleh, Decision Making Based on the Aggregation Operator and the Intuitionistic Fuzzy Reduction Method of Intuitionistic Fuzzy Parameterized Intuitionistic Fuzzy Soft Sets, *Journal of Telecommunication, Electronic and Computer Engineering*, Vol. 9, Issue 1-3, pp 123-127, 2017, @2017
764. De Oliveira, F., RECONHECIMENTO DE PADRÃO EM PACIENTES COM ESCLEROSE SISTÊMICA POR SISTEMAS FUZZY, PhD Thesis, 88 pages, COPPE, UFRJ, Rio de Janeiro, 2017, @2017
765. Gupta, V., R. Kumar, A. Kanwar, SOME COUPLED FIXED POINT RESULTS ON MODIFIED INTUITIONISTIC FUZZY METRIC SPACES AND APPLICATION TO INTEGRAL TYPE CONTRACTION, *Iranian Journal of Fuzzy Systems*, Article 9, Vol. 14, Issue 5, pp 123-137, 2017. DOI: 10.22111/IJFS.2017.3436, @2017
766. Ye, J., S. Du, Some distances, similarity and entropy measures for interval-valued neutrosophic sets and their relationship, *International Journal of Machine Learning and Cybernetics*, pp 1-9, 2017, @2017
767. Ughade, M., R. Daheriya, R. Jain, Common fixed point results in intuitionistic fuzzy metric spaces under nonlinear type contractions, *Adv. Fixed Point Theory*, Vol. 7, No 1, pp 162-171, 2017. ISSN: 1927-6303, @2017
768. Liu, P., S. Chen, Group decision making based on Heronian aggregation operators of intuitionistic fuzzy numbers, *IEEE Transactions on Cybernetics*, Vol. 47, Issue 9, INSPEC Accession Number: 17081446, 2017. DOI: 10.1109/TCYB.2016.2634599, @2017
769. Peng, X., J. Dai, Algorithm for picture fuzzy multiple attribute decision-making based on new distance measure, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 2, pp 177-187, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020096, @2017
770. Liu, X., J. Zhu, S. Zhang, G. Liu, Multiple Attribute Group Decision-Making Methods Under Hesitant Fuzzy Linguistic Environment, *Journal of Intelligent Systems*, Vol. 26, Issue 2, pp 387–406, 2017, @2017
771. Xie, N., Z. Li, G. Zhang, An intuitionistic fuzzy soft set method for stochastic decision-making applying prospect theory and grey relational analysis, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 15-25, 2017. DOI: 10.3233/JIFS-16013, @2017
772. Bhattacharya, S., S. Roy, Application of IF set oscillation in the field of face recognition, *Pattern Recognition and Image Analysis*, Vol. 27, Issue 3, pp 625–636, 2017, @2017
773. Tian, Z., J Wang, J Wang, H Zhang, An improved MULTIMOORA approach for multi-criteria decision-making based on interdependent inputs of simplified neutrosophic linguistic information, *Neural Computing and Applications*, Vol. 28, Supplement 1, pp 585–597, 2017, @2017
774. Zhang, L., S. Gao, An application of weighted OWA operator under interval-valued intuitionistic fuzzy settings, 2017 29th Chinese Control And Decision Conference (CCDC), INSPEC Accession Number: 17040862, 2017. DOI:

775. Liu, J., X. Wu, S. Zeng, T. Pan, Intuitionistic Linguistic Multiple Attribute Decision-Making with Induced Aggregation Operator and Its Application to Low Carbon Supplier Selection, *Int. J. Environ. Res. Public Health*, 14(12), 1451, 2017. doi:10.3390/ijerph14121451, @2017
776. Zhang, Z., Multi-criteria group decision-making methods based on new intuitionistic fuzzy Einstein hybrid weighted aggregation operators, *Neural Computing and Applications*, Vol. 28, Issue 12, pp 3781–3800, 2017, @2017
777. Liu, P., J. Liu, S. Chen, Some intuitionistic fuzzy Dombi Bonferroni mean operators and their application to multi-attribute group decision making, *Journal of the Operational Research Society*, pp 1-16, 2017, @2017
778. Dutta, P., Decision Making in Medical Diagnosis via Distance Measures on Interval Valued Fuzzy Sets, *International Journal of System Dynamics Applications (IJSDA)* 6(4), Pages 21, 2017. DOI: 10.4018/IJSDA.2017100104, @2017
779. Mahmood, T., P. Liu, J. Ye, Q. Khan, Several hybrid aggregation operators for triangular intuitionistic fuzzy set and their application in multi-criteria decision making, *Granular Computing*, pp 1-16, 2017, @2017
780. Sun, G., L. Zhao, Models for evaluating the developing performance of tourism economy with intuitionistic fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, Vol. 21, No 4, pp 257-263, 2017. DOI: 10.3233/KES-170369, @2017
781. Park, J., H. Kwark, Y. Kwun, Entropy and Cross-entropy for Generalized Hesitant Fuzzy Information and Their Use in Multiple Attribute Decision Making, *International Journal of Intelligent Systems*, Vol. 32, Issue 3, pp 266-290, 2017, DOI: 10.1002/int.21841, @2017
782. Sahoo, S., M. Pal, Modular and homomorphic product of intuitionistic fuzzy graphs and their degree, *International Journal of Computing and Mathematics*, Vol. 8, Issue 5, pp 395-404, 2017., @2017
783. Stanujkic, D., I. Meidutė-Kavaliauskienė, An approach to the production plant location selection based on the use of the Atanassov interval-valued intuitionistic fuzzy sets, *Transport*, pp 1-8, 2017, @2017
784. Sanchez, M., O. Castillo, J. Castro, An Overview of Granular Computing Using Fuzzy Logic Systems, *Nature-Inspired Design of Hybrid Intelligent Systems*, pp 19-38, 2017, @2017
785. Khan, M., S. Abdullah, A. Ali, N. Siddiqui, F. Amin, Pythagorean hesitant fuzzy sets and their application to group decision making with incomplete weight information, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3971-3985, 2017. DOI: 10.3233/JIFS-17811, @2017
786. Chu, J., K. Chin, X. Liu, Y. Wang, A prospect theory based approach to multiple attribute decision making considering the decision maker's attitudinal character, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No. 3, pp. 2563-2578, 2017. DOI: 10.3233/JIFS-16543, @2017
787. Namburu, A., S.K Samayamantula, S.R Edara, Generalised rough intuitionistic fuzzy c-means for magnetic resonance brain image segmentation, *IET Image Processing*, 2017, Volume 11, Issue 9, p. 777 – 785, 2017 . DOI: 10.1049/iet-ipr.2016.0891 , Print ISSN 1751-9659, Online ISSN 1751-9667, @2017
788. Gomathi, M., D. Jayanthi, Intuitionistic Fuzzy Contra  $\beta$  Generalized  $\alpha$  Open Mappings, *International Journal of Mathematical Analysis*, Vol. 11, No 14, pp 687-693, 2017, @2017
789. Shi, M., Q. Xiao, Hesitant fuzzy linguistic aggregation operators based on global vision, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 193-206, 2017. DOI: 10.3233/JIFS-161454, @2017
790. Onar, S., B. Oztaysi, C. Kahraman, Dynamic intuitionistic fuzzy multi-attribute aftersales performance evaluation, *Complex & Intelligent Systems*, Vol. 3, Issue 3, pp 197–204, 2017, @2017
791. Zou, L., X. Li, C. Pan, X. Liu,  $(\alpha, \beta)$ -Ordered Linear Resolution of Intuitionistic Fuzzy Propositional Logic, *Information Sciences*, Vol. 414, pp 329-339, 2017, @2017
792. Li, S., H. Li, An approximation method of intuitionistic fuzzy numbers, *Journal of Intelligent & Fuzzy Systems*, Vol. 32, No 6, pp 4343-4355, 2017. DOI: 10.3233/JIFS-16992. ISSN 1064-1246 (P). ISSN 1875-8967 (E), @2017
793. Schütze, R., H. Fromm, Intuitionistic Fuzzy Logic–Anwendungsoptionen im IT Service Management Intuitionistic Fuzzy Logic–Use Cases for IT Service Management, *HMD Praxis der Wirtschaftsinformatik*, pp 1-15, 2017, @2017
794. Zhang, X., Pythagorean Fuzzy Clustering Analysis: A Hierarchical Clustering Algorithm with the Ratio Index-Based Ranking Methods, *International Journal of Intelligent Systems*, 2017. DOI: 10.1002/int.21915, @2017
795. Liu, X., Q. Qu, L. Zhang, D. Ju, Some Power Aggregation Operators for Hesitant Intuitionistic Fuzzy Linguistic Set and Their Applications to Multiple Attribute Decision Making, *Proceedings of the Fourth International Forum on Decision Sciences*, pp 325-347, 2017, @2017
796. Mahmood, T., S. Abdullah, M. Bilal, MULTICRITERIA DECISION MAKING BASED ON CUBIC SET, *Journal of New Theory*, Vol. 16, pp 01-09, 2017, @2017
797. Sarkar, M., T. Roy, Multi-Objective Welded Beam Optimization using Neutrosophic Goal Programming Technique, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 515-538, 2017. ISSN 0973-533X, @2017
798. Wei, G., Interval-valued dual hesitant fuzzy uncertain linguistic aggregation operators in multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1881-1893, 2017. DOI: 10.3233/JIFS-161811, @2017
799. Li, D., H. Dong, X. Jin, Model for evaluating the enterprise marketing capability with picture fuzzy information, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 6, pp. 3255-3263, 2017. DOI: 10.3233/JIFS-161741, @2017

800. De Mol, R., A. Bronselaer, G. De Tré, Evaluating flexible criteria on uncertain data, *Fuzzy Sets and Systems*, Volume 328, pp 122-140, 2017, @2017
801. Bao, Y., Z. Zhu, Y. Xiong, A Novel MADM Approach Based on Cross-entropy with intuitionistic Hesitant Fuzzy Sets, *Proceedings of the 2017 International Conference on Management Engineering, ICMSS '17, Software Engineering and Service Sciences*, January 14-16, Wuhan, China, 2017, pp 108-112. DOI: 10.1145/3034950.3034974. ISBN: 978-1-4503-4834-8, @2017
802. Wei, G., M. Lu, Pythagorean Hesitant Fuzzy Hamacher Aggregation Operators in Multiple-Attribute Decision Making, *Journal of Intelligent Systems*, 2017. <https://doi.org/10.1515/jisys-2017-0106>, @2017
803. Geng, Y., P. Liu, F. Teng, Z. Liu, Pythagorean fuzzy uncertain linguistic TODIM method and their application to multiple criteria group decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3383-3395, 2017. DOI: 10.3233/JIFS-162175, @2017
804. Lu, N., L. Liang, Correlation Coefficients of Extended Hesitant Fuzzy Sets and Their Applications to Decision Making, *Symmetry*, 9(4), 47, 2017. DOI: 10.3390/sym9040047, @2017
805. Kumar, P., S. Singh, Fuzzy system reliability using generalized trapezoidal intuitionistic fuzzy number with some arithmetic operations, *Nonlinear Studies*, Vol. 24, Issue 1, pp 139-157, 2017, @2017
806. Tooranloo, H., A. Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effect Analysis in Interval-Valued Intuitionistic Fuzzy Environment, *International Journal of Fuzzy Systems*, Vol. 19, Issue 1, pp 109-123, 2017, @2017
807. Sarkar, M., T. Roy, Optimization of Welded Beam Structure using Neutrosophic Optimization Technique: A Comparative Study, *International Journal of Fuzzy Systems*, pp 1-14, 2017, @2017
808. Gou, X., Z. Xu, H. Liao, Hesitant fuzzy linguistic entropy and cross-entropy measures and alternative queuing method for multiple criteria decision making, *Information Sciences*, Volumes 388-389, pp 225-246, 2017, @2017
809. Sarkar, M., T. Roy, Truss Design Optimization with Imprecise Load and Stress in Neutrosophic Environment, *Advances in Fuzzy Mathematics*, Vol. 12, No 3, pp 439-474, 2017, @2017
810. De Mol, R., G. De Tré, Representing Uncertainty Regarding Satisfaction Degrees Using Possibility Distributions, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017. Advances in Intelligent Systems and Computing book series (AISC, volume 641)*, pp 597-604, 2017, @2017
811. Singh, S., S. Yadav, Intuitionistic fuzzy multi-objective linear programming problem with various membership functions, *Annals of Operations Research*, pp 1-15, 2017, @2017
812. Shakeel, M., K. Rahman, M. Khan, M. Ullah, Induced Averaging Aggregation Operators with Interval Pythagorean Trapezoidal Fuzzy Numbers and their Application to Group Decision Making, *The Nucleus*, The Nucleus, Vol. 54, No 2, pp 140-153, 2017, @2017
813. Du, X., Correlation coefficient of hesitant fuzzy sets, 32nd Youth Academic Annual Conference of Chinese Association of Automation (YAC), INSPEC Accession Number: 17009852, 2017. DOI: 10.1109/YAC.2017.7967582, @2017
814. Kumar, T., R. Bajaj, R. Kaushik, Expected value based ranking of intuitionistic fuzzy variables, *AIP Conference Proceedings*, Vol. 1860, 020030, 2017, @2017
815. Imdad, M., M. Ahmed, H. Nafadi, Common fixed point theorems for hybrid pairs of L-fuzzy mappings in non-Archimedean modified intuitionistic fuzzy metric spaces, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp. 667-677, 2017. DOI: 10.3233/JIFS-169666, @2017
816. He, X., Y. Wu, City Sustainable Development Evaluation Based on Hesitant Multiplicative Fuzzy Information, *Mathematical Problems in Engineering*, Volume 2017, Article ID 8306508, 9 pages, 2017, @2017
817. adeer, T., Z. Li, A Fuzzy Multi-Criteria Evaluation Method of Water Resource Security Based on Pressure-Status-Response Structure, *International Conference on Management Science and Engineering Management, ICMSEM 2017: Proceedings of the Eleventh International Conference on Management Science and Engineering Management, Part of the Lecture Notes on Multidisciplinary Industrial Engineering book series (LNMUINEN)*, pp 1186-1197, 2017, @2017
818. Dhavaseelan, R., S. Jafari, R. Devi, R. Narmada, Neutrosophic Baire Spaces, *Neutrosophic Sets & Systems*, Vol. 16, pp 20-23, 2017, @2017
819. Akram, M., A. Luqman, A new decision-making method based on bipolar neutrosophic directed hypergraphs, *Journal of Applied Mathematics and Computing*, pp 1-29, 2017, @2017
820. Gümüş, S., Dynamic Aggregation Operators Based on Intuitionistic Fuzzy Tools and Einstein Operations, *Fuzzy Information and Engineering*, Vol. 9, Issue 1, pp 45-65, 2017, @2017
821. Ervural, B., B. Ervural, C. Kahraman, A Comprehensive Literature Review on Nature-Inspired Soft Computing and Algorithms: Tabular and Graphical Analyses, *Handbook of Research on Soft Computing and Nature-Inspired Algorithms (Shandilya, Shishir K., Shandilya, Smita, Deep, Kusum, Nagar, Atulya K Eds.)*, Chapter 2, pp 34-67, 2017, @2017
822. Du, Y., F. Hou, W. Zafar, Q. Yu, Y. Zhai, A Novel Method for Multiattribute Decision Making with Interval-Valued Pythagorean Fuzzy Linguistic Information, *International Journal of Intelligent Systems*, Vol. 32, No 10, pp 1085-1112, 2017. DOI: 10.1002/int.21881, @2017
823. Zhong, L., Z. Wu, Site Selection of Public Fast Electric Vehicle Charging Station by Using an Intuitionistic Fuzzy Projection-Based Approach, *International Conference on Management Science and Engineering Management, CMSEM 2017: Proceedings of the Eleventh International Conference on Management Science and Engineering Management*, pp 1688-1696, 2017, @2017

824. Kahraman, C., B. Oztaysi, S. Onar, Interval-Valued Intuitionistic Fuzzy Confidence Intervals, *Journal of Intelligent Systems*, 2017. ISSN (Online) 2191-026X, ISSN (Print) 0334-1860, @2017
825. Loor, M., G. De Tré, On the need for augmented appraisal degrees to handle experience-based evaluations, *Applied Soft Computing*, Vol. 54, pp 284-295, 2017, @2017
826. Qu, G., W. Qu, Z. Zhang, J. Wang, Choquet integral correlation coefficient of intuitionistic fuzzy sets and its applications, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 1, pp. 543-553, 2017. DOI: 10.3233/JIFS-162131, @2017
827. Huang, Y., W. Jiang, Extension of TOPSIS Method and its Application in Investment, *Arabian Journal for Science and Engineering*, pp 1-13, 2017, @2017
828. Das, S., D. Guha, Attribute weight computation in a decision making problem by particle swarm optimization, *Neural Computing and Applications*, pp 1-11, 2017, @2017
829. Kahraman, C., İ. Sari, S. Onar, B. Oztaysi, Fuzzy Economic Analysis Methods for Environmental Economics, *Intelligence Systems in Environmental Management: Theory and Applications*, Part of the Intelligent Systems Reference Library book series (ISRL, volume 113), pp 315-34, 2017. Springer, @2017
830. D'Urso, P., Exploratory multivariate analysis for empirical information affected by uncertainty and modeled in a fuzzy manner: a review, *Granular Computing*, Vol. 2, Issue 4, pp 225–247, 2017, @2017
831. Mao, H., G. Lin, Interval neutrosophic fuzzy concept lattice representation and interval-similarity measure, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No. 2, pp. 957-967, 2017. DOI: 10.3233/JIFS-162272, @2017
832. Rehman, I., A. Razzaque, T. Shah, A Novel Approach to Analyze S-boxes in Image Encryption Using Fuzzy Soft Set Aggregation Operator, *Journal of multiple-valued logic and soft computing*, Vol. 20, No 28, pp 495-510, 2017, @2017
833. De Angelis, F., G. Serugendo, B. Dunin-Keřpicz, A. Szalas, Heterogeneous approximate reasoning with graded truth values, (Polkowski L. et al., Eds) *Rough Sets*. In: *International Joint Conference on Rough Sets IJCRS 2017*, Lecture Notes in Computer Science, Vol. 10313, pp 61-82, 2017, @2017
834. Marasini, D., P. Quatto, E. Ripamonti, Inferential confidence intervals for fuzzy analysis of teaching satisfaction, *Quality & Quantity*, Vol. 51, Issue 4, pp 1513–1529, 2017, @2017
835. D'Urso, P., Informational Paradigm, management of uncertainty and theoretical formalisms in the clustering framework: A review, *Information Sciences*, Vol. 400–401, pp 30-62, 2017, @2017
836. Liu, P., S. Chen, J. Liu, Multiple attribute group decision making based on intuitionistic fuzzy interaction partitioned Bonferroni mean operators, *Information Sciences*, Vol. 411, pp 98-121, 2017, @2017
837. Mesiar, R., A. Kolesárová, Quo vadis aggregation?, *International Journal of General Systems*, pp 1-21, 2017, @2017
838. Hinduja, A., M. Pandey, Multicriteria Recommender System for Life Insurance Plans based on Utility Theory, *Indian Journal of Science and Technology*, 10, pp 1-8. DOI: 10.17485/ijst/2017/v10i14/111376, @2017
839. Deng, H., W. Deng, X. Sun, M. Liu, C. Ye, Mammogram Enhancement Using Intuitionistic Fuzzy Sets, *IEEE Transactions on Biomedical Engineering*, Vol. 64, Issue 8, 2017. DOI: 10.1109/TBME.2016.262430, @2017
840. Sun, B., W. Ma, Fuzzy rough set over multi-universes and its application in decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 1719-1734, 2017. DOI: 10.3233/JIFS-151977, @2017
841. Peng, S., Study on enterprise risk management assessment based on picture fuzzy multiple attribute decision-making method, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 6, pp 3451-3458, 2017. DOI: 10.3233/JIFS-16298, @2017
842. Paul, U., O. Falowo, Efficient RAT-selection for group calls using intuitionistic fuzzy TOPSIS in heterogeneous wireless networks, *AFRICON, 2017 IEEE*, 2017, INSPEC Accession Number: 17352040, pp 365-370, 2017. DOI: 10.1109/AFRCON.2017.8095510, @2017
843. Rahman, S., A. Ahmed, On Intuitionistic Fuzzy Ideals of Semirings with Respect to Fuzzy Connectives, *Fuzzy Systems*, Vol. 9, No 8, pp 160-166, 2017, @2017
844. Anuradha, D., V. Sobana, Solving intuitionistic fuzzy multi-objective nonlinear programming problem, 14th ICSET-2017, IOP Conference Series: Materials Science and Engineering, Vol. 263, 042104, pp 1-5, 2017. DOI:10.1088/1757-899X/263/4/0421042017, @2017
845. Xu, Z., X. Gou, An overview of interval-valued intuitionistic fuzzy information aggregations and applications, *Granular Computing*, Vol. 2, Issue 1, pp 13–39, 2017, @2017
846. Tao, Z., X. Liu, H. Chen, L. Zhou, Ranking interval-valued fuzzy numbers with intuitionistic fuzzy possibility degree and its application to fuzzy multi-attribute decision making, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 646–658, 2017, @2017
847. Zhan, J., J. Alcantud, A survey of parameter reduction of soft sets and corresponding algorithms, *Artificial Intelligence Review*, pp 1-34, 2017, @2017
848. Sotirov, S., E. Sotirova, Dicho Stratiev, Danail Stratiev, N. Sotirov, An Application of Neural Network to Heavy Oil Distillation with Recognitions with Intuitionistic Fuzzy Estimation, *North American Fuzzy Information Processing Society Annual Conference, NAFIPS 2017: Fuzzy Logic in Intelligent System Design*, Part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 648), pp 248-255. 2017, @2017

---

## 1987

---

7. **Christov I.** Digital elimination of 50 Hz interference from ECG signals. 7-th Hungarian Conference of Biomedical Engineering, Esztergom, September, 1987, 85-87

Цитира се в:

849. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

8. **Atanassov, K.** Generalized index matrices. Comptesrendus de l'AcademieBulgare des Sciences, 11, 40, 1987, 15-18. SJR:0.21, ISI IF:0.284

Цитира се в:

850. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

---

## 1988

---

9. **Atanassov, K. T.** Review and new results on intuitionistic fuzzy sets. IM-MFAIS-88-1, 1988

Цитира се в:

851. Al-Omeri, W., F Smarandache, New Neutrosophic Sets via Neutrosophic Topological Spaces, pp 191-210, 2017., @2017

852. Puvaneswari, PJ, K Bageerathi. On Neutrosophic Feebly Open Set In Neutrosophic Topological Spaces, Vol. 43, No 3, pp 230-236, 2017. ISSN 2231-5373, @2017

853. Islam, R., MS Hossain, MR Amin, Some Remarks on Intuitionistic L-T2 Spaces, Annals of Pure and Applied Mathematics, Vol. 13, No. 2, pp 249-255, 2017, @2017

854. VEERESWARI, Y., A Study on Neutrosophic Frontier and Neutrosophic Semi-frontier in Neutrosophic Topological Spaces, International Journal of Mathematical Archive, 8 (3), 144-149, 2017, @2017

855. Iswarya, P., K Bageerathi, Compact Open Topology and Evaluation Map via Neutrosophic Sets, Neutrosophic Sets and Systems, Vol. 16, pp 35-, 2017, @2017

856. AGAW Al-Qubati, On b-Regularity and Normality In Intuitionistic Fuzzy Topological Spaces, Journal of Informatics and Mathematical Sciences, Vol. 9, No 1, pp. 89–100, 2017. ISSN 0975-5748 (online); 0974-875X (print), @2017

857. Rao, VV, YS Rao, Neutrosophic Pre-open Sets and Pre-closed Sets in Neutrosophic Topology, pp 450-457, 2017, @2017

858. Veereswari, Y., AN INTRODUCTION TO FUZZY NEUTROSOPHIC TOPOLOGICAL SPACES, International Journal of Mathematical Archive (IJMA), Vol. 8, No 3, pp 144-149, 2017. ISSN 2229 – 5046., @2017

859. Al-Omeri, W., Neutrosophic crisp Sets via Neutrosophic crisp Topological Spaces NCTS, Neutrosophic Sets and Systems, Vol. 13, pp 96-104, 2017, @2017

860. Oscar Castillo, Eduardo Ramirez and Olympia Roeva. Water cycle algorithm augmentation with fuzzy and intuitionistic fuzzy dynamic adaptation of parameters. "Notes on IFS", Volume 23, 2017, Number 1, pages 79–94, @2017

861. Patricia Melin, Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95–102, @2017

10. **Христов И.** "Възприемане, обработка и регистриране на електрокардиосигнали чрез микропроцесорни устройства", Дисертация за присъждане на научна степен "Доктор". 1988, 140

Цитира се в:

862. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

11. **Christov I**, Dotsinsky I. New approach to the digital elimination of 50 Hz interference from the electrocardiogram.. medical & biological engineering & computing, 26, 1988, 431-434. SJR:2.02, ISI IF:1.76

*Lumupa ce e:*

863. Talavera JR, Mendoza EAS, Dávila NM, Supo E (2017) Implementation of a real-time 60 Hz interference cancellation algorithm for ECG signals based on ARM cortex M4 and ADS1298. Int. Conf. on Electronics, Electrical Engineering and Computing, pp. 1-4., @2017

864. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

---

## 1989

---

12. **Atanassov, K. T.**, Gargov, G.. Interval valued intuitionistic fuzzy sets. Fuzzy Sets and Systems, 31, 3, Elsevier, 1989, 343-349

*Lumupa ce e:*

865. Bhowmik, M., M. Pal, Fuzzy Sets, Intuitionistic Fuzzy Sets: Separation of Generalized Interval-Valued Intuitionistic Fuzzy Sets, Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices, pp 1-17, 2017. DOI: 10.4018/978-1-5225-0914-1.ch001, @2017

866. El Alaoui, M., H Ben-Azza, Generalization of the weighted product aggregation applied to data fusion of intuitionistic fuzzy quantities, 2017 Intelligent Systems and Computer Vision (ISCV), INSPEC Accession Number: 17215672, 2017. DOI: 10.1109/ISACV.2017.8054908, @2017

867. Zhang, L., S Gao, An application of weighted OWA operator under interval-valued intuitionistic fuzzy settings, 2017 29th Chinese Control And Decision Conference (CCDC), INSPEC Accession Number: 17040862, 2017. DOI: 10.1109/CCDC.2017.7979274, @2017

868. Shi, SX, Performance evaluation of urban ecological environment construction with interval-valued intuitionistic fuzzy information, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 1119-1127, 2017. DOI: 10.3233/JIFS-16475, @2017

869. He, X., Y Wu, Global Research Trends of Intuitionistic Fuzzy Set: A Bibliometric Analysis, Journal of Intelligent Systems, 2017., @2017

870. Mahmood, T., S Abdullah, M Bilal, MULTICRITERIA DECISION MAKING BASED ON CUBIC SET, Journal of New Theory, Vol. 16, pp 1-9, 2017, @2017

871. Wang, CY, SM Chen, Multiple attribute decision making based on interval-valued intuitionistic fuzzy sets, linear programming methodology, and the extended TOPSIS method, Information Sciences, Volumes 397–398, pp 155-167, 2017, @2017

872. Peng, X., J Dai, Approaches to Pythagorean Fuzzy Stochastic Multi-criteria Decision Making Based on Prospect Theory and Regret Theory with New Distance Measure and Score Function, International Journal of Intelligent Systems, Vol. 32, Issue 11, pp 1187-1214, 2017. DOI: 10.1002/int.21896, @2017

873. Li, M., C Wu, X Shen, L Zhang, An Intuitionistic Fuzzy Multiple Attribute Decision Making Method Based on Improved Score Function, Boletín Técnico, Vol.55, Issue 13, pp.363-370, 2017, @2017

874. Chen, J., J Ye, S Du, Vector similarity measures between refined simplified neutrosophic sets and their multiple attribute decision-making method, Symmetry, Issue 1, pp 308-315, 2017., @2017

875. Naz, S., H Rashmanlou, MA Malik, Operations on single valued neutrosophic graphs with application, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 3, pp. 2137-2151, 2017. DOI: 10.3233/JIFS-161944, @2017

876. Biswas, R., Continuous Fuzzy Evaluation Methods: A Novel Tool for the Analysis and Decision Making in Football (or Soccer) Matches: A New Innovative Proposal to FIFA & UEFA, (Ranjit Biswas, Ed), 2017. ISBN 978-3-319-70751-8, @2017

877. Reiser, R., B Bedregal, Correlation in Interval-Valued Atanassov's Intuitionistic Fuzzy Sets-Conjugate and Negation Operators, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Volume 25, Issue 05, 25:05, 787-819, 2017., @2017

878. Dhivya, J., B Sridevi, SINGLE VALUED NEUTROSOPHIC EXPONENTIAL SIMILARITY MEASURE FOR MEDICAL DIAGNOSIS AND MULTI ATTRIBUTE DECISION MAKING, International Journal of Pure and Applied Mathematics Vol. 116, No. 12, 157-166, 2017. doi: 10.12732/ijpam.v116i12.17, @2017

879. Stanujkic, D., EK Zavadskas, F Smarandache, W Brauers, D Karabasevic, Darjan, A Neutrosophic Extension of the MULTIMOORA Method, Informatica, vol. 28, no. 1, pp. 181-192, 2017, @2017

880. Xia, M., Interval-valued intuitionistic fuzzy matrix games based on Archimedean t-conorm and t-norm, International Journal of General Systems, pp 1-16, 2017., @2017

881. Saeid, AB, YB Jun, Neutrosophic subalgebras of BCK/BCI-algebras based on neutrosophic points, *Annals of Fuzzy Mathematics*, Vol. 14, No 1, pp 87-97, 2017. In Press, @2017
882. Wang, SF, Interval-valued intuitionistic fuzzy Choquet integral operators based on Archimedean t-norm and their calculations, *Journal of Computational Analysis & Applications*, Vol. 23, Issue 1, pp 703-712, 2017, @2017
883. Krishankumar, R., KS Ravichandran, R. Ramprakash, A Scientific Decision Framework for Supplier Selection under Interval Valued Intuitionistic Fuzzy Environment, *Mathematical Problems in Engineering*, Volume 2017, Article ID 1438425, 18 pages, 2017., @2017
884. Büyüközkan, G., F Göçer, O Feyzioğlu, Cloud Computing Technology Selection Based on Interval Valued Intuitionistic Fuzzy COPRAS, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, In: Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M. (eds), pp 318-329, 2017., @2017
885. Zhang, W., Y Ju, X Liu, Interval-valued intuitionistic fuzzy programming technique for multicriteria group decision making based on Shapley values and incomplete preference information, *Soft Computing*, Volume 21, Issue 19, pp 5787–5804, 2017., @2017
886. Hajek, P., O Prochazka, Interval-Valued Intuitionistic Fuzzy Cognitive Maps for Supplier Selection, *International Conference on Intelligent Decision Technologies, DT 2017: Intelligent Decision Technologies*, pp 207-217, 2017., @2017
887. Broumi, S., M Talea, A Bakali, F Smarandache, Computation of Shortest Path Problem in a Network with SV-Triangular Neutrosophic Numbers, *2017 IEEE International Conference on INnovations in Intelligent Systems and Applications (INISTA)*, Gdynia Maritime University, Gdynia, Poland, 3-5 July 2017, pp 426-431, 2017, @2017
888. Garg, H., N Agarwal, A Tripathi, Some improved interactive aggregation operators under interval-valued intuitionistic fuzzy environment and their application to decision making process, *Scientia Iranica E*, 24(5), 2581-2604, 2017, @2017
889. Liu, P., Multiple Attribute Decision-Making Methods Based on Normal Intuitionistic Fuzzy Interaction Aggregation Operators, *Symmetry*, 9(11), 261, pp 1- 28, 2017. doi:10.3390/sym9110261, @2017
890. Meng, F., C Tan, A Method for Multi-Attribute Group Decision Making Based on Generalized Interval-Valued Intuitionistic Fuzzy Choquet Integral Operators, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, Volume 25, Issue 05, 2017. Print ISSN: 0218-4885, Online ISSN: 1793-6411., @2017
891. Joshi, R., S Kumar, Parametric (R, S)-norm Entropy on Intuitionistic Fuzzy Sets with a New Approach in Multiple Attribute Decision Making, *Fuzzy Information and Engineering*, 2017 - Elsevier, @2017
892. Sirbiladze, G., O Badagadze, Intuitionistic Fuzzy Probabilistic Aggregation Operators Based on the Choquet Integral: Application in Multicriteria Decision-Making, *International Journal of Information Technology & Decision Making*, Vol. 16, No 01, pp 245-279, 2017., @2017
893. Ye, J., S Du, Some distances, similarity and entropy measures for interval-valued neutrosophic sets and their relationship, *International Journal of Machine Learning and Cybernetics*, pp 1-9, 2017., @2017
894. Ye, J., Correlation Coefficient between Dynamic Single Valued Neutrosophic Multisets and Its Multiple Attribute Decision-Making Method, *Information*, 8, 41, pp 3-9, 2017, @2017
895. Du, Y., F Hou, W Zafar, Q Yu, Y Zhai, A Novel Method for Multiattribute Decision Making with Interval-Valued Pythagorean Fuzzy Linguistic Information, *International Journal of Intelligence Systems*, Vol. 32, Issue 10, pp 1085-1112, 2017. DOI: 10.1002/int.21881, @2017
896. Can, MC, OF Ozguven, PID Tuning with Neutrosophic Similarity Measure, *International Journal of Fuzzy Systems*, Volume 19, Issue 2, pp 489–503, 2017., @2017
897. Yang, Y., L Lang, L Lu, Y Sun, A New Method of Multiattribute Decision-Making Based on Interval-Valued Hesitant Fuzzy Soft Sets and Its Application, *Mathematical Problems in Engineering*, Volume 2017 (2017), Article ID 9376531, 8 pages, 2017., @2017
898. Roy, SK, A Bhaumik, Intelligent Water Management: a Triangular Type-2 Intuitionistic Fuzzy Matrix Games Approach, *Water Resources Management*, pp 1-20, 2017., @2017
899. Zhang, Z., Hesitant fuzzy multi-criteria group decision making with unknown weight information, *International Journal of Fuzzy Systems*, Volume 19, Issue 3, pp 615–636, 2017., @2017
900. Zhou, W., Z Xu, Extended Intuitionistic Fuzzy Sets Based on the Hesitant Fuzzy Membership and their Application in Decision Making with Risk Preference, *International Journal of Intelligent Systems*, Vol. 33, Issue 2, pp 417-443, 2017. DOI: 10.1002/int.21938., @2017
901. Qin, Q., F Liang, L Li, YM Wei, Selection of energy performance contracting business models: A behavioral decision-making approach, *Renewable and Sustainable Energy Reviews*, Volume 72, pp 422-433, 2017, @2017
902. Dey, S., Intuitionistic Fuzzy Multi-Objective Structural Optimization using Non-linear Membership Functions, 2017, *International Journal of Computer & Organization Trends (IJCOT)*, Volume 41, Number 1, pp 14-20, 2017, @2017
903. Mao, H., GM Lin, Interval neutrosophic fuzzy concept lattice representation and interval-similarity measure, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 2, pp. 957-967, 2017. DOI: 10.3233/JIFS-162272, @2017
904. Park, J., H. Kwark, Y. Kwun, Cross-entropy for generalized hesitant fuzzy sets and their use in multi-criteria decision making, *Journal of Computational Analysis & Applications*, Vol. 22, Issue 4, pp 709-725, 2017, @2017

905. Şahin, R., Normal neutrosophic multiple attribute decision making based on generalized prioritized aggregation operators, *Neural Computing and Applications*, pp 1-23, 2017, @2017
906. Broumi, S., A. Bakali, M. Talea, F. Smarandache, Generalized Bipolar Neutrosophic Graphs of Type 1, 20th International Conference on Information Fusion Xi'an, China - July 10-13, pp 1714-1719, 2017, @2017
907. Farhadinia, B., Z Xu, Distance and aggregation-based methodologies for hesitant fuzzy decision making, *Cognitive Computation*, Volume 9, Issue 1, pp 81–94, 2017, @2017
908. Kumar, K., H Garg, Connection number of set pair analysis based TOPSIS method on intuitionistic fuzzy sets and their application to decision making, *Applied Intelligence*, p 1-8, 2017., @2017
909. Liao, H., Z Xu, Hesitant Fuzzy Set and Its Extensions, *Hesitant Fuzzy Decision Making Methodologies and Applications*, pp 1-36, 2017., @2017
910. Liu, B., S Guo, K Yan, Ling Li, X Wang, Double weight determination method for experts of complex multi-attribute large-group decision-making in interval-valued intuitionistic fuzzy environment, *IEEE Xplore: Journal of Systems Engineering and Electronics*, Vol. 28, No 1, pp 88-96, INSPEC Accession Number: 16742440, 2017. DOI: 10.21629/JSEE.2017.01.11, @2017
911. Tang, X., C Fu, DL Xu, S Yang, Analysis of fuzzy Hamacher aggregation functions for uncertain multiple attribute decision making, *Information Sciences*, Volume 387, Pages 19-33, 2017., @2017
912. Liu, Y., HL Yang, Further research of single valued neutrosophic rough sets, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 3, pp. 1467-1478, 2017. DOI: 10.3233/JIFS-17401, @2017
913. Vidhya, R., RI Hepzibah, A comparative study on interval arithmetic operations with intuitionistic fuzzy numbers for solving an intuitionistic fuzzy multi-objective linear programming problem, *International Journal of Applied Mathematics and Computer Science*, Vol. 27, No. 3, pp 563–573, 2017. DOI: 10.1515/amcs-2017-0040, @2017
914. Zhou, W., Z Xu, Group consistency and group decision making under uncertain probabilistic hesitant fuzzy preference environment, *Information Sciences*, Vol. 414, pp 276-288, 2017, @2017
915. Guo, Z., Y. Liu, H. Yang, A Novel Rough Set Model in Generalized Single Valued Neutrosophic Approximation Spaces and Its Application, *Symmetry* 9(7): 119 , 2017, @2017
916. Wu, H., X Su, Group Generalized Interval-valued Intuitionistic Fuzzy Soft Sets and Their Applications in Decision Making, *Iranian Journal of Fuzzy Systems*, Article 2, Vol. 14, Issue 1, Page 1-21, 2017, @2017
917. Kumar, S., A Biswas, Use of Possibility Measures for Ranking of Interval Valued Intuitionistic Fuzzy Numbers in Solving Multicriteria Decision Making Problems, *International Conference on Computational Intelligence, Communications, and Business Analytics, CICBA 2017: Computational Intelligence, Communications, and Business Analytics, Part of the Communications in Computer and Information Science book series (CCIS, volume 776)*, pp 153-167, 2017., @2017
918. Liu, P., Multiple attribute group decision making method based on interval-valued intuitionistic fuzzy power Heronian aggregation operators, *Computers & Industrial Engineering*, Volume 108, June 2017, Pages 199-212, 2017., @2017
919. Ye, J., Generalized Dice measures for multiple attribute decision making under intuitionistic and interval-valued intuitionistic fuzzy environments, *Neural Computing and Applications*, pp 1-10, 2017., @2017
920. Fu, J., J Ye, Simplified neutrosophic exponential similarity measures for the initial evaluation/diagnosis of benign prostatic hyperplasia symptoms, *Symmetry*, 9(8), 154, 2017. doi:10.3390/sym9080154, @2017
921. Rahman, K., A Ali, M Shakeel, MSA Khan, Murad Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, *The Nucleus*, Vol 54, No 3, pp 190-196, 2017, @2017
922. Liu, Z., P Liu, W Liu, J Pang, Pythagorean uncertain linguistic partitioned Bonferroni mean operators and their application in multi-attribute decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 2779-2790, 2017. DOI: 10.3233/JIFS-16920, @2017
923. Ma, H., H Zhu, Z Hu, K Li, W Tang, Time-aware trustworthiness ranking prediction for cloud services using interval neutrosophic set and ELECTRE, *Knowledge-Based Systems*, Volume 138, pp 27-45, 2017, @2017
924. Büyüközkan, G., F Göçer, An extension of MOORA approach for group decision making based on interval valued intuitionistic fuzzy numbers in digital supply chain, *Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSAS-SCIS), 2017 Joint 17th World Congress of International, INSPEC Accession Number: 17151170*, pp 1-6, 2017. DOI: 10.1109/IFSAS-SCIS.2017.8023358, @2017
925. Garg, H., Non-linear programming method for multi-criteria decision making problems under interval neutrosophic set environment, *Applied Intelligence*, pp 1–15, 2017., @2017
926. Garg, H., Generalized Intuitionistic Fuzzy Entropy-Based Approach for Solving Multi-attribute Decision-Making Problems with Unknown Attribute Weights, *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, pp 1-11, 2017., @2017
927. Ananthi, VP, P Balasubramaniam, P Raveendran, A thresholding method based on interval-valued intuitionistic fuzzy sets: an application to image segmentation, *Pattern Analysis and Applications*, pp 1-13, 2017, @2017
928. Karaaslan, F., Multicriteria Decision-Making Method Based on Similarity Measures under Single-Valued Neutrosophic Refined and Interval Neutrosophic Refined Environments, *International Journal of Intelligent Systems*, 2017. DOI: 10.1002/int.21906, @2017
929. Wei, G., Picture fuzzy aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 2, pp. 713-724, 2017. DOI: 10.3233/JIFS-161798, @2017
930. Yin, S., B Li, H Dong, Z Xing, A New Dynamic Multicriteria Decision Making Approach for Green Supplier Selection in Construction Projects under Time Sequence, *Mathematical Problems in Engineering* Volume 2017, Article ID

931. Liu, P., H Li, Multiple attribute decision-making method based on some normal neutrosophic Bonferroni mean operators, *Neural Computing and Applications*, Volume 28, Issue 1, pp 179–194, 2017, @2017
932. Wang, CY , SM Chen, An improved multiattribute decision making method based on new score function of interval-valued intuitionistic fuzzy values and linear programming methodology, *Information Sciences*, Volume 411, Pages 176-184, 2017., @2017
933. Qin, Q., F Liang, L Li, YW Chen, GF Yu, A TODIM-based multi-criteria group decision making with triangular intuitionistic fuzzy numbers, *Applied Soft Computing*, Volume 55, June 2017, Pages 93-107, 2017., @2017
934. Das, P., TK Roy, Multi-objective Geometric Programming Problem Based on Neutrosophic Geometric Programming Technique. *Neutrosophic Operational Research*, Vol. I, Florentin Smarandache, Mohamed Abdel-Basset, Yongquan Zhou (Eds), pp 131-, 2017, @2017
935. Wan, S., F Wang, J Dong, A three-phase method for group decision making with interval-valued intuitionistic fuzzy preference relations, *IEEE Transactions on Fuzzy Systems*, Volume PP, Issue 99 , Page 1-1, 2017. DOI: 10.1109/TFUZZ.2017.2701324, @2017
936. Lin, J., Q Zhang, Note on continuous interval-valued intuitionistic fuzzy aggregation operator, *Applied Mathematical Modelling*, Volume 43, Pages 670-677, 2017., @2017
937. Zhao, H., JX You, HC Liu, Failure mode and effect analysis using MULTIMOORA method with continuous weighted entropy under interval-valued intuitionistic fuzzy environment, *Soft Computing*, Vol. 21, Issue 18, pp 5355–5367, 2017., @2017
938. Thiagarasu, V., R Dharmarajan, An Intuitionistic Fuzzy Topsis DSS Model with Weight Determining Methods, *International Journal Of Engineering And Computer Science*, Volume 6, Issue 2, pp 20354-20361, 2017, @2017
939. Hemavathi, P., P Muralikrishna, K Palanivel, On interval valued intuitionistic fuzzy  $\beta$ -subalgebras, *Afrika Matematika*, pp 1-14, 2017., @2017
940. Zhang, Z., Approaches to group decision making based on interval-valued intuitionistic multiplicative preference relations, *Neural Computing and Applications*, Volume 28, Issue 8, pp 2105–2145, 2017., @2017
941. Tan, C., Y Jia, X Chen, 2-Tuple Linguistic Hesitant Fuzzy Aggregation Operators and Its Application to Multi-Attribute Decision Making, *Informatica*, vol. 28, no. 2, pp. 329-358, 2017, @2017
942. Gou, X., Z Xu, H Liao, Multiple criteria decision making based on Bonferroni means with hesitant fuzzy linguistic information, *Soft Computing*, Volume 21, Issue 21, pp 6515–6529, 2017., @2017
943. Zhu, LC, JL Hou, L Wang, Model for evaluating the operation modes of sports sites facilities with interval-valued intuitionistic fuzzy information, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 1, pp. 271-277, 2017. DOI: 10.3233/JIFS-151562, @2017
944. Yu, S., J Wang, J Wang, An interval type-2 fuzzy likelihood-based MABAC approach and its application in selecting hotels on a tourism website, *International Journal of Fuzzy Systems*, Volume 19, Issue 1, pp 47–61, 2017., @2017
945. Rajesh, K., R Srinivasan, Interval Valued Intuitionistic Fuzzy Sets of Second Type, *Advances in Fuzzy Mathematics*. Vol. 12, No 4, pp 845-853, 2017. ISSN 0973-533X, @2017
946. Liu, P., X You, INTERVAL NEUTROSOPHIC MUIRHEAD MEAN OPERATORS AND THEIR APPLICATION IN MULTIPLE ATTRIBUTE GROUP DECISION-MAKING, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 4, pages 303-334, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019865, @2017
947. Feng, Q., X Guo, Uncertainty measures of interval-valued intuitionistic fuzzy soft sets and their applications in decision making, *Intelligent Data Analysis*, vol. 21, no. 1, pp. 77-95, 2017. DOI: 10.3233/IDA-150331, @2017
948. Şahin, R., P Liu, Correlation coefficient of single-valued neutrosophic hesitant fuzzy sets and its applications in decision making, *Neural Computing and Applications*, Volume 28, Issue 6, pp 1387–1395, 2017., @2017
949. Xu, Z., X Gou, An overview of interval-valued intuitionistic fuzzy information aggregations and applications, *Granular Computing*, Volume 2, Issue 1, pp 13–39, 2017., @2017
950. Luo, M., L Shi, MJ Xie, Research on the construction performance assessment of industry-university-research cooperation in collaborative innovation to promote the practice base construction based on CDIO idea, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 6, pp. 3217-3226, 2017, DOI: 10.3233/JIFS-161528, @2017
951. Xian, S., Y Dong, Y Liu, N Jing, A Novel Approach for Linguistic Group Decision Making Based on Generalized Interval-Valued Intuitionistic Fuzzy Linguistic Induced Hybrid Operator and TOPSIS, *International Journal of Intelligent Systems*, Vol. 33, Issue 2, pp 288-314, First published: 20 November 2017. DOI: 10.1002/int.21931., @2017
952. Şahin, R., Cross-entropy measure on interval neutrosophic sets and its applications in multicriteria decision making, *Neural Computing and Applications*, Volume 28, Issue 5, pp 1177–1187, 2017., @2017
953. Rahman, K., S Abdullah, M Shakeel, MSA Khan, M Ullah, Interval-valued pythagorean fuzzy geometric aggregation operators and their application to group decision making problem, *Cogent Mathematics*, 4(1), 1338638, 2017., @2017
954. Li, YY, H Zhang, JQ Wang, Linguistic neutrosophic sets and their application in multicriteria decision-making problems, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 2, pages 135-154, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019627, @2017

955. Wang, J., Q Chen, H Zhang, X Chen, J Wang, Multi-criteria decision-making method based on type-2 fuzzy sets, *Filomat*, Vol. 31, No. 2 (2017), pp. 431-450, 2017., @2017
956. Ren, Z., C Wei, A multi-attribute decision-making method with prioritization relationship and dual hesitant fuzzy decision information, *International Journal of Machine Learning and Cybernetics*, Volume 8, Issue 3, pp 755–763, 2017., @2017
957. Jiang, Y., Z Xu, Y Shu, Interval-valued intuitionistic multiplicative aggregation in group decision making, *Granular Computing*, Volume 2, Issue 4, pp 387–407, 2017., @2017
958. Dammak, F., L Baccour, A Ben Ayed, A M Alimi, ELECTRE method using interval-valued intuitionistic fuzzy sets and possibility theory for multi-criteria decision making problem resolution, *Fuzzy Systems (FUZZ-IEEE)*, 2017 IEEE International Conference on, INSPEC Accession Number: 17137795, pp 1- 6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015408, @2017
959. Robinson, J., HA EC, MAGDM problems with correlation coefficient of Triangular Fuzzy IFS, *Theoretical and Practical Advancements for Fuzzy System Integration*, Li, Deng-Feng (Eds), pp 154-, 2017, @2017
960. Liu, X., Q Qu, L Zhang, D Ju, Some Power Aggregation Operators for Hesitant Intuitionistic Fuzzy Linguistic Set and Their Applications to Multiple Attribute Decision Making, *Proceedings of the Fourth International Forum on Decision Sciences*, pp 325-347, 2017., @2017
961. Liu, Y., J Wu, C Liang, Some Einstein aggregating operators for trapezoidal intuitionistic fuzzy MAGDM and application in investment evolution, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 1, pp. 63-74, 2017. DOI: 10.3233/JIFS-151080, @2017
962. Rahman, K., MSA Khan, M Ullah, A Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, *The Nucleus*, Vol. 54, No 1, pp 66-74, 2017, @2017
963. Oztaysi, B., SC Onar, K Goztepe, C Kahraman, Evaluation of research proposals for grant funding using interval-valued intuitionistic fuzzy sets, *Soft Computing*, Volume 21, Issue 5, pp 1203–1218, 2017., @2017
964. He, Y., L Xiong, Generalized interval-valued intuitionistic fuzzy soft rough set and its application, *Journal of Computational Analysis and Applications*, Vol. 23, pp 1070-1088, 2017, @2017
965. Huang, HL, Y Guo, An Improved Correlation Coefficient of Intuitionistic Fuzzy Sets, *Journal of Intelligent Systems*, 2017., @2017
966. Kumar, S., D Joshi, Fuzzy Ideal Based Computational Approach for Group Decision Making Problems, *Fuzzy Information and Engineering*, Volume 9, Issue 2, June 2017, Pages 247-258, 2017., @2017
967. Garg, H., N Agarwal, A Tripathi, Choquet integral-based information aggregation operators under the interval-valued intuitionistic fuzzy set and its applications to decision-making process, *International Journal for Uncertainty Quantification*, Vol. 7, Issue 3, pp 249-269, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020076, @2017
968. Barbhuiya, S., ( $\epsilon, \in, \vee$ )-Interval-Valued Fuzzy Prime Ideals of BCK-Algebras, *International Journal of Advances in Mathematics*, Vol. 2017, No 5, pp 31-43, 2017, @2017
969. Kandasamy, I., F Smarandache, Multicriteria Decision Making Using Double Refined Indeterminacy Neutrosophic Cross Entropy and Indeterminacy Based Cross Entropy, *Applied Mechanics and Materials*, Vol. 829, 129-143, 2017. DOI: 10.4028/www.scientific.net/AMM.859.129, @2017
970. Lu, Z., J Ye, Cosine measures of neutrosophic cubic sets for multiple attribute decision-making, *Symmetry* 2017, 9(7), 121; 2017. doi:10.3390/sym9070121, @2017
971. Azarnivand, A., Comment on “Assessing water quality of five typical reservoirs in lower reaches of Yellow River, China: Using a water quality index method” by Wei Hou, Shaohua Sun Mingquan Wang, Xiang Li, Nuo Zhang, Xiaodong Xin, Li Sun, Wei Li, and Ruibao Jia (2016) *Ecological Indicators*, Vol. 75, pp 8-9, 2017, @2017
972. Abdullah, S., S. Ayub, I. Hussain, B. Bedregal, M. Khan, Analyses of S-boxes based on interval valued intuitionistic fuzzy sets and image encryption, *International Journal of Computational Intelligence Systems*, Vol. 10, pp 851–865, 2017, @2017
973. Ye, J., Some weighted aggregation operators of trapezoidal neutrosophic numbers and their multiple attribute decision making method, *Informatica*, vol. 28, no. 2, pp. 387-402, 2017, @2017
974. Büyüközkan, G., F Göçer, An extension of ARAS methodology based on interval valued intuitionistic fuzzy group decision making for digital supply chain, *2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)*, pp 1-6, 2017., @2017
975. Zhang, Z., Multi-criteria decision-making using interval-valued hesitant fuzzy QUALIFLEX methods based on a likelihood-based comparison approach, *Neural Computing and Applications*, Volume 28, Issue 7, pp 1835–1854, 2017., @2017
976. Wang, CY, SM Chen, A new multiple attribute decision making method based on interval-valued intuitionistic fuzzy sets, linear programming methodology, and the TOPSIS method, *Advanced Computational Intelligence (ICACI)*, 2017 Ninth International Conference on, INSPEC Accession Number: 17028613, pp 260 - 263, 2017. DOI: 10.1109/ICACI.2017.7974518, @2017
977. Garg, H., Novel intuitionistic fuzzy decision making method based on an improved operation laws and its application, *Engineering Applications of Artificial Intelligence*, Vol. 60, pp 164-174, 2017, @2017
978. Ye, J., Projection and bidirectional projection measures of single-valued neutrosophic sets and their decision-making method for mechanical design schemes, *Journal of Experimental & Theoretical Artificial Intelligence*, Volume 29, Issue 4, Pages 731-740, 2017, @2017

979. Szmidi, E., J Kacprzyk, A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets, *Fuzzy Sets, Rough Sets, Multisets and Clustering*, pp 221-237, 2017, @2017
980. Zhang, Z., Interval-valued intuitionistic fuzzy Frank aggregation operators and their applications to multiple attribute group decision making, *Neural Computing and Applications*, Volume 28, Issue 6, pp 1471–1501, 2017., @2017
981. OR El-Gendy, Intuitionistic Fuzzy BRK-ideal of BRK-algebra with Interval-valued Membership and Non Membership Functions, *Intern. J. Fuzzy Mathematical Archive*, Vol. 12, No. 1, pp 11-21, 2017., @2017
982. Wan, P., Z Jin, JY Dong, Pythagorean fuzzy mathematical programming method for multi-attribute group decision making with Pythagorean fuzzy truth degrees, *Knowledge and Information Systems*, pp 1-30, 2017, @2017
983. Zhou, W., Z Xu, Expected hesitant VaR for tail decision making under probabilistic hesitant fuzzy environment, *Applied Soft Computing*, Volume 60, Pages 297-311, 2017., @2017
984. Xian, S., Y Yin, W Xue, Y Xiao, Intuitionistic Fuzzy Interval-Valued Linguistic Entropic Combined Weighted Averaging Operator for Linguistic Group Decision Making, *International Journal of Intelligent Systems*, Vol. 33, Issue 2, pp 444-460, First published: 20 November 2017. DOI: 10.1002/int.21942., @2017
985. Yu, GF, DF Li, JM Qiu, Interval-Valued Intuitionistic Fuzzy Multi-Attribute Decision Making Based on Satisfactory Degree, *Theoretical and Practical Advancements for Fuzzy System Integration*, 49, Page 23, 2017. DOI: 10.4018/978-1-5225-1848-8.ch003, @2017
986. Garg, H., R Arora, A nonlinear-programming methodology for multi-attribute decision-making problem with interval-valued intuitionistic fuzzy soft sets information, *Applied Intelligence*, pp 1-16, 2017., @2017
987. Garg, H., A Novel Improved Accuracy Function for Interval Valued Pythagorean Fuzzy Sets and Its Applications in the Decision-Making Process, *International Journal of Intelligent Systems*, Vol. 32, Issue 12, pp 1247-1260, 2017. DOI: 10.1002/int.21898, @2017
988. Peng, J., J Wang, X Wu, C Tian, Hesitant intuitionistic fuzzy aggregation operators based on the Archimedean t-norms and t-conorms, *International Journal of Fuzzy Systems*, Volume 19, Issue 3, pp 702–714, 2017., @2017
989. Puvaneswari, PJ, K Bageerathi, On Neutrosophic Feebly Open Set In Neutrosophic Topological Spaces, Vol. 41, No 3, pp 230-236, 2017, @2017
990. Zhou, W., Z Xu, Extreme intuitionistic fuzzy weighted aggregation operators and their applications in optimism and pessimism decision-making processes, *Journal of Intelligent & Fuzzy Systems*, , vol. 32, no. 1, pp. 1129-1138, 2017. DOI: 10.3233/JIFS-16516, @2017
991. Wang, P., X Xu, J Wang, C Cai, Some new operation rules and a new ranking method for interval-valued intuitionistic linguistic numbers, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 1, pp. 1069-1078, 2017. DOI: 10.3233/JIFS-16644, @2017
992. Yang, Z., J Li, L Huang, Y Shi, Developing dynamic intuitionistic normal fuzzy aggregation operators for multi-attribute decision-making with time sequence preference, *Expert Systems with Applications*, Volume 82, 1 Pages 344-356, 2017., @2017
993. Robinson, PJ, S Jeeva, APPLICATION OF JACOBIAN & SOR ITERATIONPROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS, *Journal Published by IMRF Journal*, pp 130-134, 2017, @2017
994. Zhao, H., Z Xu, S Liu, Dual hesitant fuzzy information aggregation with Einstein t-conorm and t-norm, *Journal of Systems Science and Systems Engineering*, Vol. 26, Issue 2, pp 240–264, 2017., @2017
995. Liu, C., B Peng, A Method for Group Decision Making Based on Interval-Valued Intuitionistic Fuzzy Geometric Distance Measures, *g process, group decision making, Informatica*, vol. 28, no. 3, pp. 453-470, 2017, @2017
996. Garg, H., Some Picture Fuzzy Aggregation Operators and Their Applications to Multicriteria Decision-Making, *Arabian Journal for Science and Engineering*, Volume 42, Issue 12, pp 5275–5290, 2017., @2017
997. Kahraman, C., M Keshavarz Ghorabae et al, Intuitionistic fuzzy EDAS method: an application to solid waste disposal site selection, *Journal of Environmental Engineering and Landscape Management*, Vol. 25, Issue 1, pp 1-12, 2017., @2017
998. Dutta, P., Decision Making in Medical Diagnosis via Distance Measures on Interval Valued Fuzzy Sets, *International Journal of System Dynamics Applications (IJSDA)* 6(4), Pages 21, 2017. DOI: 10.4018/IJSDA.2017100104, @2017
999. Ye, J., Single-valued neutrosophic clustering algorithms based on similarity measures, *Journal of Classification*, Volume 34, Issue 1, pp 148–162, 2017., @2017
1000. Xian, S., Y Dong, Y Yin, Interval-valued intuitionistic fuzzy combined weighted averaging operator for group decision making, *Journal of the Operational Research Society*, Volume 68, Issue 8, pp 895–905, 2017., @2017
1001. Hu, BQ, Hesitant sets and hesitant relations, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 6, pp. 3629-3640, 2017. DOI: 10.3233/JIFS-17314, @2017
1002. Bhaumik, A., S. Roy, D. Li, Analysis of triangular intuitionistic fuzzy matrix games using robust ranking, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 1, pp 327-336, 2017, @2017
1003. Liang, C., S Zhao, J Zhang, Multi-criteria group decision making method based on generalized intuitionistic trapezoidal fuzzy prioritized aggregation operators, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 2, pp 597–610, 2017, @2017
1004. Büyüközkan, G., F Göçer, Smart Medical Device Selection Based on Interval Valued Intuitionistic Fuzzy VIKOR, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, Proceedings of the Conference of the

1005. Qiu, J., L Li, A new approach for multiple attribute group decision making with interval-valued intuitionistic fuzzy information, *Applied Soft Computing*, Volume 61, Pages 111-121, 2017., @2017
1006. Wang, L., H Zhang, J Wang, Frank choquet Bonferroni mean operators of bipolar neutrosophic sets and their application to multi-criteria decision-making problems, *International Journal of Fuzzy Systems*, pp 1-16, 2017., @2017
1007. Chu, J., KS Chin, X Liu, Y Wang, A prospect theory based approach to multiple attribute decision making considering the decision maker's attitudinal character, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 2563-2578, 2017. DOI: 10.3233/JIFS-16543, @2017
1008. Zhang, X., D Chen, ECC Tsang, Generalized dominance rough set models for the dominance intuitionistic fuzzy information systems, *Information Sciences*, Volume 378, pp 1-25, 2017., @2017
1009. Liu, P., Some Frank Aggregation Operators for Interval-valued Intuitionistic Fuzzy Numbers and their Application to Group Decision Making, *Journal of Multiple-Valued Logic & Soft Computing*, Vol. 29 Issue 1/2, pp 183-223, 41 Pages, 2017, @2017
1010. Şahin, R., P Liu, Some approaches to multi criteria decision making based on exponential operations of simplified neutrosophic numbers, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 2083-2099, 2017. DOI: 10.3233/JIFS-161695, @2017
1011. Ren, HP, HH Chen, W Fei, DF Li, A MAGDM method considering the amount and reliability information of interval-valued intuitionistic fuzzy sets, *International Journal of Fuzzy Systems*, Vol. 19, Issue 3, pp 715–725, 2017., @2017
1012. Park, C., ([r, s], [t, u])-Interval-valued intuitionistic fuzzy alpha generalized continuous mappings, *The Korean Journal of Mathematics*, Vol. 25, No 2, pp 261-278, 2017. DOI: <http://dx.doi.org/10.11568/kjm.2017.25.2.261>, @2017
1013. Guan, J., D Zhou, F Meng, Distance Measure and Correlation Coefficient for Linguistic Hesitant Fuzzy Sets and Their Application, *Informatica*, vol. 28, no. 2, pp. 237-268, 2017, @2017
1014. Xu, DS, C Wei, GW Wei, TODIM Method for Single-Valued Neutrosophic Multiple Attribute Decision Making, *Information, Information*, 8(4), 125, 2017. doi:10.3390/info8040125, @2017
1015. Mohammadi, SE, A Makui, Multi-attribute group decision making approach based on interval-valued intuitionistic fuzzy sets and evidential reasoning methodology, *Soft Computing*, Volume 21, Issue 17, pp 5061–5080, 2017., @2017
1016. Gong, Z., X Zhang, The further investigation of variable precision intuitionistic fuzzy rough set model, *International Journal of Machine Learning and Cybernetics*, Volume 8, Issue 5, pp 1565–1584, 2017., @2017
1017. Liu, Y., H Zhao, Z Xu, The chain and substitution rules of interval-valued intuitionistic fuzzy calculus, *Fuzzy Optimization and Decision Making*, pp 1-21, 2017., @2017
1018. Nayagam, V., S. Jeevaraj, G. Sivaraman, Ranking of incomplete trapezoidal information, *Soft Computing*, Vol. 21, Issue 23, pp 7125–7140, 2017. <https://doi.org/10.1007/s00500-016-2256-1>, @2017
1019. Pothiraj, B., S Rajaram, INTERVAL-VALUED INTUITIONISTIC FUZZY ASSIGNMENT PROBLEM WITH REPLACEMENT BASED ON FUZZY AGGREGATION, pp 296-317, 2017. ISBN 979-93-86171-18-4, @2017
1020. Garg, H., K Kumar, Some Aggregation Operators for Linguistic Intuitionistic Fuzzy Set and its Application to Group Decision-Making Process Using the Set Pair Analysis, *Arabian Journal for Science and Engineering*, pp 1-15, 2017, @2017
1021. Broumi, S., M Talea, A Bakali, A Hassan, Generalized Interval Valued Neutrosophic Graphs of First Type, pp 413-419, 2017 IEEE International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Gdynia Maritime University, Gdynia, Poland, 3-5 July 2017. 978-1-5090-5795-5/17 ©2017 IEEE, @2017
1022. Zhang, F., S Xu, Remarks to “Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets”, *Soft Computing*, Volume 21, Issue 9, pp 2263–2268, 2017, @2017
1023. Du, YW, WM Xu, Multiattribute group decision making based on interval-valued intuitionistic fuzzy sets and analytically evidential reasoning methodology, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 5, pp. 2953-2960, 2017. DOI: 10.3233/JIFS-169346, @2017
1024. Montes, I., S Montes, N Pal, On the Use of Divergences for Defining Entropies for Atanassov Intuitionistic Fuzzy Sets, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017, pp 554-565, 2017., @2017
1025. Lu, Z., J Ye, Single-valued neutrosophic hybrid arithmetic and geometric aggregation operators and their decision-making method, *Information*, 8(3), 84; 2017. doi:10.3390/info8030084, @2017
1026. Das, S., D Guha, Similarity measure of intuitionistic fuzzy numbers and its application to clustering, *International Journal of Mathematics in Operational Research*, 10(4), pp. 399–430, 2017., @2017
1027. Rodríguez, A., F Ortega, R Concepción, An intuitionistic method for the selection of a risk management approach to information technology projects, *Information Sciences*, Volume 375, Pages 202-218, 2017, @2017
1028. Li, Y., X Lian, C Lu, Z Wang, A Large Group Decision Making Approach Based on TOPSIS Framework with Unknown Weights Information, *MATEC Web Conf.*, 13th Global Congress on Manufacturing and Management (GCMM

- 2016), Part 2: Internet +, Big data and Flexible manufacturing, Volume 100, Article Number 02013, 11 pages, 2017., @2017
1029. Liu, Y., C Liang, F Chiclana, J Wu, A trust induced recommendation mechanism for reaching consensus in group decision making, Knowledge-Based Systems, Volume 119, Pages 221-231, 2017., @2017
1030. Tooranloo, HS, A Iranpour, Supplier selection and evaluation using interval-valued intuitionistic fuzzy AHP method, International Journal of Procurement Management, Vol. 10, Issue 5, 2017., @2017
1031. Liu, D., X Chen, D Peng, Interval-Valued Intuitionistic Fuzzy Ordered Weighted Cosine Similarity Measure and Its Application in Investment Decision-Making, Complexity, Volume 2017, Article ID 1891923, 11 pages, 2017., @2017
1032. Zhang, Z., Y Hu, C Ma, J Xu, S Yuan, Z Chen, Incentive-punitive risk function with interval valued intuitionistic fuzzy information for outsourced software project risk assessment, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 5, pp. 3749-3760, 2017. DOI: 10.3233/JIFS-169307, @2017
1033. Liu, P., H Li, Interval-valued intuitionistic fuzzy power Bonferroni aggregation operators and their application to group decision making, Cognitive Computation, Vol. 9, No 4, pp 494–512, 2017, @2017
1034. Garg, H., A new improved score function of an interval-valued Pythagorean fuzzy set based TOPSIS method, International Journal for Uncertainty Quantification, International Journal for Uncertainty Quantification, Vol. 7, Issue 5, pp 463-474, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020197, @2017
1035. Qu, G., W Qu, Z Zhang, J Wang, Choquet integral correlation coefficient of intuitionistic fuzzy sets and its applications, Journal of Intelligent & Fuzzy Systems, Vol. 33, No. 1, pp. 543-553, 2017. DOI: 10.3233/JIFS-162131, @2017
1036. Tooranloo, HS, AS Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effect Analysis in Interval-Valued Intuitionistic Fuzzy Environment, International Journal of Fuzzy Systems, Vol. 19, Issue 1, pp 109–123, 2017., @2017
1037. Liu, P., L Zhang, Multiple criteria decision making method based on neutrosophic hesitant fuzzy Heronian mean aggregation operators, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 303-319, 2017. DOI: 10.3233/JIFS-151760, @2017
1038. Li, H., M Zhao, Y Li, G Hao, Rank to intuitionistic fuzzy sets based on graphical geometric solution, Control And Decision Conference (CCDC), 2017 29th Chinese, INSPEC Accession Number: 17041910, 2017. DOI: 10.1109/CCDC.2017.7979477, @2017
1039. Guo, K., W Li, A unified framework for the key weights in MAGDM under uncertainty, Soft Computing, Volume 21, Issue 9, pp 2251–2262, 2017., @2017
1040. Yang, Y., C Liang, S Ji, Comments on “Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets” by Ridvan Sahin, Soft Computing, Volume 21, Issue 11, pp 3033–3035, 2017., @2017
1041. Meng, F., X Chen, Correlation Coefficient of Interval-Valued Intuitionistic Uncertain Linguistic Sets and Its Application, Cybernetics and Systems, Volume 48, Issue 2, Pages 114-135, 2017, @2017
1042. Liu, L., Y Chen, Interval-valued intuitionistic hesitant fuzzy Quasi-Choquet geometric operators based TOPSIS method for multi-criteria group decision making, 2017 29th Chinese Control And Decision Conference (CCDC), 2017. DOI: 10.1109/CCDC.2017.7978912, @2017
1043. García, Gonzalo Ruiz, Extending the concepts of type-2 fuzzy logic and systems. PhD thesis, Universidad de Granada, 2017., @2017
1044. Tang, J., Q An, F Meng, X Chen, A natural method for ranking objects from hesitant fuzzy preference relations, International Journal of Information Technology & Decision Making, Volume 16, Issue 06, pp. 1611-1646, 2017., @2017
1045. Tang, X., N Feng, M Xue, S Yang, J Wu, The expert reliability and evidential reasoning rule based intuitionistic fuzzy multiple attribute group decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 2, pp. 1067-1082, 2017. DOI: 10.3233/JIFS-162436, @2017
1046. Chen, SM, ZC Huang, Multiattribute decision making based on interval-valued intuitionistic fuzzy values and linear programming methodology, Information Sciences, Volume 381, Pages 341-351, 2017., @2017
1047. Park, JH, HE Kwark, YC Kwun, Entropy and Cross-entropy for Generalized Hesitant Fuzzy Information and Their Use in Multiple Attribute Decision Making, International Journal of Intelligent Systems, Vol. 32, Issue 2, pp 266-290, 2017. DOI: 10.1002/int.21841, @2017
1048. Mostafa, SM, FF Kareem, RAA Ghanem, CUBIC HYPER KU-IDEALS, Journal of New Theory, Number 16, pp 80-91, 2017, @2017
1049. Chu, J., X Liu, L Wang, Y Wang, A Group Decision Making Approach Based on Newly Defined Additively Consistent Interval-Valued Intuitionistic Preference Relations, International Journal of Fuzzy Systems, pp 1-20, 2017., @2017
1050. Zhou, H., X Ma, L Zhou, H Chen, W Ding, A Novel Approach to Group Decision-Making with Interval-Valued Intuitionistic Fuzzy Preference Relations via Shapley Value, International Journal of Fuzzy Systems, pp 1–16, 2017., @2017

1051. Broumi, S., M Talea, A Bakali, F Smarandache, P. K Kishore Kumar, Shortest path problem on single valued neutrosophic graphs, Networks, Computers and Communications (ISNCC), 2017 International Symposium on, INSPEC Accession Number: 17261895, 2017. DOI: 10.1109/ISNCC.2017.8071993, @2017
1052. Liu, Y., H Zhao, Z Xu, An orthogonal clustering method under hesitant fuzzy environment, International Journal of Computational Intelligence Systems, Vol. 10, pp 663–676, 2017., @2017
1053. Khan, Q., T Mahmood, J Ye, MULTIPLE ATTRIBUTE DECISION-MAKING METHOD UNDER HESITANT SINGLE VALUED NEUTROSOPHIC UNCERTAIN LINGUISTIC ENVIRONMENT, 2017., @2017
1054. Zhang, W., Y Ju, X Liu, Multiple criteria decision analysis based on Shapley fuzzy measures and interval-valued hesitant fuzzy linguistic numbers, Computers & Industrial Engineering, Volume 105, Pages 28-38, 2017., @2017
1055. Büyükoçkan, G., F Göçer, Orhan Feyzioğlu, Cloud computing technology selection based on interval valued intuitionistic fuzzy group decision making using MULTIMOORA approach, 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), INSPEC Accession Number: 17137701, pp 1-6, 2017. DOI: 10.1109/FUZZ-IEEE.2017.8015682, @2017
1056. Liu, J., N Zhou, LH Zhuang, N Li, FF Jin, Interval-Valued Hesitant Fuzzy Multiattribute Group Decision Making Based on Improved Hamacher Aggregation Operators and Continuous Entropy, Mathematical Problems in Engineering, Volume 2017, Article ID 2931482, 20 pages, 2017, @2017
1057. Zhai, Y., Z Xu, H Liao, Measures of probabilistic interval-valued intuitionistic hesitant fuzzy sets and the application in reducing excessive medical examinations, IEEE Transactions on Fuzzy Systems, Volume PP, Issue 99, Page 1- 1, 2017. DOI: 10.1109/TFUZZ.2017.2740201, @2017
1058. Shapique, M., Solutions to Fuzzy Differential Equations using Pentagonal Intuitionistic Fuzzy Numbers, MAYFEB Journal of Mathematics, Vol 2, Pages 8-20, 2017. ISSN 2371-6193, @2017
1059. Velu, LGN, J Selvaraj, D Ponnialagan, A New Ranking Principle For Ordering Trapezoidal Intuitionistic Fuzzy Numbers, Complexity, Volume 2017 (2017), Article ID 3049041, 24 pages, 2017., @2017
1060. Jiang, X., Model for Risk Assessment of Project Cost with Interval-valued Intuitionistic Fuzzy Information, International Journal of Science, Vol. 4, No. 7, pp 56-63, 2017. ISSN: 1813-4890, @2017
1061. Fahmi, A., S. Abdullah, F. Amin, N. Siddiqui, A. Asad, Aggregation operators on triangular cubic fuzzy numbers and its application to multi-criteria decision making problems, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3323-3337, 2017. DOI: 10.3233/JIFS-162007, @2017
1062. Nguyen, H., INTERVAL-VALUED INTUITIONISTIC FUZZY FAILURE MODES AND EFFECT ANALYSIS OF THE SYSTEM FAILURE RISK ESTIMATION, Journal of KONES Powertrain and Transport, Vol. 24, No. 2, pp 159-166, 2017. DOI: 10.5604/01.3001.0010.2926, @2017
1063. Stanujkic, D., I Meidutė-Kavaliauskienė, An approach to the production plant location selection based on the use of the Atanassov interval-valued intuitionistic fuzzy sets, Transport, pp 1-8, 2017, @2017
1064. Wan, S., F Wang, J Dong, Additive consistent interval-valued Atanassov intuitionistic fuzzy preference relation and likelihood comparison algorithm based group decision making, European Journal of Operational Research, Volume 263, Issue 2, 1 December 2017, Pages 571-582, 2017., @2017
1065. D'Urso, P., Informational Paradigm, management of uncertainty and theoretical formalisms in the clustering framework: A review, Information Sciences, Volumes 400–401, Pages 30-62, 2017., @2017
1066. Nayagam, VLG, S Jeevaraj, P Dhanasekaran, An intuitionistic fuzzy multi-criteria decision-making method based on non-hesitance score for interval-valued intuitionistic fuzzy sets, Soft Computing, Volume 21, Issue 23, pp 7077–7082, 2017., @2017
1067. Park, C., ([r, s], [t, u])-interval-valued intuitionistic fuzzy generalized precontinuous mappings, The Korean Journal of Mathematics, Vol. 25, No 1, pp 1-18, 2017., @2017
1068. Hassan, A., MA Malik, S. Broumi, A. Bakali, M. Talea, Special types of bipolar single valued neutrosophic graphs, Analysis of Fuzzy Mathematics and Informatics, 14(1), pp 55-73, 2017, @2017
1069. Chen, J., J Ye, Some Single-Valued Neutrosophic Dombi Weighted Aggregation Operators for Multiple Attribute Decision-Making, Symmetry, 9(6), 82; 2017. doi:10.3390/sym9060082, @2017
1070. Sahu, M., A Gupta, A Mehra, Hierarchical clustering of interval-valued intuitionistic fuzzy relations and its application to elicit criteria weights in MCDM problems, OPSEARCH, Volume 54, Issue 2, pp 388–416, 2017., @2017
1071. Mishra, SN, H Rashmanlou, Anita Pal, Coherent Category of Interval-valued Intuitionistic Fuzzy Graphs, Journal of Multiple-Valued Logic & Soft Computing, Vol. 29, Issue 3/4, pp 355-372, 2017, @2017
1072. Wang, N., H Zhang, PROBABILITY MULTIVALUED LINGUISTIC NEUTROSOPHIC SETS FOR MULTI-CRITERIA GROUP DECISION-MAKING, International Journal for Uncertainty Quantification, pages 207-228, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019632, @2017
1073. Chen, SM, ZC Huang, Multiattribute decision making based on interval-valued intuitionistic fuzzy values and particle swarm optimization techniques, Information Sciences, Volumes 397–398, Pages 206-218, 2017, @2017
1074. Ye, J., Subtraction and Division Operations of Simplified Neutrosophic Sets, Information, 8(2), 51; 2017. doi:10.3390/info8020051, @2017
1075. Robinson, JP, Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Trapezoidal Fuzzy MAGDM Problems (Chapter 60), Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, pp 1448-1479, 2017. DOI: 10.4018/978-1-5225-1908-9.ch060, @2017
1076. Zhang, Z., D Xu, E Ostrosi, L Yu, B Fan, A systematic decision-making method for evaluating design alternatives of product service system based on variable precision rough set, Journal of Intelligent Manufacturing, pp 1-15,

2017., @2017

1077. Zhang, L., S Gao, A novel weights generating approach for multiple attribute decision making under interval-valued intuitionistic fuzzy environment, 2017 29th Chinese Control And Decision Conference (CCDC), INSPEC Accession Number: 17041768, 2017. DOI: 10.1109/CCDC.2017.7979273, @2017

13. **Atanassov, K. T.** More on intuitionistic fuzzy sets. Fuzzy sets and systems, 33, 1, Elsevier, 1989, 37-45. ISI IF:1.986

Lumupa ce 8:

1078. Liu, P., L Zhang, Multiple criteria decision making method based on neutrosophic hesitant fuzzy Heronian mean aggregation operators, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 303-319, 2017. DOI: 10.3233/JIFS-151760, @2017

1079. Wu, SJ, GW Wei, Picture uncertain linguistic aggregation operators and their application to multiple attribute decision making, Journal: International Journal of Knowledge-based and Intelligent Engineering Systems, vol. 21, no. 4, pp. 243-256, 2017. DOI: 10.3233/KES-170368, @2017

1080. Wang, YK, Model for Evaluating the Logistics Service Quality of Cross-Border E-Commerce Enterprises with Intuitionistic Fuzzy Information, Journal of Computational and Theoretical Nanoscience, Volume 14, Number 2, pp. 1136-1139(4), 2017, @2017

1081. Jin, F., Z Ni, L Pei, H Chen, Y Li, X Zhu, L Ni, A decision support model for group decision making with intuitionistic fuzzy linguistic preferences relations, Neural Computing and Applications, 1-22, 2017., @2017

1082. Liu, P., X Zhang, Some Maclaurin Symmetric Mean Operators for Single-Valued Trapezoidal Neutrosophic Numbers and Their Applications to Group Decision Making, International Journal of Fuzzy Systems, pp 1-17, 2017., @2017

1083. Liu, P., P Wang, Some improved linguistic intuitionistic fuzzy aggregation operators and their applications to multiple-attribute decision making, International Journal of Information Technology & Decision Making, Vol. 16, No. 03 : pp. 817-850, 2017., @2017

1084. Geng, Y., P Liu, F Teng, Z Liu, Pythagorean fuzzy uncertain linguistic TODIM method and their application to multiple criteria group decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3383-3395, 2017. DOI: 10.3233/JIFS-162175, @2017

1085. Li, Z., P Liu, X Qin, An extended VIKOR method for decision making problem with linguistic intuitionistic fuzzy numbers based on some new operational laws and entropy, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 3, pp. 1919-1931, 2017. DOI: 10.3233/JIFS-17488, @2017

1086. Zhang, Z., Multi-criteria decision-making using interval-valued hesitant fuzzy QUALIFLEX methods based on a likelihood-based comparison approach, Neural Computing and Applications, Volume 28, Issue 7, pp 1835–1854, 2017., @2017

1087. Xu, XR, GW Wei, Dual hesitant bipolar fuzzy aggregation operators in multiple attribute decision making, International Journal of Knowledge-based and Intelligent Engineering Systems, vol. 21, no. 3, pp. 155-164, 2017. DOI: 10.3233/KES-170360, @2017

1088. Liu, P., SM Chen, Group decision making based on Heronian aggregation operators of intuitionistic fuzzy numbers, IEEE Transactions on Cybernetics ( Volume: 47, Issue: 9, Sept. 2017 ), INSPEC Accession Number: 17081446, 2017. DOI: 10.1109/TCYB.2016.2634599, @2017

1089. Zhan, J., M Khan, M Gulistan, A Ali, Applications of neutrosophic cubic sets in multi-criteria decision-making, International Journal for Uncertainty Quantification, pages 377-394, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017020446, @2017

1090. Zhang, Z., Z Hao, S Zeadally, J Zhang, B Han, HC Chao, Multiple attributes decision fusion for wireless sensor networks based on intuitionistic fuzzy set, IEEE Access, Volume 5 , INSPEC Accession Number: 17124530, pp 12798 - 12809, 2017. DOI: 10.1109/ACCESS.2017.2722483, @2017

1091. Liu, P., J Liu, SM Chen, Some intuitionistic fuzzy Dombi Bonferroni mean operators and their application to multi-attribute group decision making, Journal of the Operational Research Society, pp 1-16, 2017., @2017

1092. Karaşan, A., C Kahraman, A novel intuitionistic fuzzy DEMATEL–ANP–TOPSIS integrated methodology for freight village location selection, Journal of Intelligent & Fuzzy Systems, pp. 1-18, 2017. DOI: 10.3233/JIFS-17169, @2017

1093. Thiagarasu, V., R Dharmarajan, An Intuitionistic Fuzzy Topsis DSS Model with Weight Determining Methods, International Journal Of Engineering And Computer Science, Volume 6, Issue 2, pp 20354-20361, 2017, @2017

1094. Liu, P., X You, INTERVAL NEUTROSOPHIC MUIRHEAD MEAN OPERATORS AND THEIR APPLICATION IN MULTIPLE ATTRIBUTE GROUP DECISION-MAKING, International Journal for Uncertainty Quantification , Vol. 7, Issue 4, pages 303-334. 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019865, @2017

1095. Luo, M., L Shi, MJ Xie, Research on the construction performance assessment of industry-university-research cooperation in collaborative innovation to promote the practice base construction based on CDIO idea, Journal of

1096. Chalapathi, T., RK Kumar, Neutrosophic Graphs of Finite Groups, Neutrosophic Sets & Systems, Vol. 15, pp 22-30, 2017, @2017
1097. Liu, P., J Liu, Some q-Rung Orthopai Fuzzy Bonferroni Mean Operators and Their Application to Multi-Attribute Group Decision Making, International Journal of Intelligent Systems, Vol. 33, Issue 2, pp 315-347, First published: 19 September 2017. DOI: 10.1002/int.21933., @2017
1098. Robinson, PJ, S Jeeva, APPLICATION OF JACOBIAN & SOR ITERATIONPROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS, Journal Published by IMRF Journal- AA, pp 130-134, 2017, @2017
1099. Liu, C., B. Peng, A Method for Group Decision Making Based on Interval-Valued Intuitionistic Fuzzy Geometric Distance Measures, g process, group decision making, Informatica, vol. 28, no. 3, pp. 453-470, 2017, @2017
1100. Kumar, T., RK Bajaj, R Kaushik, Expected value based ranking of intuitionistic fuzzy variables, AIP Conference Proceedings, Vol. 1860, 020030, 2017., @2017
1101. Liu, P., Some Frank Aggregation Operators for Interval-valued Intuitionistic Fuzzy Numbers and their Application to Group Decision Making, Journal of Multiple-Valued Logic & Soft Computing, Vol. 29 Issue 1/2, p183-223. 41 Pages, 2017, @2017
1102. Zhan-Ao, X., S Xiao-Meng, X Tian-Yu, Xian-Wei, Xin, Yi-lin, Yuan, Multi-granulation covering rough intuitionistic fuzzy sets, Journal: Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 899-911, 2017. DOI: 10.3233/JIFS-161312, @2017
1103. Goyal, A., PA Sourav, P Kalyanaraman, Application of Genetic Algorithm Based Intuitionistic Fuzzy k-Mode for Clustering Categorical Data, Cybernetics and Information Technologies, Vol. 17, Issue 4, 2017. <https://doi.org/10.1515/cait-2017-0044>, @2017
1104. Peng, SM, Study on enterprise risk management assessment based on picture fuzzy multiple attribute decision-making method, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3451-3458, 2017. DOI: 10.3233/JIFS-16298, @2017
1105. Wei, G., G Wei, Picture uncertain linguistic Bonferroni mean operators and their application to multiple attribute decision making, Kybernetes, Vol. 46, Issue 10, pp.1777-1800, 2017., @2017
1106. El-Sheikh, SA, S Hussien, A note on Hausdorff spaces and some double separation axioms, South Asian Journal of Mathematics, Vol. 7(2), pp 118-129, 2017., @2017
1107. Sarkar, M., TK Roy, Multi-objective Cylindrical Skin Plate Design Optimization based on Neutrosophic Optimization Technique, Florentin Smarandache, In: Neutrosophic Operational Research, Vol. I, Mohamed Abdel-Basset, Yongquan Zhou (Eds), pp 91-104, 2017., @2017
1108. Robinson, JP, Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Trapezoidal Fuzzy MAGDM Problems (Chapter 60), Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, pp 1448-1479, 2017. DOI: 10.4018/978-1-5225-1908-9.ch060, @2017
1109. Li, DX, H Dong, X Jin, Model for evaluating the enterprise marketing capability with picture fuzzy information, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3255-3263, 2017. DOI: 10.3233/JIFS-161741, @2017
1110. Sun, GN, L Zhao, Models for evaluating the developing performance of tourism economy with intuitionistic fuzzy information, International Journal of Knowledge-based and Intelligent Engineering Systems, Vol. 21, No 4, pp 257-263, 2017. DOI: 10.3233/KES-170369, @2017
1111. He, X., Y Wu, Global Research Trends of Intuitionistic Fuzzy Set: A Bibliometric Analysis, Journal of Intelligent Systems, 2017. DOI: <https://doi.org/10.1515/jisys-2017-0240>, @2017
1112. Xiong, X., D Deng, Investment Risk Evaluation Model of Energy Project with Intuitionistic Fuzzy Information, International Journal of Science, Vol.4, No.4, pp 156-164, 2017, @2017
1113. Wei, G., M Lu, Pythagorean Hesitant Fuzzy Hamacher Aggregation Operators in Multiple-Attribute Decision Making, Journal of Intelligent Systems, 2017, DOI:, @2017
1114. Kumar, P., SB Singh, Fuzzy system reliability using generalized trapezoidal intuitionistic fuzzy number with some arithmetic operations, Nonlinear Studies, Vol. 24 Issue 1, p139-157, 2017, @2017
1115. Biswas, R., Continuous Fuzzy Evaluation Methods: A Novel Tool for the Analysis and Decision Making in Football (or Soccer) Matches: A New Innovative Proposal to FIFA & UEFA, Ranjit Biswas (Ed), 2017. ISBN 978-3-319-70751-8, @2017
1116. Devi, S., ON INTUITIONISTIC FUZZY n-NORM, International Journal of Mathematical Archive-8(10), 2017, 153-164, 2017, @2017
1117. Wang, SF, Interval-valued intuitionistic fuzzy Choquet integral operators based on Archimedean t-norm and their calculations, Journal of Computational Analysis & Applications, Vol. 23, Issue 1, pp 703-712, 2017, @2017
1118. Iancu, I., Intuitionistic fuzzy similarity measures based on min-max operators, Pattern Analysis and Applications, pp 1-10, 2017., @2017
1119. Uthra, G., K Thangavelu, RM Umamageswari, An Optimal Solution for Generalized Trapezoidal Intuitionistic Fuzzy Transportation Problem, Advances in Fuzzy Mathematics, Volume 12, Number 3, pp. 763-770, 2017. ISSN 0973-533X, @2017
1120. Zedam, L., S Milles, E Rak, The Fixed Point Property for Intuitionistic Fuzzy Lattices, Fuzzy Information and Engineering, Volume 9, Issue 3, Pages 359-380, 2017., @2017

1121. Ri, CR, Interval-valued Intuitionistic Fuzzy Multiple Attribute Decision Making Based on Gray Relational Projection Method for Project Selection, *International Journal of Science and Research (IJSR)*, Volume 6, Issue 9, pp 129-138, 2017. ISSN (Online): 2319-7064, @2017
1122. Liu, P., D Li, Some Muirhead Mean Operators for Intuitionistic Fuzzy Numbers and Their Applications to Group Decision Making, *PLoS ONE*, 12(1): e0168767. 2017., @2017
1123. Ranjan, P., H Om, Computational Intelligence Based Security in Wireless Sensor Networks: Technologies and Design Challenges, *Computational Intelligence in Wireless Sensor Networks*, Part of the Studies in Computational Intelligence book series (SCI, volume 676), pp 131-151, 2017., @2017
1124. Sasikala, G., M Navaneethakrishnan, On Intuitionistic Preopen Sets, *International Journal of Pure and Applied Mathematics*, Special Issue, Volume 116, No 24, pp 281-292, 2017. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). url: <http://www.ijpam.eu>, @2017
1125. Deb, M., P Kaur, Intuitionistic Fuzzy-Based Multi-Attribute Decision-Making Approach for Selection of S Zhang, NB Wang, H Liu, Inventory Policy, *Advances in Computational Intelligence*, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 509), pp 45-54, 2017., @2017
1126. Zhang, S., Nian-Bin Wang, H. Liu, Approaches to Multiple Attribute Decision Making with the Intuitionistic Fuzzy Information and Their Applications to User Activities Reliability Evaluation, *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, pp 1–6, 2017., @2017
1127. Liu, P., Multiple attribute group decision making method based on interval-valued intuitionistic fuzzy power Heronian aggregation operators, *Computers & Industrial Engineering*, Volume 108, June 2017, Pages 199-212, 2017., @2017
1128. Liu, P., L Zhang, An extended multiple criteria decision making method based on neutrosophic hesitant fuzzy information, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 6, pp. 4403-4413, 2017. DOI: 10.3233/JIFS-16136, @2017
1129. Luo, WQ, Models for selecting the marketing promotional modes of new energy vehicles financial leasing with fuzzy number intuitionistic fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, vol. 21, no. 4, pp. 203-210, 2017. DOI: 10.3233/KES-170364, @2017
1130. Rahman, K., A Ali, M Shakeel, M. S. A. Khan, Murad Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, *The Nucleus*, Vol 54, No 3, pp 190-196, 2017, @2017
1131. Wei, G., FE Alsaadi, T Hayat, A Alsaedi, Bipolar Fuzzy Hamacher Aggregation Operators in Multiple Attribute Decision Making, *International Journal of Fuzzy Systems*, pp 1–12, 2017., @2017
1132. Ren, Z., Z Xu, H Wang, Dual hesitant fuzzy VIKOR method for multi-criteria group decision making based on fuzzy measure and new comparison method, *Information Sciences*, Volumes 388–389, Pages 1-16. 2017., @2017
1133. Sun, XP, Research on the nitrogen use efficiency evaluation of different rice genotypes with intuitionistic fuzzy information, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 1745-1751, 2017. DOI: 10.3233/JIFS-152242, @2017
1134. Liu, P., P Wang, Some q-Rung Orthopair Fuzzy Aggregation Operators and their Applications to Multiple-Attribute Decision Making, *International Journal of Intelligent Systems*, Vol. 33, Issue 2, pp 259-280, First published: 16 August 2017, DOI: 10.1002/int.21927., @2017
1135. Szmjdt, E., J Kacprzyk, A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets, *Fuzzy Sets, Rough Sets, Multisets and Clustering*, pp 221-237, 2017., @2017
1136. Jiang, F., Q Ma, Multi-attribute group decision making under probabilistic hesitant fuzzy environment with application to evaluate the transformation efficiency, *Applied Intelligence*, pp 1-13, 2017., @2017
1137. Zeng, Z., Model for evaluating the Technological Innovation Capability in High-tech Enterprises with Fuzzy Number Intuitionistic Fuzzy Information, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 4, pp. 2085-2094, 2017. DOI: 10.3233/JIFS-161812, @2017
1138. Markechová, D., B Riečan, Kullback–Leibler Divergence and Mutual Information of Partitions in Product MV Algebras, *Entropy*, 19(6), 267, 2017. doi:10.3390/e19060267, @2017
1139. Han, J., Z Yang, X Sun, G Xu, Chordal distance and non-Archimedean chordal distance between Atanassov's intuitionistic fuzzy set, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 6, pp. 3889-3894, 2017. DOI: 10.3233/JIFS-17724, @2017
1140. El-Tantawy, OAE, SAA El-sheikh, SH Ali Shaliel, Some topological properties of soft double topological spaces, *Journal of New Theory*, Number 16, Pages: 27-48, 2017, @2017
1141. Sarkar, M., P Das, TK Roy, Multi-Objective Neutrosophic Optimization Technique and Its Application to Riser Design Problem, *Peer Reviewers*, 2017, @2017
1142. Xu, C., Improvement of the distance between intuitionistic fuzzy sets and its applications, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 3, pp. 1563-1575, 2017. DOI: 10.3233/JIFS-17276, @2017
1143. Selvakumari, K., A Priyadarshini, Vikor Method for Decision Making Problem Using Octagonal Neutrosophic Soft Matrix, Vol. 02, Issue 07, pp 41-45, 2017, @2017
1144. Shen, KY, Compromise between Short-and Long-Term Financial Sustainability: A Hybrid Model for Supporting R&D Decisions, *Sustainability*, 9(3), 375. 2017, doi:10.3390/su9030375, @2017
1145. Davvaz, B., EH Sadrabadi, JJ Nieto, A Torres, Twin Hypercube for Intuitionistic Fuzzy Sets and Their Application in Medicine, *Int. J. Anal. Appl.*, 15(1), pp 31-45, 2017, @2017

1146. Gitinavard, H., H Ghaderi, MS Pishvae, Green supplier evaluation in manufacturing systems: a novel interval-valued hesitant fuzzy group outranking approach, *Soft Computing*, pp 1-20, 2017., @2017
1147. Nguyen, GN, AS Ashour, N Dey , A survey of the state-of-the-arts on neutrosophic sets in biomedical diagnoses, *International Journal of Machine Learning and Cybernetics*, pp 1–13, 2017., @2017
1148. Wendai, Lv. , M. Guo, Research on the financial risk evaluation of listed companies with intuitionistic fuzzy information, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 6, pp. 4379-4387, 2017. DOI: 10.3233/JIFS-16389, @2017
1149. Tooranloo, HS, AS Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effect Analysis in Interval-Valued Intuitionistic Fuzzy Environment, *International Journal of Fuzzy Systems*, Vol. 19, Issue 1, pp 109–123, 2017., @2017
1150. Lu, M., G Wei, FE Alsaadi, T Hayat, Hesitant pythagorean fuzzy hamacher aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 2, pp. 1105-1117, 2017, 2017. DOI: 10.3233/JIFS-16554, @2017
1151. Kandil, AS, O. El-Tantawy, SAA El-Sheikh, SHA Shalief, DOUBLE CONNECTED SPACES, *Journal of New Theory*, Number 17, pp 1-17, 2017. ISSN: 2149-1402, @2017
1152. Wei, G., Picture fuzzy aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 2, pp. 713-724, 2017. DOI: 10.3233/JIFS-161798, @2017
1153. Wei, G., Picture 2-tuple linguistic Bonferroni mean operators and their application to multiple attribute decision making, *International Journal of Fuzzy Systems*, Vol. 19, Issue 4, pp 997–1010, 2017, @2017
1154. BĂRBĂCIORU, I., CARDINALITY AND ENTROPY FOR INTUITIONISTIC FUZZY SETS, *Fiability & Durability / Fiabilitate si Durabilitate*, Issue 1, pp 308-315, 2017, @2017
1155. Wei, G., FE Alsaadi, T Hayat, Hesitant bipolar fuzzy aggregation operators in multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 2, pp. 1119-1128, 2017. DOI: 10.3233/JIFS-16612, @2017
1156. Wei, G., Interval-valued dual hesitant fuzzy uncertain linguistic aggregation operators in multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 3, pp 1881-1893, 2017. DOI: 10.3233/JIFS-161811, @2017
1157. Shen, W., Model for Neutrosophic Multiple Attribute Decision Making and Their Application to Credit Risk Evaluation of Small New Venture'Indirect Financing, *International Journal of Science*, Vol.4, No.4, pp 78-85, 2017. ISSN: 1813-4890, @2017
1158. Anuradha, D., VE Sobana, Solving intuitionistic fuzzy multi-objective nonlinear programming problem, 14th ICSET-2017, IOP Conference Series: Materials Science and Engineering, Vol. 263, 042104, pp 1-5, 2017, doi:10.1088/1757-899X/263/4/042104, @2017
1159. Khan, I., A Aggarwal, A Mehra, Solving matrix games with Atanassov's I-fuzzy goals via indeterminacy resolution approach, *Journal of Information and Optimizations Sciences*, Vol. 38, Issue 2, Pages 259-287, 2017., @2017
1160. Markechová, D., B Riečan, Logical Entropy and Logical Mutual Information of Experiments in the Intuitionistic Fuzzy Case, *Entropy*, 2017, @2017
1161. Suprasongsin, S., VN Huynh, P Yenradee, An Alternative Fuzzy Linguistic Approach for Determining Criteria Weights and Segmenting Consumers for New Product Development: A Case Study, *International Symposium on Knowledge and Systems Sciences, KSS 2017: Knowledge and Systems Sciences, Part of the Communications in Computer and Information Science book series (CCIS, volume 780, pp 23-37, 2017., @2017*
1162. Liu, J., N Zhou, LH Zhuang, N Li, FF Jin, Interval-Valued Hesitant Fuzzy Multiattribute Group Decision Making Based on Improved Hamacher Aggregation Operators and Continuous Entropy, *Mathematical Problems in Engineering*, Volume 2017, Article ID 2931482, 20 pages, 2017, @2017
1163. Shapique, M., Solutions to Fuzzy Differential Equations using Pentagonal Intuitionistic Fuzzy Numbers, *MAYFEB Journal of Mathematics*, Vol 2, Pages 8-20, MAYFEB Journal of Mathematics, 2017. ISSN 2371-6193, @2017
1164. Jiang, X., Model for Risk Assessment of Project Cost with Interval-valued Intuitionistic Fuzzy Information, *International Journal of Science*, Vol.4, No.7, pp 56-63, 2017, ISSN: 1813-4890, @2017
1165. Jin, H., Models for evaluating the vehicle stability performance with hesitant fuzzy information, *Journal of Intelligent & Fuzzy Systems*, vol. 32, no. 3, pp. 2763-2769, 2017. DOI: 10.3233/JIFS-16868, @2017
1166. Mesiar, R., S Borkotokey, LS Jin, M Kalina, Aggregation under uncertainty, *IEEE Transactions on Fuzzy Systems*, Volume PP, Issue 99 , 2017. DOI: 10.1109/TFUZZ.2017.2756828, @2017
1167. Hua, T., Model for evaluating the classification modes of the China's college entrance examination with hesitant fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, vol. 21, no. 4, pp. 265-272, 2017. DOI: 10.3233/KES-170370, @2017
1168. Wei, G., Pythagorean fuzzy interaction aggregation operators and their application to multiple attribute decision making, *Journal of Intelligent & Fuzzy Systems*, *Journal of Intelligent & Fuzzy Systems*, Vol. 33, No 4, pp 2119-2132, 2017. DOI: 10.3233/JIFS-162030, @2017
1169. Wei, G., M Lu, Dual Hesitant Pythagorean fuzzy Hamacher aggregation operators in multiple attribute decision making, *Archives of Control Sciences*, Vol. 27, Issue 3, pp 365–395, 2017., @2017
1170. Ren, Z., C Wei, A multi-attribute decision-making method with prioritization relationship and dual hesitant fuzzy decision information, *International Journal of Machine Learning and Cybernetics*, Volume 8, Issue 3, pp 755–763, 2017., @2017

1171. Garg, H., Generalized Pythagorean Fuzzy Geometric Aggregation Operators Using Einstein t-Norm and t-Conorm for Multicriteria Decision-Making Process, *International Journal of Intelligent Systems*, Vol. 32, Issue 6, pp 597–630, 2017. DOI: 10.1002/int.21860, @2017
1172. Wei, G., Some cosine similarity measures for picture fuzzy sets and their applications to strategic decision making, *Informatica*, Vol. 28, No 3, pp. 547-564, 2017, @2017
1173. Rahman, K., MSA Khan, M Ullah, A Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, *The Nucleus*, Vol. 54, No 1, pp 66-74, 2017, @2017
1174. Wei, G., FE Alsaadi, T Hayat, A Alsaedi, A linear assignment method for multiple criteria decision analysis with hesitant fuzzy sets based on fuzzy measure, *International Journal of Fuzzy Systems*, Volume 19, Issue 3, pp 607–614, 2017., @2017
1175. Liu, P., L Shi, Some neutrosophic uncertain linguistic number Heronian mean operators and their application to multi-attribute group decision making, *Neural Computing and Applications*, Volume 28, Issue 5, pp 1079–1093, 2017., @2017
1176. Tang, Y., LL Wen, GW Wei, Approaches to multiple attribute group decision making based on the generalized Dice similarity measures with intuitionistic fuzzy information, *International Journal of Knowledge-based and Intelligent Engineering Systems*, vol. 21, no. 2, pp. 85-95, 2017. DOI: 10.3233/KES-170354, @2017
1177. Liang, C., S Zhao, J Zhang, Multi-criteria group decision making method based on generalized intuitionistic trapezoidal fuzzy prioritized aggregation operators, *International Journal of Machine Learning and Cybernetics*, Vol. 8, Issue 2, pp 597–610, 2017., @2017
1178. Mousavi, M., H Gitinavard, SM Mousavi, A soft computing based-modified ELECTRE model for renewable energy policy selection with unknown information, *Renewable and Sustainable Energy Reviews*, Volume 68, Part 1, Pages 774-787, 2017., @2017
1179. Zhang, X., D Chen, ECC Tsang, Generalized dominance rough set models for the dominance intuitionistic fuzzy information systems, *Information Sciences*, Volume 378, Pages 1-25, 2017., @2017
1180. Gitinavard, H., MS Pishvae, F Jalalvand , A hierarchical multi-criteria group decision-making method based on TOPSIS and hesitant fuzzy information, *International Journal of Applied Decision Sciences*, Vol. 10, Issue 3, 213-232, 2017, @2017
1181. Gong, Z., X Zhang, The further investigation of variable precision intuitionistic fuzzy rough set model, *International Journal of Machine Learning and Cybernetics*, Volume 8, Issue 5, pp 1565–1584, 2017., @2017
1182. Gitinavard, H., SM Mousavi, B Vahdani, Soft computing-based new interval-valued hesitant fuzzy multi-criteria group assessment method with last aggregation to industrial decision problems, *Soft Computing*, Volume 21, Issue 12, pp 3247–3265, 2017., @2017
1183. Liu, P., H Li, Interval-valued intuitionistic fuzzy power Bonferroni aggregation operators and their application to group decision making, *Cognitive Computation*, Volume 9, Issue 4, pp 494–512, 2017., @2017
1184. Markechová, D., Kullback-Leibler Divergence and Mutual Information of Experiments in the Fuzzy Case, *Axioms*, 6(1), 5, 2017. doi:10.3390/axioms6010005, @2017

14. **Atanassov, Krassimir.** On a Generalization of the Fibonacci Sequence in the Case of three Sequences. *Fibonacci Quarterly*, 27, 1, 1989, 7-10

Литература по теме:

1185. Godase, A. D. Recurrent formulas of the generalized Fibonacci sequences of third & fourth order. *Indian Journal in Number Theory*, 2017, 103-110., @2017

15. Enoka R.M., Robinson G.A., **Kossev A.R.** Task and fatigue effects on low-threshold motor units in human hand muscle.. *J. Neurophysiol.*, 62, 1989, ISSN:00223077, 1344-1359. ISI IF:3.874

Литература по теме:

1186. Здоровье прежде всего! (2017) Эффект разминки. Использование двигательных единиц., @2017
1187. Здоровье прежде всего! (2017) Двигательная единица. Двигательная система человека., @2017
1188. Potvin, J. R., & Fuglevand, A. J. (2017). A motor-unit based model of muscle fatigue. *PLOS Computational Biology*, 13(6), e1005581., @2017
1189. Stock MS, Mota JA (2017) *Medical Engineering & Physics*, 50: 35-42., @2017
1190. Miller JD, Herda TJ, Trevino MA, Sterczala AJ, Ciccone AB (2017) *Exp. Physiol.*, 102(8): 950-961., @2017
1191. Chen YC, Lin YT, Chang GC, Hwang S (2017) *Frontiers in Physiology*, 8:140, doi: 10.3389/fphys.2017.00140, @2017

16. **Atanassov, Krassimir.** Geometrical interpretation of the elements of the intuitionistic fuzzy objects. Preprint IM-MFAIS-1-89, Sofia, 1989. Reprinted: Int J Bioautomation, 20, S1, 1989, S27-S42

Lumupa ce e:

1192. Vassia Atanassova and Lyubka Doukovska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017

17. **Atanassov, Krassimir.** Intuitionistic fuzzy relations. First Scientific Session of the Mathematical Foundation Artificial Intelligence, Sofia IM-MFAIS, 1989, 1-3

Lumupa ce e:

1193. Jeny Jordon, A., and T. Rajaretnam. Cartesian composition of intuitionistic fuzzy finite automata with unique membership transition on an input symbol. "Notes on IFS", Volume 23, 2017, Number 5, pages 102—111, @2017

18. **Tomov, T. C., Tsoneva, I. C.** Changes in the surface charge of cells induced by electrical pulses. 276, 2, Bioelectrochemistry and Bioenergetics, 1989, ISSN:ISSN: 1567-5394, 127-133. ISI IF:4.172

Lumupa ce e:

1194. P Simonis, S Kersulis, V Stankevich, V Kaseta, "Caspase dependent apoptosis induced in yeast cells by nanosecond pulsed electric field, "- Elsevier, Bioelectrochemistry Volume 115, June 2017, Pages 19-25, @2017

---

## 1990

---

19. **Atanassov, K.** A Generalized Net, Representing the Travelling Salesman Problem. AMSE Review, 14, 1990, 61-64

Lumupa ce e:

1195. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

---

## 1991

---

20. **Atanassov, Krassimir.** Temporal intuitionistic fuzzy sets. Comptes Rendus de l'Academie bulgare des Sciences, 44, 7, 1991, 5-7

Lumupa ce e:

1196. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

1197. Kutlu, F. On separation axioms in temporal intuitionistic fuzzy Šostak topology. "Notes on IFS", Volume 23, 2017, Number 1, pages 21—30., @2017

21. **Atanassov, K. T.** Generalized nets. World Scientific, 1991

Lumupa ce e:

1198. Ribagin, S., Generalized Net Model of Non-Traumatic Elbow Pain Diagnosing, Issues in IFS and GNs, Vol. 13, 2017, 85–95., @2017

1199. Ribagin, S., B. Zaharieva, Generalized net model of physical examination of patient with musculoskeletal complaints in kinesitherapy, Issues in IFS and GNs, Vol. 13, 2017, 96-108, @2017

1200. Zoteva, D., N. Angelova, Operations and Relations over Reduced Generalized Nets, Issues in IFSs and GNs, Vol. 13, 2017, 119–135, @2017

1201. Zoteva, D., Krawczak, M.. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey.. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 13, 2017, ISBN:978-83-61551-21-8, 1-60, @2017

1202. Sotirova, E., T Petkov, M Krawczak, Generalized Net Modelling of the Intuitionistic Fuzzy Evaluation of the Quality Assurance in Universities, International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 643), pp 341-347, 2017., @2017
1203. Petkov, T., P Jovcheva, Z Tomov, S Simeonov, S Sotirov, A Generalized Net Model of the Neocognitron Neural Network, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 249-259, 2017., @2017
1204. Ribagin, S., P Chountas, T Pencheva, Generalized Net Model of Muscle Pain Diagnosing, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 269-275, 2017., @2017
1205. Krawczak, M., S Sotirov, E Sotirova, Modeling Parallel Optimization of the Early Stopping Method of Multilayer Perceptron, Recent Contributions in Intelligent Systems, Part of the Studies in Computational Intelligence book series (SCI, volume 657), pp 103-113, 2017., @2017
1206. Bureva, V., E Sotirova, S Popov, D Mavrov, V Traneva, Generalized Net of Cluster Analysis Process Using STING: A Statistical Information Grid Approach to Spatial Data Mining, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 239-248, 2017., @2017
1207. Roeva, O., V Atanassova, Universal Generalized Net Model for Description of Metaheuristic Algorithms: Verification with the Bat Algorithm, International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 643), pp 244-255, 2017., @2017
1208. Maria Stefanova-Pavlova, Velin Andonov, Todor Stoyanov, Maia Angelova, Glenda Cook, Barbara Klein, Peter Vassilev, Elissaveta Stefanova, Modeling Telehealth Services with Generalized Nets, Recent Contributions in Intelligent Systems, Studies in Computational Intelligence volume 657, pp 279-290, 2017., @2017
1209. Bureva, V., P Yovcheva, S Sotirov, Generalized Net Model of Fingerprint Recognition with Intuitionistic Fuzzy Evaluations, International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology pp 286-294, 2017, @2017
1210. Ribagin, S., P Vassilev, T Pencheva, S Zadrozny, Intuitionistic fuzzy generalized net model of adolescent idiopathic scoliosis classification and the curve progression probability, Notes on Intuitionistic Fuzzy Sets, Vol. 23, No. 3, 88-95, 2017. Print ISSN 1310-4926, Online ISSN 2367-8283., @2017

---

## 1992

---

22. **Atanassov, K.** Generalized Nets and Extensions of the Travelling Salesman Problem. AMSE Review, 21, 2, 1992, 16-26

Lumupa ce e:

1211. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

23. Dengler R., **Kossev A.**, Wohlfahrt K., Schubert M., Elek J., Wolf W.. F waves and motor unit size.. Muscle & Nerve, 15, 1992, ISSN:0148639X, 1138-1142. ISI IF:1.067

Lumupa ce e:

1212. Thomas CK, Häger CK, Klein CS (2017) J. Neurophysiol., 117(2): 684-691., @2017
1213. Sathya GR, Krishnamurthy N, Veliath S, Arulneyam J, Venkatachalam J (2017) Indian Journal of Medical Research, 145(3): 353-357., @2017
1214. Chroni E, Veltsista D, Papapoulou C, Trachani E (2017) Journal of Clinical Neurophysiology, 34(3): 236-242., @2017
1215. Kudina LP, Andreeva RE (2017) Neurol. Sci., 38(3): 465-472., @2017

24. Elek J.M., **Kossev A.**, Dengler R., Schubert M., Wohlfahrt K., Wolf W.. Parameters of human motor unit twitches obtained by intramuscular microstimulation.. Neuromusc. Disord., 2, 1992, ISSN:09608966, 261-267. ISI IF:2.718

Lumupa ce e:

1216. Na J, Kim J (2017) IEEE Trans. Neural Systems Rehabil., 25(9): 1431-1439., @2017

25. **Christov I**, Dotsinsky I, Daskalov I. High-pass filtering of ECG signals using QRS elimination. *medical & biological engineering & computing*, 30, 1992, 253-256. SJR:2.02, ISI IF:1.72

[Lumupa ce s:](#)

1217. Lenis G, Pilia N, Loewe A, Schulze WH, Dössel O (2017) Comparison of baseline wander removal techniques considering the preservation of ST changes in the ischemic ECG. 20 pages, <http://downloads.hindawi.com/journals/cmmm/aip/9295029.pdf>, @2017

26. **Raikova , R.** A general approach for modelling and mathematical investigation of the human upper limb. *Journal of Biomechanics*, 25, Elsevier, 1992, 857-867. ISI IF:2.784

[Lumupa ce s:](#)

1218. Gebai S., Hammoud M., Hallal A., Shaer A.A. L. Structural control and biomechanical tremor suppression: Comparison between different types of passive absorber *Journal of Vibration and Control*, 2017, Article first published online: February 1, 2017 Received: August 17, 2016; Accepted: December 15, 2016 <https://doi.org/10.1177/1077546316689200>, @2017

1219. Jang S., Stuerzlinger W., Ambike S., Ramani K. Modeling cumulative arm fatigue in mid-air interaction based on perceived exertion and kinetics of arm motion, CHI 2017, May 6-11, 2017, Denver, CO, USA. <http://ws.iat.sfu.ca/papers/cumulativearmfatigue.pdf>, @2017

1220. Gebai S., Hannoud M., Hallal A., Shaer A.A. Involuntary tremor controled using mechanical means involunatry hand tremor. *Advances in Biomedical Engineering. Fourth Int. conference*, 19-21 Oct, 2017, Beirut, Lebanon, @2017

---

## 1993

---

27. **Atanassov, K.** Generalized Nets and Some Travelling Salesman Problems. *Applications of Generalized Nets* (K. Atanassov, Ed.), World Scientific Publ. Co., Singapore, 1993, 68-81

[Lumupa ce s:](#)

1221. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017

28. **Maslenkova LT.**, Zanev Yu, Popova LP. Adaptation to salinity as monitored by PSII oxygen evolving reactions in barley thylakoids. *Journal of plant physiology*, 142, 5, Elsevier GmbH, 1993, ISSN:0721-7595, 629-634. ISI IF:2.971

[Lumupa ce s:](#)

1222. Chen, Hongfei, et al. "Genome-wide analysis of carotenoid cleavage oxygenase genes and their responses to various phytohormones and abiotic stresses in apple (*Malus domestica*)." *Plant Physiology and Biochemistry* (2017)., @2017

1223. Faghieh, Somayeh, Cyrus Ghobadi, and Abdolkarim Zarei. "Response of Strawberry Plant cv.'Camarosa'to Salicylic Acid and Methyl Jasmonate Application Under Salt Stress Condition." *Journal of Plant Growth Regulation* (2017): 1-9., @2017

1224. Tang, Yi, et al. "Melatonin Affects the Growth and Cadmium Accumulation of *Malachium aquaticum* and *Galinsoga parviflora*." *International journal of phytoremediation* just-accepted (2017): 00-00., @2017

29. **Atanassov, K. T.**, Georgiev, C.. Intuitionistic fuzzy Prolog. *Fuzzy Sets and Systems*, 53, 2, Elsevier, 1993, 121-128. ISI IF:1.986

[Lumupa ce s:](#)

1225. CY Wang, XQ Zhou, HN Tu, SD Tao, Some geometric aggregation operators based on picture fuzzy sets and their application in multiple attribute decision making, *Italian journal of pure and applied mathematics*, No. 37, pp 477-492, 2017., @2017

1226. M Zhang, S Ali, T Yue, R Norgren, O Okariz, Uncertainty-Wise Cyber-Physical System test modeling, *Software & Systems Modeling*, pp 1-40, 2017., @2017

1227. G Qu, W Qu, J Wang, H Zhou, Z Liu, Factorial-Quality Scalar and an Extension of ELECTRE in Intuitionistic Fuzzy Sets, *International Journal of Information Technology & Decision Making*, pp 1-25, 2017., @2017

1228. JJ An, DF Li, JX Nan, A mean-area ranking based non-linear programming approach to solve intuitionistic fuzzy bi-matrix games, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 1, pp. 563-573, 2017. DOI: 10.3233/JIFS-

30. Dikalov, S, **Alov, P**, Rangelova, D. Role of Iron Ion Chelation by Quinones in Their Reduction, OH-Radical Generation, and Lipid Peroxidation. Biochemical and Biophysical Research Communications, 195, Elsevier, 1993, ISSN:0006-291X, DOI:10.1006/bbrc.1993.2017, 113-119. SJR:1.006, ISI IF:2.297

Lumupa ce e:

1229. Kim, Jeong Goo, Sang Chul Lee, Ok-Hee Kim, Kee-Hwan Kim, Kyo Young Song, Sang Kuon Lee, Byung Jo Choi, Wonjun Jeong and Say-June Kim. HSP90 inhibitor 17-DMAG exerts anticancer effects against gastric cancer cells principally by altering oxidant-antioxidant balance. Oncotarget, 8: 56473-56489, @2017

## 1994

31. **Atanassov, K.** Generalized Nets and Expert Systems VII.. Advances in Modelling & Analysis., 21, 2, A, AMSE Press, 1994, 15-22

Lumupa ce e:

1230. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

32. **Kossev A.**, Elek J.M., Wohlfarth K., Schubert M., Dengler R., Wolf W.. Assessment of human motor unit twitches - a comparison of spike-triggered averaging and intramuscular microstimulation.. Electroenceph. clin. Neurophysiol., 93, 1994, ISSN:0924980X, 100-105. ISI IF:1.617

Lumupa ce e:

1231. Negro F, Orizio C (2017) Journal of Electromyography and Kinesiology, 37: 132-140., @2017

33. **Atanassov, K. T.** New operations defined over the intuitionistic fuzzy sets. Fuzzy sets and Systems, 61, 2, Elsevier, 1994, 137-142. ISI IF:1.986

Lumupa ce e:

1232. Hamouda, E.H., ON SOME IDEALS OF INTUITIONISTIC FUZZY POINTS SEMIGROUPS, Journal of new theory, Number 16, Pages 19-26, 2017., @2017
1233. Si, A., S Das, Intuitionistic Multi-fuzzy Convolution Operator and Its Application in Decision Making, International Conference on Computational Intelligence, Communications, and Business Analytics, CICBA 2017: Computational Intelligence, Communications, and Business Analytics, Part of the Communications in Computer and Information Science book series (CCIS, volume 776), pp 540-551, 2017., @2017
1234. MG Akbari, G Hesamian, Record value based on intuitionistic fuzzy random variables, International Journal of Systems Science, Volume 48, Issue 15, Pages 3305-3315 , 2017., @2017
1235. Rahman, K., S Abdullah, A Ali, F Amin, Some Induced Averaging Aggregation Operators Based on Pythagorean Fuzzy Numbers, Mathematics Letters , Volume 3, Issue 4, Pages: 40-45, 2017., @2017
1236. Xing, Q., J Duan - Control Conference (CCC), Method of establishing membership and nonmembership function in intuitionistic fuzzy sets based on improved evidence theory, Control Conference (CCC), 2017 36th Chinese, Page(s)10813 - 10818 , 2017. DOI: 10.23919/ChiCC.2017.8029081, @2017
1237. Gunasekaran, K., D Gunaseelan, SOME SPECIAL OPERATORS OVER BIPOLAR INTUITIONISTIC M-FUZZY GROUP AND ANTI M-FUZZY GROUP, International Journal of Pure and Applied Mathematics, Volume 113, No. 11, pp 11-19, 2017. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), @2017
1238. Dayan, F., MA Rehman, RN Jamil, A Generalized Fuzzy Soft Set Based Recruiting Method, International Journal of Mathematics Trends and Technology (IJMTT), Volume 49, No 2, pp 125-128, 2017. ISSN: 2231-5373., @2017
1239. Han, J., Z Yang, X Sun, G Xu, Chordal distance and non-Archimedean chordal distance between Atanassov's intuitionistic fuzzy set, Journal: Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3889-3894, 2017. DOI: 10.3233/JIFS-17724, @2017
1240. Chiney. M. and S. K. Samanta. Intuitionistic fuzzy basis of an intuitionistic fuzzy vector space. "Notes on IFS", Volume 23, 2017, Number 4, pages 62—74, @2017
1241. Mandal, P. and A. S. Ranadive. Approximations of crisp set and intuitionistic fuzzy set based on intuitionistic fuzzy normal subgroup. "Notes on IFS", Volume 23, 2017, Number 4, pages 91—105, @2017

1242. Sharma, P. K. Exact sequence of intuitionistic fuzzy G-modules. "Notes on IFS", Volume 23, 2017, Number 5, pages 66—84, @2017

34. Atanassov, K. T.. Operators over interval valued intuitionistic fuzzy sets. Fuzzy sets and systems, 64, 2, 1994, 159-174. ISI IF:1.986

Lumupa ce e:

1243. Jamkhaneh, EB, H Garg, Some new operations over the generalized intuitionistic fuzzy sets and their application to decision-making process, Granular Computing, pp 1-12, 2017., @2017

1244. Liang, C., S Zhao, J Zhang, Multi-criteria group decision making method based on generalized intuitionistic trapezoidal fuzzy prioritized aggregation operators, International Journal of Machine Learning and Cybernetics, Vol. 8, Issue 2, pp 597–610, 2017., @2017

1245. Xu, DS, C Wei, GW Wei, TODIM Method for Single-Valued Neutrosophic Multiple Attribute Decision Making, Information, 8(4), 125, 2017. doi:10.3390/info8040125, @2017

1246. Liu, P., H Li, Interval-valued intuitionistic fuzzy power Bonferroni aggregation operators and their application to group decision making, Cognitive Computation, Volume 9, Issue 4, pp 494–512, 2017., @2017

1247. Yang, Y., C Liang, S Ji, Comments on Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets by Ridvan Sahin, Soft Computing, Volume 21, Issue 11, pp 3033–3035, 2017., @2017

1248. Krishankumar, R., KS Ravichandran, R. Ramprakash, A Scientific Decision Framework for Supplier Selection under Interval Valued Intuitionistic Fuzzy Environment, Mathematical Problems in Engineering, Volume 2017, Article ID 1438425, 18 pages, 2017., @2017

1249. Abbas, SE, I. Ibedou, Fuzzy soft uniform spaces, Soft Computing, Volume 21, Issue 20, pp 6073–6083, 2017., @2017

1250. Thiagarasu, V., R Dharmarajan, An Intuitionistic Fuzzy Topsis DSS Model with Weight Determining Methods, International Journal of Engineering And Computer Science, Volume 6, Issue 2, pp 20354-20361, 2017. DOI: 10.18535/ijecs/v6i2.34, @2017

1251. Luo, M., L Shi, MJ Xie, Research on the construction performance assessment of industry-university-research cooperation in collaborative innovation to promote the practice base construction based on CDIO idea, Journal of Intelligent & Fuzzy Systems, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 6, pp. 3217-3226, 2017, DOI: 10.3233/JIFS-161528, @2017

1252. Rehman, I., A Razzaque, T Shah, A Novel Approach to Analyze S-boxes in Image Encryption Using Fuzzy Soft Set Aggregation Operator, Journal of Multiple-Valued Logic & Soft Computing. Vol. 28, Issue 4/5, pp 495-510, 2017, @2017

1253. Robinson, PJ, S Jeeva, APPLICATION OF JACOBIAN & SOR ITERATIONPROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS, Journal Published by IMRF Journal, pp 130-134, 2017, @2017

1254. Tiwari, V., PK Jain, P Tandon, A bijective soft set theoretic approach for concept selection in design process, Journal of Engineering Design, Volume 28, Issue 2, pp 100-117, 2017., @2017

1255. Kumar, T., RK Bajaj, R Kaushik, Expected value based ranking of intuitionistic fuzzy variables, AIP Conference Proceedings, Volume 1860, Issue 1, 020030, 2017., @2017

1256. Liu, P., Some Frank Aggregation Operators for Interval-valued Intuitionistic Fuzzy Numbers and their Application to Group Decision Making, Journal of Multiple-Valued Logic & Soft Computing, Vol. 29, Issue 1/2, pp 183-223, 2017, @2017

1257. Robinson, JP, Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Trapezoidal Fuzzy MAGDM Problems (Chapter 60), Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, pp 1448-1479, 2017. DOI: 10.4018/978-1-5225-1908-9.ch060, @2017

1258. Bhowmik, M., M Pal, Fuzzy Sets, Intuitionistic Fuzzy Sets: Separation of Generalized Interval-Valued Intuitionistic Fuzzy Sets, Emerging Research on Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices, pp 1-17, 2017. DOI: 10.4018/978-1-5225-0914-1.ch001, @2017

1259. Shi, SX, Performance evaluation of urban ecological environment construction with interval-valued intuitionistic fuzzy information, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 1119-1127, 2017. DOI: 10.3233/JIFS-16475, @2017

1260. He, X., Y Wu, Global Research Trends of Intuitionistic Fuzzy Set: A Bibliometric Analysis, Journal of Intelligent Systems, 2017., @2017

1261. Mahmood, T., S Abdullah, M Bilal, MULTICRITERIA DECISION MAKING BASED ON CUBIC SET, Journal of New Theory, Vol. 16, pp 1-9, 2017, @2017

1262. Wang, SF, Interval-valued intuitionistic fuzzy Choquet integral operators based on Archimedean t-norm and their calculations, Journal of Computational Analysis & Applications, Vol. 23, Issue 1, pp 703-712, 2017, @2017

1263. Hajek, P., O Prochazka, Interval-Valued Intuitionistic Fuzzy Cognitive Maps for Supplier Selection, International Conference on Intelligent Decision Technologies, DT 2017: Intelligent Decision Technologies, pp 207-217, 2017, @2017

1264. Meng, F., C Tan, A Method for Multi-Attribute Group Decision Making Based on Generalized Interval-Valued Intuitionistic Fuzzy Choquet Integral Operators, Int. J. Unc. Fuzz. Knowl. Based Syst., Vol. 25, 821 (2017), 2017.,

**@2017**

1265. Anitha, N., J Venkatesan, Anti-Fuzzy Soft Subhemiring of a Hemiring, International Journal of Mathematics Trends and Technology (IJMTT), Volume 47, No 2, pp 158-162, 2017. ISSN: 2231-5373, **@2017**
1266. Ri, CR, Interval-valued Intuitionistic Fuzzy Multiple Attribute Decision Making Based on Gray Relational Projection Method for Project Selection, International Journal of Science and Research (IJSR), Volume 6, Issue 9, pp 129-138, 2017. ISSN (Online): 2319-7064, **@2017**
1267. Liu, P., Multiple attribute group decision making method based on interval-valued intuitionistic fuzzy power Heronian aggregation operators, Computers & Industrial Engineering, Volume 108, Pages 199-212, 2017, **@2017**
1268. Rahman, K., A Ali, M Shakeel, MSA Khan, Murad Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, The Nucleus 54, No. 3, pp 190-196, 2017, **@2017**
1269. Amma, BB, S Melliani, LS Chadli, Intuitionistic Fuzzy Functional Differential Equations, North American Fuzzy Information Processing Society Annual Conference, NAFIPS 2017: Fuzzy Logic in Intelligent System Design, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 648), pp 335-35, 2017., **@2017**
1270. Zhu, LC, JL Hou, L Wang, Model for evaluating the operation modes of sports sites facilities with interval-valued intuitionistic fuzzy information, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 271-277, 2017. DOI: 10.3233/JIFS-151562, **@2017**
1271. Wang, C., Decomposition theorems and representation theorems of vague soft sets, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 1, pp. 85-95, 2017. DOI: 10.3233/JIFS-151120, **@2017**
1272. Feng, Q., X Guo, Uncertainty measures of interval-valued intuitionistic fuzzy soft sets and their applications in decision making, Intelligent Data Analysis, vol. 21, no. 1, pp. 77-95, 2017. DOI: 10.3233/IDA-150331, **@2017**
1273. He, Y., L Xiong, Generalized interval-valued intuitionistic fuzzy soft rough set and its application, Journal of Computational Analysis and Applications, Vol. 23, pp 1070-1088, 2017, **@2017**
1274. Barbhuiya, SR, ( $\in$ ,  $\epsilon$ ,  $\vee$ q)-Interval-Valued Fuzzy Prime Ideals of BCK-Algebras, International Journal of Advances in Mathematics, Volume 2017, Number 5, Pages 31-43, 2017. eISSN 2456-6098., **@2017**
1275. Biswas, R., Continuous Fuzzy Evaluation Methods: A Novel Tool for the Analysis and Decision Making in Football (or Soccer) Matches, A New Innovative Proposal to FIFA & UEFA, Part of the SpringerBriefs in Applied Sciences and Technology book series (BRIEFSAPPLSCIENCES), Also part of the Springer Briefs in Computational Intelligence book sub series (BRIEFSINTELL), 2017. Print ISBN978-3-319-70750-1, Online ISBN978-3-319-70751-8, **@2017**
1276. Abdullah, S., S. Ayub, I. Hussain, B. Bedregal, M. Y. Kha, Analyses of S-boxes based on interval valued intuitionistic fuzzy sets and image encryption, International Journal of Computational Intelligence Systems, Vol. 10, pp 851–865, 2017., **@2017**
1277. Pekala, B., K Balicki, INTERVAL-VALUED INTUITIONISTIC FUZZY SETS AND SIMILARITY MEASURE, Iranian Journal of Fuzzy Systems, Article 6, Volume 14, Issue 4, Page 87-98, 2017. DOI: 10.22111/IJFS.2017.3327, **@2017**
1278. Xian, S., Y Yin, W Xue, Y Xiao, Intuitionistic Fuzzy Interval-Valued Linguistic Entropic Combined Weighted Averaging Operator for Linguistic Group Decision Making, International Journal of Intelligent Systems, Vol. 33, Issue 2, pp 444-460, 2017. DOI: 10.1002/int.21942., **@2017**
1279. Gunasekaran, K., D Gunaseelan, SOME SPECIAL OPERATORS OVER BIPOLAR INTUITIONISTIC M-FUZZY GROUP AND ANTI M-FUZZY GROUP, International Journal of Pure and Applied Mathematics, Volume 113, No. 11 pp 11 – 19, 2017. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), **@2017**
1280. Dayan, F., MA Rehman, RN Jamil, A Generalized Fuzzy Soft Set Based Recruiting Method, International Journal of Mathematics Trends and Technology (IJMTT), Volume 49, No 2, pp 125-128, 2017., **@2017**
1281. Wang, C., Vague parameterized vague soft set theory and its decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 4, pp. 2341-2350, 2017. DOI: 10.3233/JIFS-17423, **@2017**
1282. Davvaz, B., EH Sadrabadi, JJ Nieto, A Torres, Twin Hypercube for Intuitionistic Fuzzy Sets and Their Application in Medicine, International Journal of Analysis and Application, Vol. 15, No 1, pp 31-45, 2017., **@2017**
1283. Ebenanjar, E., P., P. Thangavelu, On topologies induced by the soft topology, Tamsui Oxford Journal of Information and Mathematical Sciences, 31(1), pp 49-59, 2017., **@2017**
1284. Qu, G., W Qu, Z Zhang, J Wang, Choquet integral correlation coefficient of intuitionistic fuzzy sets and its applications, Journal of Intelligent & Fuzzy Systems, Vol. 33, No. 1, pp. 543-553, 2017. DOI: 10.3233/JIFS-162131, **@2017**
1285. Issa, H., E Ostrosi, M Lenczner, R Habib, Fuzzy holons for intelligent multi-scale design in cloud-based design for configurations, Journal of Intelligent Manufacturing, Volume 28, Issue 5, pp 1219–1247, 2017., **@2017**
1286. Barbacioru, I., CARDINALITY AND ENTROPY FOR INTUITIONISTIC FUZZY SETS, Fiability & Durability / Fiabilitate si Durabilitate, Issue 1, pp 308-315, 2017, **@2017**
1287. Razaque, A., I Rehman, KP Shum, ON SOFT LA-MODULES AND EXACT SEQUENCES, Italian Journal of Pure and Applied Mathematics, pp 797-814, 2017. ISSN 2239-0227, **@2017**
1288. Jiang, X., Model for Risk Assessment of Project Cost with Interval-valued Intuitionistic Fuzzy Information, International Journal of Science, Vol. 4, No. 7, pp 56-63, 2017. ISSN: 1813-4890, **@2017**
1289. Oztaysi, B., SC Onar, C Kahraman, M Yavuz, Multi-criteria alternative-fuel technology selection using interval-valued intuitionistic fuzzy sets, Transportation Research Part D: Transport and Environment, Volume 53, June 2017,

1290. Wei, G., Picture fuzzy aggregation operators and their application to multiple attribute decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 2, pp. 713-724, 2017. DOI: 10.3233/JIFS-161798, @2017
1291. Tooranloo, HS, A Iranpour, Supplier selection and evaluation using interval-valued intuitionistic fuzzy AHP method, International Journal of Procurement Management, Vol. 10, Issue 5, pp. 539–554, 2017, @2017
1292. Liu, P., H Li, Multiple attribute decision-making method based on some normal neutrosophic Bonferroni mean operators, Neural Computing and Applications, Volume 28, Issue 1, pp 179–194, 2017., @2017
1293. Şahin, R., Cross-entropy measure on interval neutrosophic sets and its applications in multicriteria decision making, Neural Computing and Applications, Volume 28, Issue 5, pp 1177–1187, 2017., @2017
1294. Robinson, J., HA EC, MAGDM problems with correlation coefficient of Triangular Fuzzy IFS, Theoretical and Practical Advancements for Fuzzy System Integration, Li, Deng-Feng (Eds), pp 154-, 2017, @2017
1295. Rahman, K., MSA Khan, M Ullah, A Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, The Nucleus, Vol. 54, No 1, pp 66-74, 2017, @2017

35. Shannon, Anthony, **Atanassov, Krassimir**. A first step to a theory of the intuitionistic fuzzy graphs. Proc. of the First Workshop on Fuzzy Based Expert Systems (D. Lakov, Ed.), Sofia, Sept. 28- 30, 1994, 1994, 59-61

Lumupa ce e:

1296. Karunambigai, M. G., R. Buvaneswari. Menger's theorem for intuitionistic fuzzy graphs. "Notes on IFS", Volume 23, 2017, Number 1, pages 70—78, @2017

36. **Atanassov K.**, Georgiev P.. Generalized Nets and Expert Systems VI. Advances in Modelling & Analysis, 21, 2, AMSE Press, 1994

Lumupa ce e:

1297. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

---

## 1995

---

37. **Stephanova DI**, Bostock K. A distributed-parameter model of the myelinated human nerve fibre: temporal and spatial distributions of action potentials and ionic currents. Biol. Cybern, 73, Springer Link, 1995, ISSN:0340-1200, 275-280. ISI IF:1.121

Lumupa ce e:

1298. Goetz SM, Deng ZD (2017): The development and modeling of devices and paradigms for transcranial magnetic stimulation, International review of Psychiatry, 29(2): 115-145 Taylor & Francis. doi: 10.1080/09540261.2017.1305949, @2017

38. **Hadjitodorov, S.**. An intuitionistic fuzzy sets application of the K-NN method. Notes of Intuitionistic Fuzzy Sets, 1, 1, 1995, 66-69

Lumupa ce e:

1299. Pavle Milošević, Bratislav Petrović, Veljko Jeremić, IFS-IBA similarity measure in machine learning algorithms, Expert Systems with Applications, Volume 89, 15 December 2017, Pages 296-305, @2017

1300. Hamed Nikdel, Yahya Forghani, S. Mohammad Hosein Moattar. Increasing the speed of fuzzy k-nearest neighbours algorithm, Expert Systems. 2017, Version of Record online: 26 OCT 2017, DOI: 10.1111/exsy.12254, @2017

39. **Atanassov, Krassimir**. Remark on a New Direction for a Generalization of the Fibonacci Sequence. The Fibonacci Quarterly, 33, 3, 1995, 249-250

Lumupa ce e:

1301. Godase, Ashok Dnyandeo; Macchindra Dhakne. IDENTITIES FOR MULTIPLICATIVE COUPLED FIBONACCI SEQUENCES OF RT H ORDER. Journal of New Theory, 2017, Number 15, 48-60. ISSN: 2149-1402, @2017

1302. Dhakne, M. B., A. D. Godase. Properties of k-Fibonacci sequence using matrix method. MAYFEB Journal of Mathematics, Vol 1 (2017), 11-20., @2017

40. Koynova, R., Tenchov, B., **Todinova, S.**, Quinn, P.. Rapid reversible formation of a metastable subgel phase in saturated diacylphosphatidylcholines. *Biophysical Journal*, 68, 6, Elsevier, 1995, ISSN:0006-3495, DOI:10.1016/S0006-3495(95)80419-4, 2370-2375. ISI IF:4.325

Lumupa ce e:

1303. 1. Hai-Yuan Sun, Fu-Gen Wu, Zhi-Hong Li, Geng Deng, Yu Zhouad and Zhi-Wu Yu, Phase behavior of a binary lipid system containing long- and short-chain phosphatidylcholines, *RSC ADVANCES*, 2017, 7 : 10, 5715-5724, @2017

---

## 1996

---

41. **Pajeva, I.**, Wiese, M., Cordes, H.-P., Seydel, J.K.. Membrane interactions of some catamphiphilic drugs and relation to their multidrug resistance reversing ability. *122*, 1, 1996, 27-40. ISI IF:1.093

Lumupa ce e:

1304. Mishra, Ravinesh; Sareen, Swati; Sharma, Bhartendu; Goyal, Shubham; Kaur, Gurpreet; Bhardwaj, Sweta; A. Siddiqui, Anees; Husain, Asif; K. Singla, Rajeev; Rashid, Mohd; Kumar, Deepak; Sati, Bhawana; Shalmali, Nishtha; Kumar, Rajiv"Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein." *Current Cancer Therapy Reviews* 13 (1), 2017: 28-42, @2017

42. Fedina I.S., **Popova A.V.**. Photosynthesis, photorespiration and proline accumulation in water-stressed pea leaves. *32*, 2, 1996, 213-220

Lumupa ce e:

1305. Gao, F., Li, P., Feng, Z.-Z., 2017, Interactive effects of ozone and drought stress on plants: A review, *Chinese Journal of Plant Ecology*, 41 (2) 252-268, @2017

43. **Raikova , R.** A model of the flexion-extension motion in the elbow joint - some problems concerning muscle forces modelling and computations. *Journal of Biomechanics*, 29, Elsevier, 1996, 763-772. ISI IF:2.784

Lumupa ce e:

1306. Eskes M., Balm A.J. M, van Alphen M.J.A., Smeele L.E., Stavness I. , van der Heijdens F., EMG-assisted inverse modelling of 3D lip movement: a feasibility study towards person-specific modelling, *Scientific Reports* 7, Article number: 17729, @2017

---

## 1997

---

44. Boyanov B, **Hadjitodorov S**, Teston B, Dostkov D. Robust hybrid pitch detector for pathological voice analysis. In: *Proc. Larynx'97*, Marseille, June 16-18, 1997, 55-58

Lumupa ce e:

1307. Carlos M. Travieso, Jesús B. Alonso, J.R. Orozco-Arroyave, J.F. Vargas-Bonilla , E. Nöth, Antonio G. Ravelo-García. Detection of different voice diseases based on the nonlinear characterization of speech signals, *Expert Systems with Applications*, Volume 82, 1 October 2017, Pages 184–195, , @2017

45. **Pajeva, I.**, Wiese, M.. QSAR and molecular modelling study of multidrug resistance modifiers. *16*, 1, 1997, 1-10. ISI IF:1.967

Lumupa ce e:

1308. Mishra, Ravinesh; Sareen, Swati; Sharma, Bhartendu; Goyal, Shubham; Kaur, Gurpreet; Bhardwaj, Sweta; A. Siddiqui, Anees; Husain, Asif; K. Singla, Rajeev; Rashid, Mohd; Kumar, Deepak; Sati, Bhawana; Shalmali, Nishtha; Kumar, Rajiv"Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein." *Current Cancer Therapy Reviews* 13 (1), 2017: 28-42, @2017

46. **Dobrikova, A.G.**, Tuparev, NP, Krasteva, I, **Busheva, MH, Velithckova, M.** Artificial alterations of fluidity of pea thylakoid membranes and its effect on energy distribution between both photosystems. *Z. Naturforsch C*, 52, 1997, 475-480. ISI IF:0.552  
*Lumupa ce e:*  
1309. Akhtar T.A., Surowiecki P., Siekierska H., Kania M., Van Geldera K., Rea K., Virta L, Vatta M., Gawarecka K., Wojcik J., Danikiewicz W., Buszewicz D., Swiezewska E., Surmacz L. (2017) *Plant Cell*, 29 (7): 1709-1725. doi:10.1105/tpc.16.00796., @2017
47. **Atanassov, K. T.** Generalized nets and systems theory. Publishing House of the Bulgarian Academy of Sciences, 1997  
*Lumupa ce e:*  
1310. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017
48. **Hristova, N., Tsoneva, I., Neumann, E.** Sphingosine-mediated electroporative DNA transfer through lipid bilayers. *FEBS Lett.*, 415, 1997, ISSN:ISSN 0014-5793, 81-86. ISI IF:3.538  
*Lumupa ce e:*  
1311. BM Medi, B Layek, "Electroporation for Dermal and Transdermal Drug Delivery "in *Percutaneous Penetration Enhancers ...*, 2017 - books, @2017
49. Daskalov I, **Christov I.** Improvement of resolution in measurement of electrocardiogram RR intervals by interpolation. *Medical Engineering & Physics*, 19, 4, 1997, 375-379. SJR:2.05, ISI IF:1.82  
*Lumupa ce e:*  
1312. El Aarbaoui T, Méline J, Brondeel R, Chaix B (2017) Short-term association between personal exposure to noise and heart rate variability: The RECORD MultiSensor Study. *Environmental Pollution*, 231, (1), pp. 703-711., @2017  
1313. Tarvainen M, Lipponen J, Niskanen J, Ranta-aho P (2017) Kubios HRV (Users Guide), 57 pages, [http://www.kubios.com/downloads/Kubios\\_HRV\\_Users\\_Guide.pdf](http://www.kubios.com/downloads/Kubios_HRV_Users_Guide.pdf), @2017
50. Boyanov B, **Hadjitodorov S.** Acoustic analysis of pathological voices. A voice analysis system for the screening of laryngeal diseases.. *IEEE Engineering in Medicine and Biology Magazine*, 16, 4, IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 1997, ISSN:0739-5175, DOI:10.1109/51.603651, 74-82. SJR:1.232, ISI IF:1.232  
*Lumupa ce e:*  
1314. Carlos M. Travieso, Jesús B. Alonso, J.R. Orozco-Aroyave, J.F. Vargas-Bonilla , E. Nöth, Antonio G. Ravelo-García. Detection of different voice diseases based on the nonlinear characterization of speech signals, *Expert Systems with Applications*, Volume 82, 1 October 2017, Pages 184–195, @2017  
1315. Zulfiqar Ali, Muhammad Talha and Mansour Alsulaiman. A Practical Approach: Design and Implementation of a Healthcare Software for Screening of Dysphonic Patients, *IEEE Access*, 5 , pp. 5844-5857, 2017, DOI 10.1109/ACCESS.2017.2693282, , @2017  
1316. Sabir, B., Rouda, F., Khazri, Y., Touri, B., Moussetad, M. Improved algorithm for pathological and normal voices identification, *International Journal of Electrical and Computer Engineering* , 7 ( 1 ) , 2017, pp. 238 - 243 ., @2017  
1317. Ahmed Al-nasheri, Ghulam Muhammad, Mansour Alsulaiman, Zulfiqar Ali, Khalid H. Malki, Tamer A. Mesallam, and Mohamed Farahat. Voice Pathology Detection and Classification using Auto-correlation and entropy features in Different Frequency Regions, *IEEE ACCESS*, DOI 10.1109/ACCESS.2017.2696056, , @2017  
1318. Lina María Sepúlveda Cano, Jhon Jair Quiza Montealegre, Jorge Andrés Gómez García. Análisis de la influencia de las técnicas de compresión de voz en la detección de anomalías vocales, *Revista Ingenierías Universidad de Medellín*, Colombia , vol.16, No 30, 2017, DOI: <http://dx.doi.org/10.22395/rium.v16n30a3>, @2017

51. Dotsinsky IA, **Christov I.** Mains interference subtraction from ECG in case of accompanying tremor,. Electronics 1998, ТУ - София, 1998, 16-20  
Цитира се в:  
1319. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017
52. **Velitchkova, M**, Fedina, I.. Response of Photosynthesis of Pisum sativum to Salt Stress as affected by Methyl Jasmonate. Photosynthetica, 35, 1, 1998, 89-97. ISI IF:1.409  
Цитира се в:  
1320. Wang F, Wang C, Zou T, Xu N, Sun X (2017) Comparative transcriptional profiling of Gracilariopsis lemaneiformis in response to salicylic acid- and methyl jasmonate-mediated heat resistance. PLoS ONE 12(5): e0176531. <https://doi.org/10.1371/journal.pone.0176531>, @2017
53. Ivanov, A.G , , 430, 288-292, Morgan, R.M, Gray, G. R., **Velithckova, MY**, N. P. A. Huner. Temperature/light dependent development of selective resistance to photoinhibition of Photosystem I. FEBS Lett., 430, 1998, 288-292. ISI IF:3.169  
Цитира се в:  
1321. Tao Lu, Zhaojuan Meng, Guoxian Zhang, Mingfang Qi, Zhouping Sun, Yufeng Liu and Tianlai Li (2017) Sub-high Temperature and High Light Intensity Induced Irreversible Inhibition on Photosynthesis System of Tomato Plant (Solanum lycopersicum L.). Front. Plant Sci. 8:365. doi: 10.3389/fpls.2017.00365., @2017  
1322. Ho-Seung Kim, Minh Hien Hoang, Young Ah Jeon, Guangxi Wu, Choon-Hwan Lee (2017) Differential down-regulation of zeaxanthin epoxidation in two rice (Oryza sativa L.) cultivars with different chilling sensitivities. J. Plant Biol. 60, 413-422. DOI: <https://doi.org/10.1007/s12374-016-0483-8>, @2017  
1323. Valentina Longo, Rana Valizadeh Kamran, Anna Michaletti , Mahmoud Toorchi , Lello Zolla and Sara Rinalducci. Proteomic and Physiological Response of Spring Barley Leaves to Cold Stress. Int J Plant Biol Res 5(1): 1061.(2017), @2017
54. **Pajeva, I.**, Wiese, M.. Molecular modeling of phenothiazines and related drugs as multidrug resistance modifiers: a comparative molecular field analysis study. J. Med. Chem, 41, 1998, 1815-1826. ISI IF:3.739  
Цитира се в:  
1324. Wang, M; Wei, JP; Fan, QL; Jiang, XF. Cu(II)-Catalyzed Sulfide Construction: Both Aryl Groups Utilization of Intermolecular and Intramolecular Diaryliodonium Salt. CHEMICAL COMMUNICATIONS, 53 (20):2918-2921; 10.1039/c6cc09201b MAR 11 2017, @2017  
1325. Prachayasittikul, V; Worachartcheewan, A; Toropova, AP; Toropov, AA; Schaduangrat, N; Prachayasittikul, V; Nantasenamat, C. Large-scale classification of P-glycoprotein inhibitors using SMILES-based descriptors. SAR AND QSAR IN ENVIRONMENTAL RESEARCH, 28 (1):1-16; 10.1080/1062936X.2016.1264468 2017, @2017  
1326. Montanari, F; Zdrzil, B. How Open Data Shapes In Silico Transporter Modeling. MOLECULES, 22 (3):10.3390/molecules22030422 MAR 2017, @2017  
1327. Mishra, Ravinesh; Sareen, Swati; Sharma, Bhartendu; Goyal, Shubham; Kaur, Gurpreet; Bhardwaj, Sweta; A. Siddiqui, Anees; Husain, Asif; K. Singla, Rajeev; Rashid, Mohd; Kumar, Deepak; Sati, Bhawana; Shalmali, Nishtha; Kumar, Rajiv"Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein." Current Cancer Therapy Reviews 13 (1), 2017: 28-42, @2017
55. **Atanassov, K. T.**, Gargov, G.. Elements of intuitionistic fuzzy logic. Part I. Fuzzy sets and systems, 95, 1, Elsevier, 1998, 39-52. ISI IF:1.986  
Цитира се в:  
1328. Bakhadach, I., S. Melliani and L. S. Chadli. On intuitionistic fuzzy implications. "Notes on IFS", Volume 23, 2017, Number 5, pages 7—19, @2017
56. Christova P., **Kossev A.**, Radicheva N.. Discharge rate of selected motor units in human biceps brachii at different muscle lengths.. J. Electromyogr. Kinesiol., 8, 1998, ISSN:8: -. (ISSN: 10506411, 287-294. ISI IF:0.566  
Цитира се в:  
1329. Fernández-Ozcorta EJ (2017) NSCA Spain, , @2017

57. **Kossev A.**, Christova P.. Discharge pattern of human motor units during dynamic concentric and eccentric contractions.. *Electroenceph. clin. Neurophysiol.*, 109, 1998, ISSN:0924980X, 245-255. ISI IF:2.45

*Lumupa ce в:*

1330. Stolworthy CW (2017) Motor Unit Firing in the Human Anconeus During High Intensity Eccentric Contractions of Elbow Extensors., The University of Western Ontario. (Thesis), @2017

58. Daskalov I, Dotsinsky I, **Christov I.** Developments in ECG acquisition, preprocessing, parameter measurement and recording.. *IEEE Eng. in Med. & Biol.*, 17, 2, 1998, 50-58. ISI IF:2.05

*Lumupa ce в:*

1331. Ansari S, Farzaneh N, Duda M, Horan K, Andersson, HB (2017) A review of automated methods for detection of myocardial ischemia and infarction using electrocardiogram and electronic health record. *IEEE Reviews in Biomedical Engineering*, 10, pp. 264-298, <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&number=8068216>., @2017

1332. Yanbing Jiang, Ning Ji, Hui Wang, Xueyu Liu, et al (2017). Comparison of different shielding methods in acquisition of physiological signals. *IEEE Int. Conf. of IEEE Engineering in Medicine and Biology Society*, 11-15 July, Jeju Island, South Korea, pp. 2325-2328., @2017

1333. Sharanbasappa SD, Parvathi CS (2017) Integrated wireless health monitoring system for elderly people. *Int. J. of Innovative Research in Computer and Communication Engineering*, 5, (4), pp.480-490, @2017

1334. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

59. Christova P., **Kossev A.** Motor unit activity during long-lasting intermittent contractions in humans.. *Eur. J. Appl. Physiol.*, 77, 1998, ISSN:03015548, 379-387. ISI IF:1.045

*Lumupa ce в:*

1335. Poortmans JR, Boisseau N (2017) *Biochimie des activités physiques et sportives.*, De Boeck Superior s.a., Editions De Boeck Université, Bruxelles, 2017 (учебник), @2017

60. **Busheva, M., Apostolova, E.** Influence of saccharides and glycine betaine on freezing of photosystem 2 – enriched particles: A chlorophyll fluorescence study. *Photosynthetica*, 34, 1998, 591-594. ISI IF:1.409

*Lumupa ce в:*

1336. L. V. Kurepin, A. G. Ivanov, M. Zaman, R. P. Pharis, V. Hurry, N. P.A. Huner, Interaction of Glycine Betaine and Plant Hormones: Protection of the Photosynthetic Apparatus During Abiotic Stress, H.J.M. Hou et al. (eds.), *Photosynthesis: Structures, Mechanisms, and Applications*, H.J.M. Hou et al. (eds.), DOI 10.1007/978-3-319-48873-8\_9, @2017

61. Kontodimopoulos N, Pallikarakis N, **Christov I.**, Daskalov I. In-house development of test equipment for quality control and training. Case study: a prototype ECG simulator-tester. *Medical Engineering & Physics*, 20, 1998, 717-721. SJR:2.02, ISI IF:1.72

*Lumupa ce в:*

1337. Wang L, Xu L, Zhou S, Wang H, Yao Y, Hao L, Li BN, Qi L (2017) Design and implementation of a pulse wave generator based on Windkessel model using field programmable gate array technology. *Biomedical Signal Processing and Control*, 36, pp. 93-101, @2017

62. **Atanassov, K. T.** Generalized nets in artificial intelligence. "Prof. Marin Drinov" Publishing House of the Bulgarian Academy of Sciences, 1998

*Lumupa ce в:*

1338. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017

63. **Momchilova, A, Markovska, T.** Phosphatidylethanolamine and phosphatidylcholine are sources of diacylglycerol in ras-transformed NIH 3T3 fibroblasts. The international journal of biochemistry & cell biology, 32, 2, 1999, 311-318

Lumupa ce e:

1339. Ahmed M.Y., Al-Khayat A., Al-Murshedi, F. AL-Futaisi, A., Chioza B.A., Pedro Fernandez-Murray, J., & Al-Zuhaibi S. "A mutation of EPT1 (SELENOI) underlies a new disorder of Kennedy pathway phospholipid biosynthesis." Brain, 140 (3) 547-554, 2017, @2017

1340. Angerer T., "Interrogation of biological samples by ToF-SIMS using new primary ion beams and sample preparation methods PhD Thesis .2017, @2017

64. **Atanassov, K. T.** Intuitionistic Fuzzy Sets: Theory and Applications. Physica-Verlag HD, 1999

Lumupa ce e:

1341. Luo, X., Xu, Z. & X. Gou, Exponential operational laws and new aggregation operators of intuitionistic Fuzzy information based on Archimedean T-conorm and T-normInt, J. Mach. Learn. & Cyber, 2017, @2017

1342. Singh, P., A brief review of modeling approaches based on fuzzy time series, Int. J. Mach. Learn. & Cyber, 2017, @2017

1343. De Oliveira, Fernando Moraes, Reconhecimento de padrão em pacientes com esclerose sistêmica por sistemas fuzzy, PhD theis, Instituto Alberto Luiz Coimbra, Rio de Janeiro, Brasil, 2017., @2017

1344. Farhadinia, B. & Xu, Z., Distance and Aggregation-Based Methodologies for Hesitant Fuzzy Decision Making, Cognitive Computation, February, Volume 9, Issue 1, pp 81–94, 2017, @2017

1345. Szmídt E., Kacprzyk J., A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets. In: Torra V., Dahlbom A., Narukawa Y. (eds) Fuzzy Sets, Rough Sets, Multisets and Clustering. Studies in Computational Intelligence, vol 671. Springer, Cham, 2017, @2017

1346. Broumi, S., M. Talea, A. Bakali, F. Smarandache, P. K K. Kumar, Shortest path problem on single valued neutrosophic graphs, 2017 International Symposium on Networks, Computers and Communications (ISNCC), 16-18 May 2017, 10.1109/ISNCC.2017.8071993., @2017

1347. Gong, Z. & Zhang, X., The further investigation of variable precision intuitionistic fuzzy rough set model, International Journal of Machine Learning and Cybernetics, October 2017, Volume 8, Issue 5, pp 1565–1584, 2017., @2017

1348. Sirbiladze, G., O. Badagadze, Intuitionistic Fuzzy Probabilistic Aggregation Operators Based on the Choquet Integral: Application in Multicriteria Decision-Making, International Journal of Information Technology & Decision Making, Volume 16, Issue 01, January 2017., @2017

1349. Angelova, N., M. Stoenchev, V. Todorov, Intuitionistic fuzzy conjunctions and disjunctions from second type, Issues in IFSs and GNs, Vol. 13, 2017, 143–170, @2017

1350. Kulczycki P., Kruszewski D. (2017) Detection of atypical elements with fuzzy and intuitionistic fuzzy evaluations. In: Mitkowski W., Kacprzyk J., Oprędkiewicz K., Skruch P. (eds) Trends in Advanced Intelligent Control, Optimization and Automation. KKA 2017. Advances in Intelligent Systems and Computing, vol 577. Springer, Cham, @2017

1351. Milošević, P., B. Petrović, V. Jeremić, IFS-IBA similarity measure in machine learning algorithms, Expert Systems with Applications, Volume 89, 15 December 2017, Pages 296-305., @2017

1352. Hai-Ping Ren, H. Chen, W. Deng, F. Li, A MAGDM Method Considering the Amount and Reliability Information of Interval-Valued Intuitionistic Fuzzy Sets, International Journal of Fuzzy Systems, June 2017, Volume 19, Issue 3, pp 715–725, @2017

1353. Kridlo, O., M. Ojeda-Aciego, Extending formal concept analysis using intuitionistic I-fuzzy sets, 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), Naples, Italy, 10.1109/FUZZ-IEEE.2017.8015570, 2017., @2017

1354. Mehlawat, M.K., N. Grover, Intuitionistic fuzzy multi-criteria group decision making with an application to critical path selection, Annals of Operations Research, <https://doi.org/10.1007/s10479-017-2477-4>, 2017., @2017

1355. Samina, A., N. Sumera, R. Hossein, M. Aslam, Regularity of graphs in single valued neutrosophic environment, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 1, pp. 529-542, 2017., @2017

1356. Rajkumar Verma, Hesitant interval-valued fuzzy sets: some new results, International Journal of Machine Learning and Cybernetics, June 2017, Volume 8, Issue 3, pp 865–876, @2017

1357. Shing-Chung Ngan, A unified representation of intuitionistic fuzzy sets, hesitant fuzzy sets and generalized hesitant fuzzy sets based on their u-maps, Expert Systems with Applications, Volume 69, 1 March 2017, Pages 257-276., @2017

1358. Mezzomo, I., B. C. Bedregal, R. H. S. Reiser, Natural n-dimensional fuzzy negations for n-dimensional t-norms and t-conorms, 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), Naples, Italy, 10.1109/FUZZ-IEEE.2017.8015506, 2017., @2017

1359. Hájek, P., V. Olej, Intuitionistic neuro-fuzzy network with evolutionary adaptation, Evolving Systems, March 2017, Volume 8, Issue 1, pp 35–47, @2017

1360. Karunambigai, M.G., M. Akram, S. Sivasankar, K. Palanive, Clustering Algorithm for Intuitionistic Fuzzy Graphs, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, Volume 25, Issue 03, June 2017., @2017
1361. Apil, U.A., R. Saifura, D. Bijanb, On intuitionistic fuzzy idempotent, prime, strongly irreducible and t-pure ideals of semirings, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 1, pp. 433-443, 2017., @2017
1362. Zhao, J., Chih-Min Lin, An Interval-Valued Fuzzy Cerebellar Model Neural Network Based on Intuitionistic Fuzzy Sets, *International Journal of Fuzzy Systems*, June 2017, Volume 19, Issue 3, pp 881–894, @2017
1363. Kridlo, O., M. Ojeda-Aciego, Towards intuitionistic L-fuzzy formal t-concepts, *Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems (IFSA-SCIS)*, 27-30 June 2017., @2017
1364. Krzysztof, P., Some remarks on axiomatic definition of entropy measure, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 3, pp. 1945-1952, 2017., @2017
1365. Si, A., S. Das, intuitionistic Multi-fuzzy Convolution Operator and Its Application in Decision Making. In: Mandal J., Dutta P., Mukhopadhyay S. (eds) *Computational Intelligence, Communications, and Business Analytics. CICBA 2017. Communications in Computer and Information Science*, vol 776. Springer, Singapore, 2017., @2017
1366. Atalay, K.D., G.F. Can, A new hybrid intuitionistic approach for new product selection , *Soft Comput* (2017). <https://doi.org/10.1007/s00500-017-2517-7>, 2017., @2017
1367. Changlin, Xu, Improvement of the distance between intuitionistic fuzzy sets and its applications, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 3, pp. 1563-1575, 2017., @2017
1368. Fengxiao, W., Interval-valued intuitionistic fuzzy ideals of B-algebras, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 4, pp. 2609-2615, 2017., @2017
1369. Zehua, L., W. Fuyi, The logarithmic operational laws of intuitionistic fuzzy sets and intuitionistic fuzzy numbers, *Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 6, pp. 3241-3253, 2017., @2017
1370. Joshi R., S. Kumar S., A New Intuitionistic Fuzzy Entropy of Order- $\alpha$  with Applications in Multiple Attribute Decision Making. In: Deep K. et al. (eds) *Proceedings of Sixth International Conference on Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing*, vol 546. Springer, Singapore, 2017., @2017
1371. Cornejo M.E., D. Lobo, J. Medina, Selecting the Coherence Notion in Multi-adjoint Normal Logic Programming. In: Rojas I., Joya G., Catala A. (eds) *Advances in Computational Intelligence. IWANN 2017. Lecture Notes in Computer Science*, vol 10305. Springer, Cham, 2017., @2017
1372. Schuetze R., "Applied Fuzzy Management Methods for IT Service-Level-Management", Portmann E. (eds) *Wirtschaftsinformatik in Theorie und Praxis*. Springer Vieweg, Wiesbaden, 2017, @2017
1373. Deli, I., Şubaş, Y. "A ranking method of single valued neutrosophic numbers and its applications to multi-attribute decision making problems", *Int. J. Mach. Learn. & Cyber*, 2017., @2017
1374. Villarino, G., D. Gómez, J. Rodríguez, Improving Supervised Classification Algorithms by a Bipolar Knowledge Representation. In: Kacprzyk J., Szmjdt E., Zadrozny S., Atanassov K., Krawczak M. (eds) *Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, EUSFLAT 2017. Advances in Intelligent Systems and Computing*, vol 643. Springer, Cham, 2017., @2017
1375. Kahramana, C., S. Onara, S. Cebib, B.Oztaysi, Extension of information axiom from ordinary to intuitionistic fuzzy sets: An application to search algorithm selection, *Computers & Industrial Engineering*, Volume 105, March 2017, Pages 348–361, @2017
1376. Kahramana, C. , S. Cebib, S. Onara, B, Oztaysi, A novel trapezoidal intuitionistic fuzzy information axiom approach: An application to multicriteria landfill site selection, *Engineering Applications of Artificial Intelligence*, Volume 67, January 2018, Pages 157–172, @2017
1377. Das, S., S. Kar, T. Pal, Robust decision making using intuitionistic fuzzy numbers, *Granul. Comput*, 2: 41, 2017, @2017
1378. Singhal, N., S.P., Sharma, Availability Analysis of the Butter Oil Processing Plant Using Intuitionistic Fuzzy Differential Equations. In: Deep K. et al. (eds) *Proceedings of Sixth International Conference on Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing*, vol 546. Springer, Singapore, 2017., @2017
1379. Deng-Feng Li and Shu-Ping Wan, Minimum Weighted Minkowski Distance Power Models for Intuitionistic Fuzzy Madm with Incomplete Weight Informationl, *nt. J. Info. Tech. Dec. Mak.* 16, 138, 2017, @2017
1380. Gou, Xunjie, and Zeshui Xu. "Exponential operations for intuitionistic fuzzy numbers and interval numbers in multi-attribute decision making." *Fuzzy Optimization and Decision Making* 16, no. 2 (2017): 183-204., @2017
1381. Atanassova, V., New Modified Level Operator Ny Over Intuitionistic Fuzzy Sets. In: Christiansen H., Jaudoin H., Chountas P., Andreasen T., Legind Larsen H. (eds) *Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science*, vol 10333. Springer, Cham, 2017, @2017
1382. Wu, WZ., Shao, MW., Wang, X, Using single axioms to characterize (S, T)-intuitionistic fuzzy rough approximation operators, *Int. J. Mach. Learn. & Cyber*, 2017., @2017
1383. Hao, Z., Z. Xu, H. Zhao, R. Zhang, Novel intuitionistic fuzzy decision making models in the framework of decision field theory, • *Information Fusion*, Volume 33, January 2017, Pages 57–70, 2017., @2017
1384. Liu, F., W. Pedrycz, Z. Wang, W. Zhang , An axiomatic approach to approximation-consistency of triangular fuzzy reciprocal preference relations, • *Fuzzy Sets and Systems*, Volume 322, 1 September 2017, Pages 1–1, 2017., @2017
1385. Zhang, X., D. Chen, C. Tsang, Generalized dominance rough set models for the dominance intuitionistic fuzzy information systems, *Information Sciences*, Volume 378, 1 February 2017, Pages 1–25, 2017., @2017

1386. Kulczycki, P., D. Kruszewski, Identification of atypical elements by transforming task to supervised form with fuzzy and intuitionistic fuzzy evaluations, *Applied Soft Computing* Volume 60, November 2017, Pages 623–633., @2017
1387. Balkenende, D., R. Schüetze, A. Meier, An Intuitionistic Fuzzy Service Model: Use Case for Swiss Health Platform, *The Application of Fuzzy Logic for Managerial Decision Making Processes* pp 47-58, 2017, @2017
1388. Tooranloo, H., A. Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effect Analysis in Interval-Valued Intuitionistic Fuzzy Environment, *International Journal of Fuzzy Systems*, February 2017, Volume 19, Issue 1, pp 109–123, @2017
1389. Riečan, B., K. Samuelčík, On non-additive probability measures, *Mathematica Slovaca*, Volume 67, Issue 6, <https://doi.org/10.1515/ms-2017-0071>, 2017., @2017
1390. Bureva, V., P. Yovcheva, S. Sotirov, Generalized Net Model of Fingerprint Recognition with Intuitionistic Fuzzy Evaluations. In: Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M. (eds) *Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, EUSFLAT 2017. Advances in Intelligent Systems and Computing*, vol 641. Springer, Cham, 2017., @2017
1391. Dogu, E., T. Gurbuz, A. Albayrak, Construction of Intuitionistic Fuzzy Cognitive Maps for Target Marketing Strategy Decisions. In: Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M. (eds) *Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, EUSFLAT 2017. Advances in Intelligent Systems and Computing*, vol 641. Springer, Cham, 2017., @2017
1392. Metzger, O., T. Spengler, Subjektiver Erwartungsnutzen und intuitionistische Fuzzy-Werte. In: Spengler T., Fichtner W., Geiger M., Rommelfanger H., Metzger O. (eds) *Entscheidungsunterstützung in Theorie und Praxis*. Springer Gabler, Wiesbaden, 2017., @2017
1393. Bartková, R., K. Čunderlíková, About Fisher-Tippett-Gnedenko Theorem for Intuitionistic Fuzzy Events. In: Kacprzyk J., Szmidt E., Zadrożny S., Atanassov K., Krawczak M. (eds) *Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, EUSFLAT 2017. Advances in Intelligent Systems and Computing*, vol 641. Springer, Cham, 2017., @2017
1394. Feride Tuğrul, Muhammed Gezeran and Mehmet Çitil. Application of intuitionistic fuzzy sets in high school determination via normalized Euclidean distance method. "Notes on IFS", Volume 23, 2017, Number 1, pages 42–47, @2017
1395. Oscar Castillo, Eduardo Ramirez and Olympia Roeva. Water cycle algorithm augmentation with fuzzy and intuitionistic fuzzy dynamic adaptation of parameters. "Notes on IFS", Volume 23, 2017, Number 1, pages 79–94, @2017
1396. Michalíková, A., Beloslav Riečan. On the Lebesgue IF-measure. "Notes on IFS", Volume 23, 2017, Number 2, pages 8–12, @2017
1397. Tarsuslu (Yılmaz), Sinem and Yelda Yorulmaz. H-Intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 17–23, @2017
1398. Çuvalcıoğlu, G., M. Çitil, E. Demirbaş. On intuitionistic fuzzy hyperstructure with T-norm. "Notes on IFS", Volume 23, 2017, Number 2, pages 24–31, @2017
1399. Tsvetkov, R. Gromov products and sums on intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 32–36, @2017
1400. El Allaoui, A., S. Melliani, Y. Allaoui and L. S. Chadli. Averaging of intuitionistic fuzzy differential equations. "Notes on IFS", Volume 23, 2017, Number 2, pages 44–54, @2017
1401. El Allaoui, A., S. Melliani and L. S. Chadli. Complex intuitionistic fuzzy evolution equations. "Notes on IFS", Volume 23, 2017, Number 2, pages 55–68, @2017
1402. R. Parvathi, C. Yuvapriya and N. Maragatham. An application of intuitionistic fuzzy directed hypergraph in molecular structure representation. "Notes on IFS", Volume 23, 2017, Number 2, pages 69–78, @2017
1403. Patricia Melin, Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95–102, @2017
1404. Zaharieva, Bistra, Lyubka Doukovska, Simeon Ribagin and Irina Radeva. InterCriteria approach to Behterev's disease analysis. "Notes on IFS", Volume 23, 2017, Number 2, pages 119–127, @2017
1405. Riečan, B., D. Markechová.  $\varphi$ -entropy of IF-partitions. "Notes on IFS", Volume 23, 2017, Number 3, pages 9–16, @2017
1406. Kluvancová, D. Non-additive IF-states. "Notes on IFS", Volume 23, 2017, Number 3, pages 23–29, @2017
1407. Považan, J. Kurzweil–Henstock integral for IF-functions. "Notes on IFS", Volume 23, 2017, Number 3, pages 30–43, @2017
1408. Čunderlíková, K. Intuitionistic fuzzy partition. "Notes on IFS", Volume 23, 2017, Number 3, pages 44–53, @2017
1409. Bistra Zaharieva, Lyubka Doukovska, Simeon Ribagin, Alžbeta Michalíková and Irina Radeva. InterCriteria Analysis of Behterev's kinesitherapy program. "Notes on IFS", Volume 23, 2017, Number 3, pages 69–80, @2017
1410. Tarsuslu (Yılmaz), S., G. Çuvalcıoğlu and Y. Yorulmaz. Relations between some IF modal operators and IF negations. "Notes on IFS", Volume 23, 2017, Number 4, pages 31–39, @2017
1411. Ettoussi, R., S. Melliani and L. S. Chadli. Differential equation with intuitionistic fuzzy parameters. "Notes on IFS", Volume 23, 2017, Number 4, pages 46–61, @2017
1412. Tarsuslu (Yılmaz), S., M. Çitil, E. Demirbaş and M. Aydın. Some modal operators with intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 20–28, @2017

1413. Angelova, N. and M. Stoenchev. Intuitionistic fuzzy conjunctions and disjunctions from third type. "Notes on IFS", Volume 23, 2017, Number 5, pages 29—41, @2017
1414. El Allaoui, A., S. Melliani and L. S. Chadli. Representation of complex grades of membership and non-membership for a complex intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 51—60, @2017
1415. Sharma, P. K. Exact sequence of intuitionistic fuzzy G-modules. "Notes on IFS", Volume 23, 2017, Number 5, pages 66—84, @2017
1416. Aggarwal, A., A. Mehra, S. Chandra and I. Khan, Solving I-fuzzy number linear programming problems via Tanaka and Asai approach. "Notes on IFS", Volume 23, 2017, Number 5, pages 85—101, @2017
1417. Jeny Jordon, A., and T. Rajaretnam. Cartesian composition of intuitionistic fuzzy finite automata with unique membership transition on an input symbol. "Notes on IFS", Volume 23, 2017, Number 5, pages 102—111, @2017
65. Dimitrova N.A., **Dimitrov A.G.**, Dimitrov G.V.. Calculation of extracellular potentials produced by inclined muscle fibres at a rectangular plate electrode. Med. Eng. & Phys., 21, 1999, 583-588. SJR:0.673, ISI IF:1.825
- Lumupa ce e:
1418. Mordhorst, M., et al. "POD-DEIM Reduction of Computational EMG Models." Journal of Computational Science, vol. 19, Elsevier BV, Mar. 2017, pp. 86–96. Crossref, doi:10.1016/j.jocs.2017.01.009., @2017
1419. Maitra Ghosh, Diptasree, et al. "A Computational Model to Investigate the Effect of Pennation Angle on Surface Electromyogram of Tibialis Anterior." PLOS ONE, edited by Yingchun Zhang, vol. 12, no. 12, Public Library of Science (PLoS), Dec. 2017, p. e0189036. Crossref, doi:10.1371/journal.pone.0189036., @2017
66. Siggelkow S., **Kossev A.**, Schubert M., Kappels H.-H., Wolf W., Dengler R.. Modulation of motor evoked potentials by muscle vibration: the role of vibration frequency.. Muscle & Nerve, 22, 1999, ISSN:0148639X, 1544-1548. ISI IF:1.898
- Lumupa ce e:
1420. Camerota F, Celletti C, De Sipio E, De Fino C, Simbolotti C, Germanotta M, Mirabella M, Padua L, Nociti V (2017) J Neurological Sciences, 372: 33-39., @2017
1421. Souron R, Besson T, Millet GY, Lapole T (2017) Eur. J. Appl. Physiol., 117(10): 1939-1964., @2017
1422. Ibey R (2017) Factors influencing bilateral interactions in the human motor cortex: investigating transcallosal sensorimotor networks., University of Waterloo, Canada (Thesis), @2017
1423. Nardone R, Golaszewski S, Christova M, Gallasch E, Brigo F, Trinka E (2017) Journal of the Neurological Sciences, .375:486-487., @2017
67. **Kossev A.**, Siggelkow S., Schubert M., Wohlfarth K., Dengler R.. Muscle vibraation: different effects on transcranial magnetic and electrical stimulation.. Muscle & Nerve, 22, 1999, ISSN:0148639X, 946-948. ISI IF:1.898
- Lumupa ce e:
1424. Serrão R J T (2017) Efeito de uma sessão de treinamento com haste oscilatória na ativação dos músculos estabilizadores da escápula em indivíduos assintomáticos com e sem discinese escapular., UNIVERSIDADE FEDERAL DE UBERLÂNDIA, Brasil (Thesis), @2017
1425. Souron R, Farabet A, Féasson L, Belli A, Millet GY, Lapole T (2017) J Appl Physiol, 122: 1504–1515., @2017
1426. Souron R, Besson T, Millet GY, Lapole T (2017) Eur. J. Appl. Physiol., 117(10): 1939-1964., @2017
1427. VojinovicTJ, Zivanovic A, CarlsonT, Loureiro RCV (2017) "VIBROfocus: Design of a focal vibro-tactile robotic-assistive system for spasticity rehabilitation, " International Conference on Rehabilitation Robotics (ICORR), London, United Kingdom, 2017, pp. 783-788., @2017
1428. Ibey R (2017) Factors influencing bilateral interactions in the human motor cortex: investigating transcallosal sensorimotor networks., University of Waterloo, Canada (Thesis), @2017
68. **Atanassov, Krassimir**, Kreinovich, Vladik. Intuitionistic fuzzy interpretation of intetrvl data. Notes on Intuitionistic Fuzzy Sets, 5, 1, 1999, 1-8
- Lumupa ce e:
1429. Vaithiyalingam, K. Weakly pi-generalized closed in an intuitionistic fuzzy topological space. PhD theis, Post Graduate and Research Department of Mathematics, SRI Vasavi College, Erode, India, 2017., @2017
69. Ishpekova B., Milanov Iv., **Christova L.G.**, **Alexandrov A.S.**. Comparative analysis between Duchenne and Backer types muscular dystrophy. Electromyography and Clinical Neurophysiology. vol 39. №5, 315-318, 1999.. 391998, 1999, 4

Lumupa ce e:

1430. Nojszewska M, Gawel M, Szmidt-Salkowska E, Kostera-Pruszczyk A, Potulska-Chromik A, Lusakowska A, Kierdaszuk B, Lipowska M, Macias A, Gawel D, Seroka A, Kaminska AM. Abnormal spontaneous activity in primary myopathic disorders. *Muscle Nerve*. Volume 56, Issue 3; September 2017; Pages 427–4321, 2017., @2017
1431. Kornegay JN. The golden retriever model of Duchenne muscular dystrophy. *Skelet Muscle*. 2017 May 19;7(1):9. doi: 10.1186/s13395-017-0124-z., @2017

70. Daskalov I, **Christov I**. Electrocardiogram signal preprocessing for automatic detection of QRS boundaries. *Medical Engineering & Physics*, 21, 1, 1999, 37-44. SJR:2.11, ISI IF:1.8

Lumupa ce e:

1432. Chia NG, Hau YW, Jamaludin MN (2017) Robust arrhythmia classifier using wavelet transform and support vector machine classification. *Int. Colloquium on Signal Processing & its Applications*, 10-12 March, Penang, Malaysia, pp. 243-248., @2017
1433. Andrysiak T (2017) Sparse representation based anomalies detection in electrocardiography signals. *Int. Joint Conf. SOCO'17-CISIS'17-ICEUTE'17* León, Spain, September 6–8, pp. 428-438, Springer, Cham, [https://link.springer.com/chapter/10.1007/978-3-319-67180-2\\_42](https://link.springer.com/chapter/10.1007/978-3-319-67180-2_42), @2017

71. **Angelova, M., Hristova, N., Tsoneva, I.** DNA-induced endocytosis upon local microinjection to giant unilamellar cationic vesicles. *Eur. Biophys. J.*, 28, 142-150, 1999, ISSN:ISSN 0175-7571, 142-150. ISI IF:1.95

Lumupa ce e:

1434. MP Rols, "Molecular Transmembrane Transport with Giant Unilamellar Vesicles (GUVs)" - *Handbook of Electroporation*, 2017 - Springer, @2017
1435. V Georgiev, "Light-induced transformations in biomembranes" - [publishup.uni-potsdam.de](http://publishup.uni-potsdam.de), @2017
1436. Hannah Stein, Susann Spindler, Navid Bonakdar, Chun Wang, Vahid Sandoghdar, "Production of Isolated Giant Unilamellar Vesicles under High Salt" *Front Physiol*. 2017; 8: 63. Feb 13. doi: 10.3389/fphys.2017.00063 PMID: PMC5303729, @2017

72. **Angelova, M., Tsoneva, I.** Interactions of DNA with giant liposomes. *Chem. Phys. Lipids*, 101, 1, 1999, ISSN:ISSN: 0009-3084, 123-137. ISI IF:1.266

Lumupa ce e:

1437. IY Hasan, A Mechler, "Analytical approaches to study domain formation in biomimetic membranes" *Analyst*, issue 17, 2017, @2017
1438. C Acosta-Andrade, I Artetxe, MG Lete, "Polyamine-RNA-membrane interactions: From the past to the future in biology", *Colloids and Surfaces B, Colloids and Surfaces B: Biointerfaces* Volume 155, 1 July 2017, Pages 173-181, @2017

73. Ivanov, I.T., **Todorova, R**, Zlatanov, I. Spectrofluorimetric and microcalorimetric study of the thermal poration event relevant to the mechanism of thermohaemolysis.. *Int.J. Hyperthermia*, 15, 1, Informa Healthcare, United Kingdom, 1999, ISSN:1464-5157, 0265-6736, DOI:DOI: 10.1080/026567399285837, 29-43. SJR:0.96, ISI IF:2.645

Lumupa ce e:

1439. Patil S and Raj AT (2017) Commentary: Molecular Machines Open Cell Membranes. *Front. Oncol*. 7:277. doi: 10.3389/fonc.2017.00277, @2017
1440. García-López V, Chen F, Nilewski LG, Duret G, Aliyan A, Kolomeisky AB, Robinson JT, Wang G, Pal R, Tour JM. Molecular machines open cell membranes. *Nature*. 2017 Aug 30;548(7669):567-572. doi: 10.1038/nature23657., @2017

74. **Christov I**, Daskalov I. Filtering of electromyogram artifacts from the electrocardiogram. *Medical Engineering & Physics*, 21, 10, 1999, 731-736. SJR:2.05, ISI IF:1.82

Lumupa ce e:

1441. Sbrollini A, Agostinelli A, Morettini M, Verdini F, Di Nardo F, Fioretti S, Burattini L (2017) Separation of superimposed electrocardiographic and electromyographic signals. *European Medical and Biological Engineering Conference & Nordic-Baltic Conference on Biomedical Engineering and Medical Physics*, 11-15 June, Tampere, Finland, pp. 518-521, [https://link.springer.com/chapter/10.1007/978-981-10-5122-7\\_130](https://link.springer.com/chapter/10.1007/978-981-10-5122-7_130), @2017
1442. Ghaleb FA, Kamat M, Salleh M, Rohani MF, Hadji SE (2017) Motion artifact reduction algorithm using sequential adaptive noise filters and estimation methods for mobile ECG. *Int. Conf. of Reliable Information and*

1443. Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. Радиоелектронні і комп'ютерні системи, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf>., @2017
1444. Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. Int. J. of Bioautomation, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017
1445. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114, @2017
1446. Marouf M, Saranovac L, Vukomanovic G (2017) Algorithm for EMG noise level approximation in ECG signals. Biomedical Signal Processing and Control, 34, pp. 158-165, <http://www.sciencedirect.com/science/article/pii/S1746809417300289>, @2017
1447. Тулякова Н, Трофимчук А, Стрижак А (2017) Адаптивные алгоритмы устранения электромиографического шума в сигнале электрокардиограммы. Радиотехника, 188, стр. 70–78, ISSN: 0485-8972., @2017
1448. Amindavar H, Naraghi F (2017) Wavelet-based variational Bayesian ECG denoising. Int. Conf on Pattern Recognition and Image Analysis, 19-20 April, Shahrekord, Iran, pp. 7-12, <http://ieeexplore.ieee.org/abstract/document/7983028/references?ctx=references>, @2017

75. Daskalov I, **Christov I.** Automatic detection of the electrocardiogram T-wave end. medical & biological engineering & computing, 37, 1999, 348-353. SJR:2.02, ISI IF:1.72

Lumupa ce e:

1449. İşcan M, Yılmaz C (2017) QT zaman aralığının gauss karışım modeli ve yapay sinir ağı tabanlı tespiti. Omer Halisdemir University Journal of Engineering Sciences, 6, (2), pp. 752-762, @2017

76. **Raikova , R.** About weight factors in the non-linear objective functions used for solving indeterminate problems in biomechanics. Journal of Biomechanics, 32, Elsevier, 1999, 689-694. ISI IF:2.784

Lumupa ce e:

1450. Xu X., Lin J-h., McGorry R.W. An entropy-assisted musculoskeletal shoulder model. Journal of Electromyography and Kinesiology, April 2017, Volume 33, Pages 103–110, [http://www.jelectromyographykinesiology.com/article/S1050-6411\(16\)30192-4/references](http://www.jelectromyographykinesiology.com/article/S1050-6411(16)30192-4/references), @2017
1451. Eskes M., Balm A.J.M., Alphen M.J.A. , Smeel L.E., Stavness I., van der Heijden F., EMG-assisted inverse modelling of 3D lip movement: a feasibility study towards person-specific modelling, Scientific Reports 7, 2017, Article number: 17729, @2017

---

## 2000

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77. Angelov B., **Mladenov I.** On the Geometry of Red Blood Cell. Geom. Integrability & Quantization, 1, 2000, 27-46

Lumupa ce e:

1452. Pandian N. and Ananthasuresh G., Struct. Multidisc. Optim. DOI 10.1007/s00158-017-1716-2., @2017
1453. Flormann D., {tit Physical Characterization of Red Blood Cell Aggregation}, PhD Thesis (2017), @2017
1454. Kang M.-Y., Guénard H. and Sapoval B., Phys. Rev. Let., 119 (2017) 078101 (5pp)., @2017
1455. Miermans C., Kusters R., Hoogenraad C., Storm C., PLOS ONE, DOI:10.1371/journal.pone.0170113, 2017., @2017

78. **Hadjitodorov, S, B. Boyanov, B. Teston.** Laryngeal pathology detection by means of class-specific neural maps. IEEE Trans.on Information Technology in Biomedicine, 4, 1, IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 2000, ISSN:1089-7771, DOI:10.1109/4233.826861, 68-73. SJR:1.542, ISI IF:1.542

Lumupa ce e:

- 1456.** P Deshpande, MS Manikandan .Effective Glottal Instant Detection and Electroglottographic Parameter Extraction for Automated Voice Pathology Assessment, IEEE Journal of Biomedical and Health Informatics, Vol. PP, Issue: 99, pp.1-1, January 2017, Print ISSN: 2168-2194 , Online ISSN: 2168-2208, DOI: 10.1109/JBHI.2017.2654683, , @2017
- 1457.** Daria Hemmerling. Voice Pathology Distinction Using Autoassociative Neural Networks, Proc. 25th European Signal Processing Conference (EUSIPCO), 2017, pp.1894- 1897, ISBN 978-0-9928626-7-1, , @2017
- 1458.** Everthon Silva Fonseca, Denis César Mosconi Pereira, Luís Fernando Castilho Maschi, Rodrigo Capobianco Guido, Everthon Silva Fonseca, Katia Cristina Silva Paulo. Linear prediction and discrete wavelet transform to identify pathology in voice signals, Proc. Signal Processing Symposium (SPSymo), 12-14 Sept. 2017, Jachranka, Poland, Electronic ISBN: 978-1-5090-6755-8 , USB ISBN: 978-1-5090-6754-1 , Print on Demand(PoD) ISBN: 978-1-5090-6756-5, DOI: 10.1109/SPS.2017.8053638, @2017
- 79. Atanassov, K.** Generalized Net Models of Special Abstract Processes. Proceedings of the Conference "Bioprocess systems'2000", 11– 13 September, 2000, I.4-I.10  
*Lumupa ce e:*
- 1459.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
- 80. Vladkova, R.** Chlorophyll a self-assembly in polar solvent-water mixtures.. Photochemistry and Photobiology, 71, 1, 2000, DOI:10.1562/0031-8655(2000)0710071CASAIP2.0.CO2, 71-83. ISI IF:2.266  
*Lumupa ce e:*
- 1460.** Bhattacharya A, Raja SO, Ahmed MA, Bandyopadhyay S, Dasgupta AK (2017) Magnetic properties of photosynthetic materials - a nano scale study arXiv preprint arXiv:1706.08861, @2017
- 1461.** Levenberg A, Shafiei G, Lujan MA, Giannacopoulos S, Picorel R, Zazubovich V (2017) Probing Energy Landscapes of Cytochrome b6f with Spectral Hole Burning: Effects of Deuterated Solvent and Detergent. J Phys Chem B 121(42) 9848-9858, DOI: 10.1021/acs.jpcc.7b07686, @2017
- 1462.** Лобанов АВ (2017) Молекулярная агрегация и фотохимические свойства тетрапирролов в многокомпонентных системах, Голяма дисертация, Институт Химической Физики им. Н.Н. Семенова РАН, Москва, @2017
- 1463.** Meneghin E (2017) Coherent multidimensional electronic spectroscopy: from bioinspired to biological systems. [Ph.D. thesis], Università degli Studi di Padova Dipartimento di Scienze Chimiche, Padova, Italy, pp.171, @2017
- 1464.** Petrović S, Zvezdanović J, Marković D (2017) Chlorophyll degradation in aqueous mediums induced by light and UV-B irradiation: an UHPLC-ESI-MS study, Radiation Physics and Chemistry 141:8-16., @2017
- 1465.** Borah KD, Singh NG, J Bhuyan J (2017) Magnesium Trimethoxyphenyl-porphyrin Chain Controls Energy Dissipation in the presence of Cholesterol, J. Chem. Sci. 129(4): 449-455. DOI 10.1007/s12039-017-1251-0, @2017
- 81. Jekova I.** Comparison of five algorithms for the detection of ventricular fibrillation from the surface ECG. Physiological Measurement, 21, 2000, 429-439. ISI IF:1.808  
*Lumupa ce e:*
- 1466.** Lih OS, Hagiwara Y, Adam M, Sudarshan VK, Koh JE, Hong TJ, Chua CK, San TR, Ng EYK, 2017, "Shockable versus nonshockable life-threatening ventricular arrhythmias using DWT and nonlinear features of ECG signals", Journal of Mechanics in Medicine and Biology, Vol. 17(7), 1740004 (24 pages), DOI: 10.1142/S0219519417400048, ISSN: 0219-5194, http://www.worldscientific.com/doi/pdf/10.1142/S0219519417400048 ; N30., @2017
- 82. Atanassov, K. T.** Two theorems for intuitionistic fuzzy sets. Fuzzy Sets and Systems, 110, 2, Elsevier, 2000, 267-269. ISI IF:1.986  
*Lumupa ce e:*
- 1467.** Lu, M., G Wei, FE Alsaadi, T Hayat, Alsaedi A, Hesitant pythagorean fuzzy hamacher aggregation operators and their application to multiple attribute decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 2, pp. 1105-1117, 2017. DOI: 10.3233/JIFS-16554, @2017
- 1468.** Lu, M., G Wei, FE Alsaadi, T Hayat, A Alsaedi, Bipolar 2-tuple linguistic aggregation operators in multiple attribute decision making, Journal of Intelligent & Fuzzy Systems, vol. 33, no. 2, pp. 1197-1207, 2017. DOI: 10.3233/JIFS-16946, @2017
- 1469.** Wang, J., Q Chen, H Zhang, X Chen, J Wang, Multi-criteria decision-making method based on type-2 fuzzy sets, Filomat, Vol. 31, No. 2, pp. 431-450, 2017., @2017
- 1470.** Ren, Z., C Wei, A multi-attribute decision-making method with prioritization relationship and dual hesitant fuzzy decision information, International Journal of Machine Learning and Cybernetics, Volume 8, Issue 3, pp 755–763, 2017., @2017
- 1471.** Rahman, K., MSA Khan, M Ullah, A Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, The Nucleus, Vol. 54, No 1, pp 66-74, 2017, @2017

1472. Wu, XH, JQ Wang, CROSS-ENTROPY MEASURES OF MULTIVALUED NEUTROSOPHIC SETS AND ITS APPLICATION IN SELECTING MIDDLE-LEVEL MANAGER, International Journal for Uncertainty Quantification, Vol. 7, Issue 02, pages 155-176, 2017. DOI: 10.1615/Int.J.UncertaintyQuantification.2017019440, @2017
1473. SJ Wu, GW Wei, Pythagorean fuzzy Hamacher aggregation operators and their application to multiple attribute decision making, International Journal of Knowledge-based and Intelligent Engineering Systems, vol. 21, no. 3, pp. 189-201, 2017. DOI: 10.3233/KES-170363, @2017
1474. Gitinavard, H., SM Mousavi, B Vahdani, Soft computing-based new interval-valued hesitant fuzzy multi-criteria group assessment method with last aggregation to industrial decision problems, Soft Computing, Volume 21, Issue 12, pp 3247–3265, 2017., @2017
1475. Ohlan, A., Similarity Measures on Intuitionistic Fuzzy Sets, Abstract and Applied Analysis, 2017, @2017
1476. Dey, S., Intuitionistic Fuzzy Multi-Objective Structural Optimization using Non-linear Membership Functions, International Journal of Computer & Organization Trends (IJCOT), Volume 41, Number 1, pp 14-20, 2017., @2017
1477. Rahman, K., A Ali, M Shakeel, MSA Khan, M Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, The Nucleus, Vol. 54, No 3, pp 190-196, 2017., @2017
1478. Sun, XP, Research on the nitrogen use efficiency evaluation of different rice genotypes with intuitionistic fuzzy information, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 3, pp. 1745-1751, 2017. DOI: 10.3233/JIFS-152242, @2017
1479. Jiang, F., Q Ma, Multi-attribute group decision making under probabilistic hesitant fuzzy environment with application to evaluate the transformation efficiency, Applied Intelligence, pp 1-13, 2017., @2017
1480. Tlig, H., A Rebai, A TOPSIS method based on intuitionistic fuzzy values: a case study of North African airports, Management Science Letters, Volume 7 Issue 7 pp. 351-358, 2017. DOI: 10.5267/j.msl.2017.4.002, @2017
1481. Jana, B., SN Mohanty, An Intuitionistic Fuzzy Logic Models for Multicriteria Decision Making Under Uncertainty, Journal of The Institution of Engineers (India): Series C, Volume 98, Issue 2, pp 197–201, 2017., @2017
1482. Tooranloo, HS, AS Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effect Analysis in Interval-Valued Intuitionistic Fuzzy Environment, International Journal of Fuzzy Systems, Volume 19, Issue 1, pp 109–123, 2017., @2017
1483. Li, H., M Zhao, Y Li, G Hao, Rank to intuitionistic fuzzy sets based on graphical geometric solution, Control And Decision Conference (CCDC), 2017 29th Chinese, INSPEC Accession Number: 17041910, 2017. DOI: 10.1109/CCDC.2017.7979477, @2017
1484. Liu, J., N Zhou, LH Zhuang, N Li, FF Jin, Interval-Valued Hesitant Fuzzy Multiattribute Group Decision Making Based on Improved Hamacher Aggregation Operators and Continuous Entropy, Mathematical Problems in Engineering, Volume 2017, Article ID 2931482, 20 pages, 2017., @2017
1485. Shapique, M., Solutions to Fuzzy Differential Equations using Pentagonal Intuitionistic Fuzzy Numbers, MAYFEB Journal of Mathematics, Vol 2, pp 8-20, 2017. ISSN 2371-6193, @2017
1486. Jin, F., Z Ni, L Pei, H Chen, Y Li, X Zhu, L Ni, A decision support model for group decision making with intuitionistic fuzzy linguistic preferences relations, Neural Computing and Applications, pp 1-22, 2017., @2017
83. Tomov, T., Tsoneva, I.,.. Are the stainless steel electrodes inert?. Bioelectrochemistry and Bioenergetics, 51, 2, 2000, ISSN:ISSN: 1567-5394, 207-209. ISI IF:1.052  
Lumupa ce e:  
 1487. VS Robinson, AL Garner, AM Loveless... "Calculated plasma membrane voltage induced by applying electric pulses using capacitive coupling" - Biomedical Physics & Engineering Express, Volume 3, Number 2, @2017
84. Krasteva V, Cancell A, Daskalov I. Modelling transthoracic defibrillation waveforms. Journal of Medical Engineering and Technology, 24, 2, Taylor & Francis Group, 2000, ISSN:0309-1902, DOI:10.1080/030919000409320, 63-67. SJR:0.284, ISI IF:0.319  
Lumupa ce e:  
 1488. Gorbunov B, (2017), Study of the Impact of Rectangular Current Pulses on the Ten Tusscher-Panfilov Model of Human Ventricular Myocyte, Journal of Biomedical Science and Engineering, vol.10 (7), pp. 355-366, doi: 10.4236/jbise.2017.107027, http://file.scirp.org/pdf/JBiSE\_2017072015535908.pdf; N4., @2017
85. Mladenov I., Angelov B.. Deformations of Minimal Surfaces. Geom. Integrability & Quantization, 1, 2000, 163-174  
Lumupa ce e:  
 1489. LEE H., http://arxiv.org/abs/1702.06047v1, 2017, @2017

86. **Todorova, T.**, Nedev, K.. Effect of high concentration of sucrose on the enzymatic activity of alfa-chymotrypsin.. IUBMB Life, 49, Wiley, 2000, 491-496. ISI IF:3.141

Lumupa ce e:

1490. Mitsukawa, Y., et al., Enzymatic synthesis of 2'-O-methylribonucleosides with a nucleoside hydrolase family enzyme from Lactobacillus buchneri LBK78, J. Biosci. Bioeng., (2017), <http://dx.doi.org/10.1016/j.jbiosc.2017.01.005>, @2017

1491. Mitsukawa, Yuuki, et al. "New nucleoside hydrolase with transribosylation activity from Agromyces sp. MM-1 and its application for enzymatic synthesis of 2'-O-methylribonucleosides." Journal of Bioscience and Bioengineering (2017). J Biosci Bioeng. 2018 Jan;125(1):38-45. doi: 10.1016/j.jbiosc.2017.07.016. Epub 2017 Aug 18., @2017

87. Cseh, Z., Rajagopal, S., Tsonev, T., **Busheva, M.**, Papp, E., Garab, G.. Thermo-optic effect in chloroplast thylakoid membranes. Thermal and light stability of pigment arrays with different levels of structural complexity. Biochemistry, 39, 49, American Chemical Society, 2000, ISSN:0006-2960 (print), DOI:10.1021/bi001600d, 15250-15257. ISI IF:4.221

Lumupa ce e:

1492. Patty C.H. L., Visser L. J.J., Ariese F., Buma W. J., Sparks W. B., J.M. van Spanning R., Röling W. F.M., Snik F., Circular spectropolarimetric sensing of chiral photosystems in decaying leaves. J. Quantitative spectroscopy and radiative transfer, 189 (2017) 303-311., @2017

88. **Christov I.** Dynamic powerline interference subtraction from biosignals. 24, 4, 2000, 169-172

Lumupa ce e:

1493. Karhe RR, Kale SN (2017) ECG digitization by morphological Top-Hat transform. Int. Conf. on Recent Trends in Engineering and Science, 20, pp. 213-222, <https://pdfs.semanticscholar.org/4c53/535ce2c138c328d944>, @2017

1494. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

---

## 2001

---

89. **Atanassov, K.** Generalized Net Aspects of Systems Theory. Advanced Studies in Contemporary Mathematics, 4, 1, 2001, 73-92

Lumupa ce e:

1495. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

90. **Atanassov, K.**, Radeva, V.. On the Abstract Systems with Properties. Advanced Studies in Contemporary Mathematics, 4, 1, 2001

Lumupa ce e:

1496. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

91. Bortolan G, **Christov I.** Myocardial infarction and ischemia characterization from T-loop Morphology in VCG. Computers in Cardiology, 28, 2001, 633-636. SJR:0.396

Lumupa ce e:

1497. Ansari S, Farzaneh N, Duda M, Horan K, Andersson, HB (2017) A review of automated methods for detection of myocardial ischemia and infarction using electrocardiogram and electronic health record. IEEE Reviews in Biomedical Engineering, 10, pp. 264-298, <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8068216>, @2017

1498. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 page, @2017

1499. Tripathy RK, Dandapat S (2017) Detection of myocardial infarction from vectorcardiogram using relevance vector machine. Signal, Image and Video Processing, pp. 1-8, <http://link.springer.com/article/10.1007/s11760-017-1068->

92. **Stephanova DI.** Myelin as longitudinal conductor: a multi-layered model of the myelinated human motor nerve fibre. *Biol Cybern*, 84, Springer Link, 2001, ISSN:0340-1200, 301-308. ISI IF:1.713  
*Lumupa ce e:*  
 1500. Friede RL. (2017): A different understanding of myelin: A legacy, *Journal of Neuropathology & Experimental Neurology* 76(11): 981-982, nlx082, @2017
93. **Georgieva, O.** An Application of Generalized Nets for Modelling of Fed-batch Fermentation Process. *Proceedings of II-nd Int. Workshop on Generalized Nets*, 2001, 28-33  
*Lumupa ce e:*  
 1501. Zoteva D., M. Krawczak, *Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey*, *Issues in IFSS and GNs*, Vol. 13, 2017, 1-60., @2017
94. Wiese, M., **Pajeva, I.** Structure-activity relationships of multidrug resistance reversers. *Curr. Med. Chem*, 8, 2001, 685-713. ISI IF:5.76  
*Lumupa ce e:*  
 1502. I.N. Cruz, H.M. Coley, H.B. Kramer, T.K. Madhuri, N.A.M Safuwan, A.R. Angelino, M. Yang. Proteomics Analysis of Ovarian Cancer Cell Lines and Tissues Reveals Drug Resistance-associated Proteins. *CANCER GENOMICS & PROTEOMICS*, 14 (1):35-52; 10.21873/cgp.20017 JAN-FEB 2017, @2017  
 1503. Paterna, A; Kincses, A; Spengler, G; Mulhovo, S; Molnar, J; Ferreira, MJU. Dregamine and tabernaemontanine derivatives as ABCB1 modulators on resistant cancer cells. *EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY*, 128 247-257; 10.1016/j.ejmech.2017.01.044 MAR 10 2017, @2017
95. Christova P., **Kossev A.** Human motor unit recruitment and derecruitment during long lasting intermittent contractions.. *J. Electromyogr. Kinesiol.*, 11, 2001, ISSN:10506411, 189-196. ISI IF:1.145  
*Lumupa ce e:*  
 1504. Stock MS, Mota JA (2017) *Medical Engineering & Physics*, 50: 35-42., @2017
96. **Kossev A.**, Siggelkow S., Kappels, H.-H., Dengler R., Rollnik J.D.. Crossed effects of muscle vibration on motor-evoked potentials.. *Clin. Neurophysiol.*, 112, 2001, ISSN:13882457, 453-456. ISI IF:1.922  
*Lumupa ce e:*  
 1505. Liyanagamage SA, Bertucco M, Bhanpuri NH, Sanger TD (2017) *J Child Neurol.*, 32(2): 161-169., @2017  
 1506. Souron R, Farabet A, Féasson L, Belli A, Millet GY, Lapole T (2017) *J Appl Physiol*, 122: 1504–1515., @2017  
 1507. Pedro Peláez Maza (2017) Incrementado las señales corticales voluntarias con vibración local, In: *REN: READAPTACIÓN, ENTRENAMIENTO Y NEUROMECÁNICA*. (Blog dedicado a la divulgación de información científica sobre readaptación, entrenamiento y neuromecánica), @2017  
 1508. Wang S, Wang X, Wang T (2017) *Chinese Journal of Rehabilitation Medicine*, 32(3): 297-300., @2017  
 1509. Yang F, Munoz J, . Han L-z, Yang F (2017) *Journal of Biomechanics*, 57: 87-93., @2017  
 1510. Souron R, Besson T, Millet GY, Lapole T (2017) *Eur. J. Appl. Physiol.*, 117(10): 1939-1964., @2017  
 1511. Ibey R (2017) *Factors influencing bilateral interactions in the human motor cortex: investigating transcallosal sensorimotor networks.*, University of Waterloo, Canada (Thesis), @2017  
 1512. Costantino C, Galuppo L, Romiti D (2017) *Eur. J. Phys. & Rehabil. Medic.*, 53(1): 32-40., @2017
97. **Hadjitodorov, S.** An intuitionistic fuzzy version of the nearest prototype classification method, based on a moving-pattern procedure.. *Int. J. General Systems*, 30, 2, 2001, ISSN:Print ISSN: 0308-1079 Online ISSN: 1563-5104, 155-165. ISI IF:0.855

Lumupa ce e:

1513. Hamed Nikdel, Yahya Forghani , S. Mohammad Hosein Moattar. Increasing the speed of fuzzy k-nearest neighbours algorithm, Expert Systems. 2017, Version of Record online: 26 OCT 2017, DOI: 10.1111/exsy.12254, , @2017

98. Zaharieva, I., **Taneva, S.G.**, Goltsev, V.. Effect of temperature on the luminescent characteristics in leaves of Arabidopsis mutants with decreased unsaturation of the membrane lipids. Bulgarian Journal of Plant Physiology, 27, 3-4, 2001, ISSN:1310-4586, 3-19

Lumupa ce e:

1514. Supervised machine learning via Hidden Markov Models for accurate classification of plant stress levels & types based on imaged Chlorophyll fluorescence profiles & their rate of change in time Julie Sue Blumenthal, Dalila B. Megherbi, Robert Lussier Conference: 2017 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (CIVEMSA) DOI 10.1109/CIVEMSA.2017.7995328, @2017

99. **Raikova , R.**, Prilutsky, B.I.. Sensitivity of predicted muscle forces to parameters of the optimization-based human leg model revealed by analytical and numerical analyses. Journal of Biomechanics, 34, Elsevier, 2001, 1243-1255. ISI IF:2.784

Lumupa ce e:

1515. Florio C.S. Strength adaptations of the tibia bone for prescribed sets of isometric forces and joint angles, SIMULATION, 2017, doi: 10.1177/0037549717715108, <http://journals.sagepub.com/doi/pdf/10.1177/0037549717715108>, @2017

100. **Krasteva V**, Trendafilova E, Cancell A, Daskalov I. Assessment of balanced biphasic defibrillation waveforms in transthoracic atrial cardioversion. Journal of Medical Engineering and Technology, 25, 2, Taylor & Francis Group, 2001, ISSN:1464-522X, DOI:10.1080/03091900110038384, 68-73. SJR:0.284, ISI IF:0.527

Lumupa ce e:

1516. Schmidt AS, Lauridsen KG, Adelborg K, Torp P, Bach LF, Jepsen SM, Hornung N, Deakin CD, Rickers H, Løfgren B, (2017), Cardioversion Efficacy Using Pulsed Biphasic or Biphasic Truncated Exponential Waveforms: A Randomized Clinical Trial, Journal of the American Heart Association, vol. 6(3), e004853, pp.1-9, <https://doi.org/10.1161/JAHA.116.004853>, ISSN: 2047-9980; N8 ., @2017

101. **Krasteva V**, Cansell A, Daskalov I. Transthoracic defibrillation with chopping-modulated biphasic waveforms. Journal of Medical Engineering and Technology, 25, 4, Taylor & Francis Group, 2001, ISSN:1464-522X, DOI:10.1080/03091900110060776, 163-168. SJR:0.284, ISI IF:0.527

Lumupa ce e:

1517. Schmidt AS, Lauridsen KG, Adelborg K, Torp P, Bach LF, Jepsen SM, Hornung N, Deakin CD, Rickers H, Løfgren B, (2017), Cardioversion Efficacy Using Pulsed Biphasic or Biphasic Truncated Exponential Waveforms: A Randomized Clinical Trial, Journal of the American Heart Association, vol. 6(3), e004853, pp.1-9, <https://doi.org/10.1161/JAHA.116.004853>, ISSN: 2047-9980; N10 ., @2017

102. Dimitrova N.A., Dimitrov G.V., **Dimitrov A.G.**. Calculation of spatially filtered signals produced by a motor unit with a non-uniform propagation. Med. & Biol. Eng. & Compt., 39, 2, 2001, 202-207. ISI IF:1.726

Lumupa ce e:

1518. Rodriguez-Falces, Javier, and Nicolas Place. "Determinants, Analysis and Interpretation of the Muscle Compound Action Potential (M Wave) in Humans: Implications for the Study of Muscle Fatigue." European Journal of Applied Physiology, Springer Nature, Dec. 2017. Crossref, doi:10.1007/s00421-017-3788-5., @2017

103. **Christov I**, Bortolan G, Daskalov I. Sequential analysis for automatic detection of atrial fibrillation and flutter. Computing in Cardiology, 28, 2001, 293-296. SJR:0.396

Lumupa ce e:

1519. Henzel N, Wróbel J, Horoba K (2017) Atrial fibrillation episodes detection based on classification of heart rate derived features. Int. Conf on Mixed Design of Integrated Circuits and Systems, 22-24 June, Bydgoszcz Poland, pp. 571-576, @2017

1520. Maji U, Mitra M, Pal S (2017) Characterization of cardiac arrhythmias by variational mode decomposition technique iocybernetics and Biomedical Engineering, <http://www.sciencedirect.com/science/article/pii/S0208521617300256>, @2017

104. Hristozov, I., Pencheva, T., Staerk, E., Hitzmann, B., Scheper, T., Tzonkov, St.. Functional States Modelling of Batch Aerobic Yeast Growth Process. *Biotechnology and Biotechnological Equipment*, 2, 15, 2001, 132-135. ISI IF:0.084

Lumupa ce e:

1521. Brüning S., I. Gerlach, R. Pöртner, C.-F. Mandenius, V. C. Hass, Modeling Suspension Cultures of Microbial and Mammalian Cells with an Adaptable Six-Compartment Model, *Chemical Engineering Technology*, 2017, 40(5), 956-966., @2017

105. **Christov I**, Bortolan G, Daskalov I. Automatic detection of atrial fibrillation and flutter by wave rectification method. *Jour. of Med. Eng. & Tech.*, 25, 5, 2001, 217-221

Lumupa ce e:

1522. Henzel N, Wróbel J, Horoba K (2017) Atrial fibrillation episodes detection based on classification of heart rate derived features. *Int. Conf on Mixed Design of Integrated Circuits and Systems*, 22-24 June, Bydgoszcz Poland, pp. 571-576., @2017

---

## 2002

---

106. **Hadjitodorov S**, Mitev P.. A computer system for acoustic analysis of pathological voices and laryngeal diseases screening. *MEDICAL ENGINEERING & PHYSICS*, 24, 6, ELSEVIER SCI LTD, 2002, DOI:10.1016/S1350-4533(02)00031-0, 419-429. SJR:1.028, ISI IF:1.028

Lumupa ce e:

1523. Haydar Ankişhan. A NEW APPROACH FOR THE ACOUSTIC ANALYSIS OF THE SPEECH PATHOLOGY, 2017, @2017

1524. Zhao, M., Jia, X. A novel strategy for signal denoising using reweighted SVD and its applications to weak fault feature enhancement of rotating machinery, *Mechanical Systems and Signal Processing*, 94, 2017, pp. 129 – 147, , @2017

1525. Rani K, Uma MTech, BE; Holi, Maillikarjun S. PhD, MTech, BE. Wavelet Transform Features to Hybrid Classifier for Detection of Neurological-Disordered Voices, *Journal of Clinical Engineering*, April/June 2017, Volume 42, Issue 2 – pp. 89-98, doi: 10.1097/JCE.000000000000210, , @2017

1526. Carlos M. Travieso, Jesús B. Alonso, J.R. Orozco-Arroyave, J.F. Vargas-Bonilla, E. Nöth, Antonio G. Ravelo-García. Detection of different voice diseases based on the nonlinear characterization of speech signals, *Expert Systems with Applications*, Volume 82, 1 October 2017, Pages 184-195, , @2017

1527. Juan Rafael Orozco-Arroyave, Juan Camilo Vásquez-Correa, Jesús Francisco Vargas-Bonilla, Rama Arora, Najim Dehak, Phani S. Nidadavolu, Heidi Christensen, Frank Rudzicz, Maria Yancheva, Hamidreza Chinaei, Alyssa Vann, Nicola Vogler, Tobias Bocklet, Milos Cernak, Julius Hannik, Elma Nöth. NeuroSpeech: An open-source software for Parkinson's speech analysis, *Digital Signal Processing*, Available online 17 July 2017, , @2017

1528. Daria V. Borovikova, Vladimir K. Makukha. Software development for the speech signals analysis, *Proc. 2017 18th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM)*, 29 June-3 July 2017, Erlagol, Russia, Electronic ISBN: 978-1-5090-6688-9, Print on Demand(PoD) ISBN: 978-1-5090-6689-6, Electronic ISSN: 2325-419X, INSPEC Accession Number: 17042400, art. no. 7981831, pp. 622 – 625, DOI: 10.1109/EDM.2017.7981831, , @2017

1529. Daria Hemmerling. Voice Pathology Distinction Using Autoassociative Neural Networks, *Proc. 25th European Signal Processing Conference (EUSIPCO)*, 2017, pp.1894- 1897, ISBN 978-0-9928626-7-1, , @2017

107. **Tzoneva, R.**, Heuchel, M., Groth, T., Altankov, G., Albrecht, W., Paul, D.. Fibrinogen adsorption and platelet interactions on polymer membranes. *Journal of Biomaterials Science*, 13, 9, Polymer, 2002, ISSN:1568-5624, DOI:10.1163/156856202760319171, 1033-1050. ISI IF:1.648

Lumupa ce e:

1530. Raman, Ramya. Towards a Selectively Bioactive Surface for the Removal of Circulating Endotoxin in Blood. *Diss.* 2017., @2017

108. **Kossev A.R.**, Schrader C., Däuper J., Dengler R., Rollnik J.D.. Increased intracortical inhibition in middle-aged humans – a study using paired-pulse transcranial magnetic stimulation.. *Neurosci. Lett.*, 333, 2002, ISSN:03043940, 83-86. ISI IF:2.1  
*Lumupa ce e:*  
1531. Papegaaj S, Hortobágyi T (2017) In: *Locomotion and Posture in Older Adults: the Role of Aging and Movement Disorders*. (Barbieri FA, Vítório R, Eds.) Springer International Publishing, pp.: 306-347, Print ISBN: 978-3-319-48979-7; Online ISBN: 978-3-319-48980-3; DOI: 10.1007/978-3-319-48980-3\_27, @2017  
1532. Udry C (2017) *Les mécanismes d'inhibition intracorticale différent-ils entre les jeunes et les seniors lors d'exercices d'équilibre dynamique?*, UNIVERSITÉ DE FRIBOURG, Suisse (Thesis), @2017  
1533. Oki K, Clark LA, Amano S, Clark BC (2017) *Journal of Geriatric Physical Therapy*, 75(1): 46-51., doi: 10.1519/JPT.000000000000145, @2017  
1534. Noda Y, Zomorodi R, Cash RFH, Barr MS, Farzan F, Rajji TK, Chen R, Daskalakis ZJ, Blumberger DM (2017) *Aging*, 9(2): 556-572., @2017
109. Siggelkow S., **Kossev A.**, Moll C., Däuper J., Dengler R., Rollnik J.D.. Impaired sensorimotor integration in cervical dystonia - a study using transcranial magnetic stimulation and muscle vibration.. *J. Clin. Neurophysiol.*, 19, 2002, 232-239. ISI IF:2.142  
*Lumupa ce e:*  
1535. Forbes PA, de Bruijn E, Nijmeijer SWR, Koelman JHTM, van der Helm FCT, Schouten AC, Tijssen MAJ, Happee R (2017) *Clinical Biomechanics*, 42(1): 120-127., @2017  
1536. Mirallave A, Morales M, Cabib C, Muñoz EJ, Santacruz P, Gasull X, Valls-Sole J (2017) *Clinical Neurophysiology*, 128(5): 689-696., @2017
110. Rollnik J.D., Wüstefeld S., Däuper J., Karst M., Fink M., **Kossev A.**, Dengler R.. Repetitive transcranial magnetic stimulation for the treatment of chronic pain – a pilot study.. *Eur. Neurol.*, 48, 2002, ISSN:00143022, 6-10. ISI IF:1.104  
*Lumupa ce e:*  
1537. Ribeiro AML (2017) *Contribuições ao estudo dos efeitos da neuromodulação não-invasiva sobre parâmetros neuropsicológicos normais e em distúrbios neuropsiquiátricos.*, Universidade de Brasília, Brasília (Thesis), @2017  
1538. Lefaucheur J-P, Mhalla A, Chalah MA, Mylius V, Ayache S-S, (2017) In: *Navigated Transcranial Magnetic Stimulation in Neurosurgery* (Krieg SM, ed.) Springer International Publishing AG, pp.: 221-231, DOI 10.1007/978-3-319-54918-7\_13., @2017  
1539. Pannu J, DeSouza DD, Samara Z, Raj KS., Williams NR, Lanocha KI (2017) In: *Transcranial Magnetic Stimulation: Clinical Applications for Psychiatric Practice* (Bermudes RA, Lanocha KI, Janicak PG, eds.) pp.: 157-172., @2017
111. Rollnik J.D., Düsterhöft A., Däuper J., **Kossev A.**, Weissenborn K., Dengler R.. Decrease of middle cerebral artery blood flow velocity after low-frequency repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex.. *Clin. Neurophysiol.*, 113, 2002, ISSN:113: 951-955 (ISSN: 13882457), 951-955. ISI IF:2.12  
*Lumupa ce e:*  
1540. Okano H, Ishiwatari H, Fujimura A, Watanuki K (2017) 2017 IEEE International Conference on Systems, Man, and Cybernetics (SMC, )Banff Center, Banff, Canada, October 5-8, 2017, pp.:2442-2447., @2017
112. **Krasteva N**, Harms U, Albrecht W, Seifert B, Hopp M, Altankov G, Groth, T. Membranes for biohybrid liver support systems-Investigations on hepatocyte attachment, morphology and growth. *Biomaterials*, 23, 12, Elsevier, 2002, 2467-2478. SJR:2.937, ISI IF:3.05  
*Lumupa ce e:*  
1541. Lieu Le, N., Quilitzsch, M., Cheng, H., Hong, P.-Y., Ulbricht, M., Nunes, S.P., Chung, T.-S. Hollow fiber membrane lumen modified by polyzwitterionic grafting, *Journal of Membrane Science*, 522, (15), pp. 1-11, @2017
113. Bortolan G, Bressan M, **Christov I**. Longitudinal modifications of the T-loop morphology. *Computers in Cardiology*, 29, Computing in Cardiology, 2002, 685-688. SJR:0.506  
*Lumupa ce e:*

1542. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
1543. Nogara R, Ferrando-Castagnetto F, Ricca-Mallada R, Ferrando R, Marichal P (2017). Distorsión morfológica isquémica de la onda t en la centellografía de perfusión miocárdica con estrés vasodilatador. Medicina (Buenos Aires), 77, 130-134, <http://medicinabuenosaires.com/revistas/vol77-17/n2/130-134-Med77-1-6595-Nogara.pdf>, @2017
114. Groth Th., Altankov G, **Kostadinova A, Krasteva N.**, Albrecht W, Paul D. Interaction of Human Skin Fibroblasts with Moderate Wettable Polyacrylonitrile-Copolymer Membranes. Journal of Biomedical Materials Research, 61, 2, Heterocorporation, 2002, ISSN:00219304, DOI:10.1002/jbm.1019, 290-300. SJR:0.474, ISI IF:1.95
- Lumupa ce e:
1544. Rezapour-Lactoe, A. , Yeganeh, H., Ostad, S.N., Mazaheri, Z., Ai, J. Thermoresponsive polyurethane/siloxane membrane for wound dressing and cell sheet transplantation: In-vitro and in-vivo studies, Materials Science and Engineering C, Volume 69, 1 December 2016, Pages 804-814, @2017
115. **Raikova , R.**, Aladjov, H.. Hierarchical genetic algorithm versus static optimization - investigation of elbow flexion and extension movements. Journal of Biomechanics, 35, Elsevier, 2002, 1123-1135. ISI IF:2.784
- Lumupa ce e:
1545. Al Harrach M., Carriou V., Boudaoud S., Marin F. Analysis of the sEMG/force relationship using HD-sEMG technique and data fusion: A simulation study, Computers in Biology and Medicine, 83:34-47 • February 2017 DOI: 10.1016/j.combiomed.2017.02.003, @2017
116. **V.Dimitrov, M. Stoimenova, I. Tsoneva.** Electrically induced concentration fluctuations in Escherichia coli suspensions. 209, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, ISSN:ISSN: 0927-7757, 201-205. ISI IF:2.832
- Lumupa ce e:
1546. V Novickij, J Dermol, A Grainys, M Kranjc, D Miklavčič - PeerJ, " Membrane permeabilization of mammalian cells using bursts of high magnetic field pulses", Biochemistry Biophysics Biotechnology, 2017, @2017
117. Gotchev A, **Christov I**, Egiazarian K. Denoising the electrocardiogram from electromyogram artifacts by combined transform-domain and dynamic approximation method. Int. Conf. Acoustics, Speech and Signal Processing, 2002, 3872-3875. SJR:0.88
- Lumupa ce e:
1547. Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. Радіоелектронні і комп'ютерні системи, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf> ., @2017
1548. Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. Int. J. of Bioautomation, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017
118. **Atanassov, Krassimir.** On the temporal intuitionistic fuzzy sets. Proc. of the Ninth International Conf. IPMU 2002, Annecy, France, July 1-5, 2002, 3, 2002, 1833-1837
- Lumupa ce e:
1549. Vaithiyalingam, K. Weakly pi-generalized closed in an intuitionistic fuzzy topological space. PhD theis, Post Graduate and Research Department of Mathematics, SRI Vasavi College, Erode, India, 2017., @2017
119. **Atanassov, K. T.**, Pasi, G., Yager, R.. Intuitionistic fuzzy interpretations of multi-person multi-criteria decision making. In Intelligent Systems, 2002. Proceedings. 2002 First International IEEE Symposium, 1, 2002, 115-119
- Lumupa ce e:
1550. Savaş, E. On I-lacunary summability methods of order  $\alpha$  in intuitionistic fuzzy 2-normed spaces. "Notes on IFS", Volume 23, 2017, Number 4, pages 15—30, @2017
120. **Atanassov, K. T., Atanassova, V.**, Shannon, A., Turner, J.. New visual perspectives on Fibonacci numbers. World Scientific, Singapore, 2002

Lumupa ce e:

1551. İpek, A. (2017). On  $(p, q)$ -Fibonacci quaternions and their Binet formulas, generating functions and certain binomial sums. *Advances in Applied Clifford Algebras*, 27(2), 1343-1351. <https://link.springer.com/article/10.1007/s00006-016-0704-8>, @2017
1552. Sikhwal, O., Vyas, Y., & Bhatnagar, S. (2017). Generalized Multiplicative Coupled Fibonacci Sequence and its Properties. *International Journal of Computer Applications*, 158(10), doi: 10.5120/ijca2017912838. <http://www.ijcaonline.org/archives/volume158/number10/26941-2017912838>, @2017
1553. Suvarnamani, A. (2017). On the multiplicative pulsating  $n$ -Fibonacci sequence. *SNRU Journal of Science and Technology*, 9(2), 502-508. [https://www.tci-thaijo.org/index.php/snru\\_journal/article/view/93311](https://www.tci-thaijo.org/index.php/snru_journal/article/view/93311), @2017

121. Pajeva, I., Wiese, M.. Pharmacophore model of drugs involved in P-glycoprotein multidrug resistance: explanation of structural variety (Hypothesis). *J. Med. Chem.*, 45, 26, 2002, 5671-5686. ISI IF:4.566

Lumupa ce e:

1554. Popović N, Giménez de Béjar V, Caballero-Bleda M, Popović M. Verapamil Parameter- and Dose-Dependently Impairs Memory Consolidation in Open Field Habituation Task in Rats. *Frontiers in Pharmacology*. 2017;7:539. doi:10.3389/fphar.2016.00539, @2017
1555. Varma, MV; Lai, YR; El-Kattan, AF. Molecular properties associated with transporter-mediated drug disposition. *ADVANCED DRUG DELIVERY REVIEWS*, 116 92-99; 10.1016/j.addr.2017.05.014 JUL 1 2017, @2017
1556. Mishra, Ravinesh; Sareen, Swati; Sharma, Bhartendu; Goyal, Shubham; Kaur, Gurpreet; Bhardwaj, Sweta; A. Siddiqui, Anees; Husain, Asif; K. Singla, Rajeev; Rashid, Mohd; Kumar, Deepak; Sati, Bhawana; Shalmali, Nishtha; Kumar, Rajiv "Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein." *Current Cancer Therapy Reviews* 13 (1), 2017: 28-42, @2017
1557. Mohammed Ahmed Fayyad. The Effect of Diltiazem on Propranolol Absorption Using in Situ Single Pass Intestinal Perfusion Technique in Rats, Thesis, Al-Azhar University–Gaza, Faculty of Pharmacy, 2017, pp. 134, @2017

122. T. Pencheva, Georgieva O.. Modelling of Waste Water Purification in System "Biological Reservoir – Sedimentor" on the Basis of Generalized Nets. *Proc. of the International Symposium "Bioprocess Systems'2002 - BioPS02*, 2002, III.23-III.26

Lumupa ce e:

1558. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017

123. Tzoneva, R., Groth, T., Altankov, G., Dieter, P.. Remodeling of fibrinogen by endothelial cells in dependence on fibronectin matrix assembly. Effect of substratum wettability. *Journal of Materials Science: Materials in Medicine*, 13, 12, 2002, ISSN:1573-4838, DOI:10.1023/A:1021131113711, 1235-1244. ISI IF:2.587

Lumupa ce e:

1559. Mélisande Bernard, Emile Jubeli, Joudi Bakar, Lionel Tortolano, Johanna Saunier, Najet Yagoubi, " Biocompatibility assessment of cyclic olefin copolymers: Impact of two additives on cytotoxicity, oxidative stress, inflammatory reactions, and hemocompatibility". *Journal of Biomedical Materials Research Part A*, 2017, Volume 105, Issue 12, Pages 3333–3349, @2017
1560. Gurram Giridhar, R.K.N.R. Manepalli, Gudimamilla Apparao, " Chapter 8 – Contact Angle Measurement Techniques for Nanomaterials. *Thermal and Rheological Measurement Techniques for Nanomaterials Characterization A volume in Micro and Nano Technologies*, 2017, Pages 173–195, @2017

124. Krasteva V, Papazov S, Daskalov I. Estimation of current density distribution under electrodes for external defibrillation. *BioMedical Engineering OnLine*, 1, BioMed Central, 2002, ISSN:1475-925X, DOI:10.1186/1475-925X-1-7, 7. SJR:0.454, ISI IF:1.43

Lumupa ce e:

1561. Liu Zhen, Liu Xiaoxia, (2017), Research Progress of Myoelectric Signal Collecting with Fabric Electrode, *Cotton Textile Technology*, 45(1), pp. 80-84, ISSN: 1001-7415, <http://www.cqvip.com/qk/92970x/201701/670982412.html>., @2017
1562. O'Grady P, O'Neill R, Pearlmutter BA, (2017), Method and apparatus for sensory substitution, US Patent US9, 675, 777B2, Application No 14/804, 938, Date of Publication: 13 June 2017, <http://www.freepatentsonline.com/9675777.pdf>; [Citation in Page 2]., @2017

125. Dotsinsky IA, Stoyanov T. Cancellation of the power-line interference: effect of amplitude and frequency variations on the residual contamination of the ECG signal. *Electronics* 2002, 1, ТУ - София, 2002, 63-70

Lumupa ce e:

1563. Badarov D, Mihov G (2017) Analysis of the spectrum and amplitude error of the frequency measurement using elements of the subtraction procedure. In Electronics Technology (ISSE), 2017 40th International Spring Seminar on (pp. 1-6), @2017
1564. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

126. **Popova, A.V.**, Heyer, A.G., Hinch, D.K.. Differential destabilization of membranes by tryptophan and phenylalanine during freezing: The roles of lipid composition and membrane fusion. BBA – Biomembranes, 1561, 1, 2002, DOI:10.1016/S0005-2736(01)00462-X, 109-118. ISI IF:3.836

Lumupa ce e:

1565. Chen H., Yu X., Zhang X., Yang L., Huang X., Zhang J., Pritchard H.W., Li W., 2017, Phospholipase Dα1-mediated phosphatidic acid change is a key determinant of desiccation-induced viability loss in seeds, Plant Cell and Environment, DOI: 10.1111/pce.12925, @2017

127. Koumanov K, **Momchilova A**, Quinn P, Wolf C. Ceramides increase the activity of the secretory phospholipase A2 and alter its fatty acid specificity. Biochem.J., 363, 2002, 45-51. ISI IF:4.396

Lumupa ce e:

1566. Rodriguez-Cuenca S., Pellegrinelli V., Campbell M., Oresic M., & Vidal-Puig A., "Sphingolipids and glycerophospholipids The "Ying and yang" of lipotoxicity in metabolic diseases." Progress in lipid research, 2017, @2017

128. **Dimitrova D.**, Tashkova S., Dikov A., Dimitrova M., Nikolova E.. Enzyme activities of human milk cells. Comp. Rend. Acad. Bulg. Sci., 55, 5, БАН, 2002, ISSN:1310–1331, 93-96

Lumupa ce e:

1567. Bertone, V., Tarantola, E., Freitas, I. "Enzyme-Histochemistry Technique for Visualizing the Dipeptidyl-Peptidase IV (DPP-IV) Activity in the Liver Biliary Tree". Methods in Molecular Biology 1560:45-5, 2017, DOI10.1007/978-1-4939-6788-9\_3, @2017

129. **Jekova I**, Dushanova J, Popivanov D. Method for ventricular fibrillation detection in the external electrocardiogram using nonlinear prediction. Physiological Measurement, 23, 2002, 337-345. ISI IF:1.808

Lumupa ce e:

1568. José Ramón González Montero, Aura Conci, Yanexys Pupo Toledo, Leonardo Nardi, Frédéric Lebon, 2017, "On the efficiency of some signal descriptors to identify normal or abnormal cardiac rhythms", REDŽÚR 2017, 11th International Workshop on Multimedia Information and Communication Technologies, 19 May 2017, Bratislava, Slovakia, @2017

1569. Swerdlow C, Brown M, Bordachar P, 2017, "Chapter 4: Sensing and detection with cardiac implantable electronic devices", pp. 114-167, In: Clinical Cardiac Pacing, Defibrillation and Resynchronization Therapy (Fifth Edition), Ed: Ellenbogen K, Wilkoff B, Kay G, Lau CP, Auricchio A, Publisher: Elsevier, ISBN: 978-0-323-37804-8, [Citation N207, page 166], @2017

1570. Lih OS, Hagiwara Y, Adam M, Sudarshan VK, Koh JE, Hong TJ, Chua CK, San TR, Ng EYK, 2017, "Shockable versus nonshockable life-threatening ventricular arrhythmias using DWT and nonlinear features of ECG signals", Journal of Mechanics in Medicine and Biology, Vol. 17(7), 1740004 (24 pages), DOI: 10.1142/S0219519417400048, ISSN: 0219-5194, http://www.worldscientific.com/doi/pdf/10.1142/S0219519417400048 ; N30., @2017

130. M. Cholakova, Veselin Christov, **Daniela Dimitrova**, Ljuba Evstatieva, Radostina Alexandrova, E. Nikolova. Flavonoid and terpenoid isolated from Loranthus europaeus with stimulatory effect on lymphocyte proliferation. Experimental Pathology and Parasitology, 91, Prof. Marin Drinov Academic Publishing House, 2002, 45-48

Lumupa ce e:

1571. Sharquie, K. E. , Noaimi, A. A., Saleh, B. M., Sharara, Z. A., Al-Salam, W. S. "Topical 40% Loranthus europaeus Ointment as an Alternative Medicine in the Treatment of Acute Cutaneous Leishmaniasis versus Topical 25% Podophyllin Solution". Journal of Cosmetics, Dermatological Sciences and Applications. 7, 148-163, 2017, @2017

131. **Kossev A.R.**, Siggelkow S., Dengler R., Rollnik J.D.. Intracortical inhibition and facilitation in paired-pulse transcranial magnetic stimulation: effect of conditioning stimulus intensity on sizes and latencies of motor evoked potentials.. J. Clin. Neurophysiol., 20, 2003, ISSN:20: 54-58. (ISSN: 07360258, 54-58. ISI IF:2.294  
Цитира се в:  
1572. Amandusson Å, Flink R, Axelson HW (2017) Clinical Neurophysiology Practice, 2: 91-97., @2017  
1573. Dyke K (2017) Investigating transcranial direct current stimulation and its therapeutic potential., University of Nottingham, UK (Thesis), @2017  
1574. Fujiyama H, Hinder MR, Barzideh A, Van de Vijver C, Badache AC, Manrique-C MN, Reissig P, Zhang X, Levin O, Summers JJ, Swinnen SP (2017) Neurobiology of Aging, 51: 31-42., @2017  
1575. Smith C (2017) Investigating the role of the primary motor cortex in the StartReact effect using transcranial magnetic stimulation, University of Ottawa, Canada (Thesis), @2017
132. Bazhyna A, **Christov I**, Gotchev A, Daskalov I, Egiazarian K. Powerline Interference Suppression in High-Resolution ECG. Computers in Cardiology, 30, 2003, 561-564. SJR:0.396  
Цитира се в:  
1576. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017
133. **Atanassov, K.**, Gluhchev, G., **Hadjitodorov, S.**, Shannon, A., **Vassilev, P.**. Application of Generalized Nets in Biometrics. Comptes Rendus de l'Academie Bulgare des Sciences, 65, 5, 2003, ISI IF:0.251  
Цитира се в:  
1577. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
134. Pasi G., **Atanassov K.**, Melo Pinto P., Yager R., **Atanassova V.**. MultiPerson MultiCriteria Decision Making: Intuitionistic Fuzzy Approach and Generalized Net Model. Proceedings of the 10th ISPE International Conference on Concurrent Engineering "Advanced Design, Production and Management Systems", 2003, 1073-1078  
Цитира се в:  
1578. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
135. **Pencheva, T.**, **Roeva, O.**, Bentes, I., Barroso, J.. Generalized Nets Model for Fixed-bed Bioreactors. 10th ISPE International Conference on Concurrent Engineering - Advanced Design, Production and Management Systems, 2003, 1025-1028  
Цитира се в:  
1579. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017  
1580. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017  
1581. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 2017, 21(1), 133-144., @2017
136. **Roeva, O.**, **Pencheva, T.**, Bentes, I., Barroso, J.. Modelling of Escherichia coli Cultivation Process on the Basis of Generalized Nets. 10th ISPE International Conference on Concurrent Engineering - Advanced Design, Production and Management Systems, 2003, 1039-1042  
Цитира се в:  
1582. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
137. Bortolan G, Bressan M, **Christov I**. Gender and age influences in T-Loop morphology. 30, Computing in Cardiology, 2003, 513-516. SJR:0.506  
Цитира се в:

1583. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
138. Raikova , R., Aladjov, H.. The influence of the way the muscle force is modeled on the predicted results obtained by solving indeterminate problems for a fast elbow flexion. Computer Methods in Biomechanics and Biomedical Engineering, 6, 2003, 181-196. ISI IF:1.301  
Лумупа се в:  
1584. Kim S., Ro K., Bae J.. Estimation of individual muscular forces of the lower limb during walking using a wearable sensor system, Journal of Sensors 2017(2):1-14 · January 2017, DOI: 10.1155/2017/6747921, @2017
139. Atanassov, K. T.. Intuitionistic fuzzy sets: past, present and future. EUSFLAT Conf. 2003, Atlantis Press, 2003, 12-19  
Лумупа се в:  
1585. Castillo, Oscar, Amaury Hernandez-Aguila and Mario Garcia-Valdez. A method for graphical representation of membership functions for intuitionistic fuzzy inference systems. "Notes on IFS", Volume 23, 2017, Number 2, pages 79—87, @2017  
1586. Ettoussi, R., S. Melliani and L. S. Chadli. Differential equation with intuitionistic fuzzy parameters. "Notes on IFS", Volume 23, 2017, Number 4, pages 46—61, @2017
140. Kirilov G., Tomova A., Dakovska L., Kumanov P., Shinkov A., **Alexandrov A.S.**. Elevated plasma endothelin as an additional cardiovascular risk factor in patients with Cushing's syndrome. Eur J Endocrinol, 2003, 549-553. ISI IF:3.718  
Лумупа се в:  
1587. Alexandria D. McDow, Anju Gurung, Rama Poola, Carmel Fratianni, Marc Garfinkel, and Michael G. Jakoby. Portal Vein Thrombosis in the Setting of Newly Diagnosed Cushing's Syndrome. Journal of Investigative Medicine High Impact Case Reports April-June 2017: 1–4 © 2017 American Federation for Medical Research DOI: 10.1177/2324709617703672 journals.sagepub.com/home/hic, @2017
141. Krasteva V, Papazov S, Daskalov I. Peripheral nerve magnetic stimulation: influence of tissue non-homogeneity. BioMedical Engineering OnLine, 2, BioMed Central, 2003, ISSN:1475-925X, DOI:10.1186/1475-925X-2-19, 19. SJR:0.454, ISI IF:1.43  
Лумупа се в:  
1588. Davids M, Guérin B, Malzacher M, Schad LR, Wald LL, (2017), Predicting Magnetostimulation Thresholds in the Peripheral Nervous System using RealisticBody Models, Scientific Reports, 7: 5316, 14 pages, DOI:10.1038/s41598-017-05493-9, <https://www.nature.com/articles/s41598-017-05493-9> ; N29., @2017  
1589. Mourdoukoutas AP, Truong DQ, Adair DK, Simon BJ, Bikson M, (2017), High-Resolution Multi-Scale Computational Model for Non-Invasive Cervical Vagus Nerve Stimulation, Neuromodulation: Technology at the Neural Interface. doi: 10.1111/ner.12706, [https://neuralengr.com/wp-content/uploads/2017/10/NER\\_12706.pdf](https://neuralengr.com/wp-content/uploads/2017/10/NER_12706.pdf) ; N85., @2017  
1590. Ye H, Curcuru A, (2017), Deformation but not migration and rotation – a model study on vesicle biomechanics in a uniform DC electric field, Journal of Biomedical Engineering and Informatics, vol. 3(1), pp. 18-27, doi: 10.5430/jbei.v3n1p18, ISSN: 2377-9381, <http://www.sciedupress.com/journal/index.php/jbei/article/download/9978/6327> ; N50., @2017  
1591. Dacey RG et al., (2017), Method and system for modulating neural activity, US Patent US9789315 B2, Date of Patent: 17 Oct 2017, Application No: US 15/173, 957, <https://www.google.com/patents/US9789315> ; N37., @2017
142. Popova, A.V., Hinch, D.K.. Intermolecular interactions in dry and rehydrated pure and mixed bilayers of phosphatidylcholine and digalactosyldiacylglycerol: A fourier transform infrared spectroscopy study. Biophysical Journal, 85, 3, 2003, DOI:10.1016/S0006-3495(03)74598-6, 1682-1690. ISI IF:4.585  
Лумупа се в:  
1592. Silva, G.S., Jange, C.G., Rocha, J.S.S., Chaves, M.A., Pinho, S.C., 2017, Characterisation of curcumin-loaded proliposomes produced by coating of micronised sucrose and hydration of phospholipid powders to obtain multilamellar liposomes, International Journal of Food Science and Technology, 52 (3) 772-780., @2017  
1593. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2017, Phase behaviour of dehydrated phosphatidylcholines, Journal of Thermal Analysis and Calorimetry, 127 (1) 415-421, DOI: 10.1007/s10973-016-5957-x, @2017  
1594. Gerbelli B.B., Silva E.R., Soares B.M., Alves W.A., Oliveira E.A., 2017, Multilamellar-to-unilamellar transition induced by diphenylalanine in lipid vesicles, Langmuir, December 28, 2017, DOI: 10.1021/acs.langmuir.7b03869,

@2017

1595. Eloy J.O., Petrilli R., Brueggemeier R.W., Marchetti, J.M., Lee, R.J., 2017, Rapamycin-loaded Immunoliposomes Functionalized with Trastuzumab: A Strategy to Enhance Cytotoxicity to HER2-positive Breast Cancer Cells, Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry - Anti-Cancer Agents), 17 (1) 48-56(9), @2017

143. **Atanassov, K. T.**, Pasi, G., Yager, R. R., **Atanassova, V.**. Intuitionistic fuzzy graph interpretations of multi-person multi-criteria decision making. EUSFLAT Conf. 2003, September, 2003, 177-182

Lumupa ce s:

1596. Xing, Q. H., & Duan, J. N. (2017, July). Method of establishing membership and nonmembership function in intuitionistic fuzzy sets based on improved evidence theory. In Control Conference (CCC), 2017 36th Chinese (pp. 10813-10818). IEEE. <http://ieeexplore.ieee.org/abstract/document/8029081/>, @2017

144. Mitev, P., **Hadjitodorov, S.** Fundamental frequency estimation of voice of patients with laryngeal disorders.. Information Sciences, 156, 1-2, Elsevier, 2003, ISSN:0020-0255, DOI:10.1016/S0020-0255(03)00161-0, 3-19. ISI IF:1.003

Lumupa ce s:

1597. Jun Deng, Sascha Fr̄uhholz, Zixing Zhang, and Bj̄orn Schuller. Recognizing Emotions from Whispered Speech Based on Acoustic Feature Transfer Learning, IEEE ACCESS , VOL. 5, 5235-5246; DOI: 10.1109/ACCESS.2017.2672722 2017, , @2017

145. Andreeva, A., Stoitchkova, K., **Busheva, M.**, **Apostolova, E.**. Changes in the energy distribution between chlorophyll-protein complexes of thylakoid membranes from pea mutants with modified pigment content. I. Changes due to the modified pigment content. Journal of Photochemistry and Photobiology B: Biology, 70, 3, 2003, ISSN:1873-2682, DOI:10.1016/S1011-1344(03)00075-7, 153-162. ISI IF:2.275

Lumupa ce s:

1598. Rantala M., Tikkanen M., Aro E.-M. Proteomic characterization of hierarchical megacomplex formation in Arabidopsis thylakoid membrane, The Plant Journal, 92, 951-962. doi: 10.1111/tpj.13732, @2017

146. **Tsakovska, I.** QSAR and 3D-QSAR of phenothiazine type multidrug resistance modulators in P388/ADR cells. BIOORGANIC & MEDICINAL CHEMISTRY, 2003, ISSN:0968-0896, ISI IF:2.185

Lumupa ce s:

1599. V. Prachayasittikul, A. Worachartcheewan, A. P. Toropova, A. A. Toropov, N. Schaduangrat, V. Prachayasittikul and C. Nantasenamat. Large-scale classification of P-glycoprotein inhibitors using SMILES-based descriptors, SAR and QSAR in Environmental Research 28(1), 2017, 1-16., @2017

1600. Mishra, Ravinesh; Sareen, Swati; Sharma, Bhartendu; Goyal, Shubham; Kaur, Gurpreet; Bhardwaj, Sweta; A. Siddiqui, Anees; Husain, Asif; K. Singla, Rajeev; Rashid, Mohd; Kumar, Deepak; Sati, Bhawana; Shalmali, Nishtha; Kumar, Rajiv. Phenothiazines and Related Drugs as Multi Drug Resistance Reversal Agents in Cancer Chemotherapy Mediated by p-glycoprotein. Current Cancer Therapy Reviews, Volume 13, Number 1, April 2017, pp. 28-42(15), @2017

1601. Mollazadeh, Shirin; Shamsara, Jamal; Iman, Maryam; Hadizadeh, Farzin. Docking and QSAR Studies of 1, 4-Dihydropyridine Derivatives as Anti- Cancer Agent. Recent Patents on Anti-Cancer Drug Discovery, Volume 12, Number 2, May 2017, pp. 174-185(12), @2017

147. **Mladenov I.**, Oprea J.. The Mylar Balloon Revisited. American Mathematical Monthly, 110, 2003, 761-784. ISI IF:0.25

Lumupa ce s:

1602. Horn A., A Low Cost Inflatable CubeSat Drag Brake Utilizing Sublimation, Phd Thesis, Aerospace Engineering, Old Dominion University 2017., @2017

148. **Dobrikova, A.**, Várkonyi, Zs., **Krumova, S. B.**, Kovács, L., Kostov, G. K., **Todinova, S. J.**, **Busheva, M.**, **Taneva, S. G.**, Garab, G.. Structural rearrangements in chloroplast thylakoid membranes revealed by differential scanning calorimetry and circular dichroism spectroscopy. Thermo-optic effect. Biochemistry, 42, 38, 2003, 11272-11280. ISI IF:3.922

Lumupa ce s:

1603. Patty C.H. L., Visser L. J.J., Ariese F., Buma W. J., Sparks W. B., J.M. van Spanning R., Rölting W. F.M., Snik F., (2017) Circular spectropolarimetric sensing of chiral photosystems in decaying leaves. J. Quantitative Spectroscopy Radiative Transfer 189: 303-311., @2017

149. **Apostolova, E., Krumova, S. B.**, Tuparev, N., Molina, M. T., Filipova, Ts., Petkanchin, I., **Taneva, S. G.**. Interaction of biological membranes with substituted 1,4- anthraquinones. *Colloids and Surfaces B: Biointerfaces*, 29, 2003, 1-12. ISI IF:1.586

[Lumupa ce e:](#)

1604. Al-Otaibi, JS; El Gogary, TM, Synthesis of novel anthraquinones: Molecular structure, molecular chemical reactivity descriptors and interactions with DNA as antibiotic and anti-cancer drugs, *JOURNAL OF MOLECULAR STRUCTURE*, Volume: 1130 Pages: 799-809, DOI: 10.1016/j.molstruc.2016.10.098 Published: FEB 15 2017, @2017
1605. Antonio R. da CunhaEvandro L. DuarteHubert StassenM. Teresa LamyKaline Coutinho, Experimental and theoretical studies of emodin interacting with a lipid bilayer of DMPC, *Biophys Rev* (2017). <https://doi.org/10.1007/s12551-017-0323-1>, @2017

---

## 2004

---

150. Komissarow L., Rollnik J.D., Bogdanova D., Krampfl K., Khabirov F.A., **Kossev A.**, Dengler R., Bufler J.. Triple stimulation technique (TST) in amyotrophic lateral sclerosis.. *Clin Neurophysiol.*, 115, 2004, ISSN:13882457, 356-360. ISI IF:2.538

[Lumupa ce e:](#)

1606. Vucic S, Kiernan MC (2017) *Neurotherapeutics*, 14(1): 91-106., @2017
1607. Lenglet T, Camdessanché J-P. (2017) *Revue Neurologique*, 173(5): 280-287., @2017
1608. Wagner, Timothy Andrew. "Systems and methods for stimulating cellular function in tissue." U.S. Patent No. 9, 623, 264. 18 Apr. 2017., @2017
1609. Duclos Y, Grapperon AM, Jouve E, Truillet R, Zemmour C, Verschuere A, Pouget J, Attarian S (2017) *Clinical Neurophysiology*, 128(2): 357-364., @2017
1610. Wagner TA, Eden UT (2017) - US Patent 9, 597, 499, issued March 21, 2017, Apparatus and method for stimulation of biological tissue., @2017
1611. Wagner, Timothy Andrew. "Systems for detecting a condition." U.S. Patent 9, 681, 820, issued June 20, 2017., @2017
151. Kuncheva L., **Hadjitodorov S.** Using diversity in cluster ensembles. ., In *Proceedings of IEEE Int Conf on Systems, Man and Cybernetics, The Hague, IEEE, 2004, ISBN:0-7803-8566-7, ISSN:1062-922X, 1214-1219*
- [Lumupa ce e:](#)
1612. Han, S.Y., Liefbroer, A.C., Elzinga, C.H. Comparing methods of classifying life courses: Sequence analysis and latent class analysis, *Longitudinal and Life Course Studies*, 8(4), 2017, pp. 319-341., @2017
1613. Mendes Júnior, P.R., de Souza, R.M., Werneck, R.O. et al. Nearest neighbors distance ratio open-set classifier, *Machine Learning* , 106 (3), 2017, pp 359-386, doi:10.1007/s10994-016-5610-8, Print ISSN 0885-6125, Online ISSN 1573-0565, Publisher Name Springer US, , @2017
1614. Botta, F., Del Genio, C.I. Analysis of the communities of an urban mobile phone network, *PLoS ONE*, 12 ( 3 ) , 2017, art. no. e0174198, , @2017
1615. Galdi, P., Serra, A., Tagliaferri, R. Rotation clustering: A consensus clustering approach to cluster gene expression data, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* , 10147 LNAI, 2017, pp. 229 - 238 ., @2017
1616. Yang, F; Li, T; Zhou, QF; Xiao, H. Cluster ensemble selection with constraints, *NEUROCOMPUTING*, 235, pp. 59-70; 10.1016/j.neucom.2017.01.001, APR 26 2017, , @2017
1617. Alhusain, L., Hafez, A.M. Cluster ensemble based on Random Forests for genetic data, *BioData Mining*, 10(1), 2017, art. no. 37, <https://doi.org/10.1186/s13040-017-0156-2>, <https://biodatamining.biomedcentral.com/articles/10.1186/s13040-017-0156-2>, @2017
1618. Tanmoy Chakraborty, Noseong Park. Ensemble-Based Discovery of Disjoint, Overlapping and Fuzzy Community Structures in Networks, arXiv:1712.02370v1 [cs.SI] , 6 Dec 2017, <https://arxiv.org/pdf/1712.02370.pdf>, @2017
1619. Wei, S., Li, Z. & Zhang, C. Combined constraint-based with metric-based in semi-supervised clustering ensemble, *Int. J. Machine Learning & Cybernetics* (2017), pp 1–16. doi:10.1007/s13042-016-0628-6, , @2017
1620. Seyed Morteza Najibi, Mehdi Maadooliat, Lan Zhou, Jianhua Z. Huang, Xin Gao, Protein Structure Classification and Loop Modeling Using Multiple Ramachandran Distributions, *Computational and Structural Biotechnology Journal*, Volume 15, 2017, Pages 243–254, , @2017

1621. Mark Belford, Brian Mac Namee, Derek Greene. Stability of Topic Modeling via Matrix Factorization, arXiv preprint arXiv:1702.07186, 2017, and Expert Systems with Applications , 91, 2018, pp. 159 – 169, , @2017
1622. Imran Khan, Joshua Z. Huang. FastMap in dimensionality reduction: ensemble clustering of high dimensional data, International Journal of Data Science, 2017, Volume 2, Issue 1, DOI: <http://dx.doi.org/10.1504/IJDS.2017.082743>, , @2017
1623. ZHANG Zhongjun, DONG Sh. Mail social network community partitioning method based on clustering ensemble, Journal of Yunnan University, 云南大学学报 ( 自然科学版), 2017, 39 (2), pp. 178- 184, DOI: 10.7540/j.ynu.20160469, , @2017
1624. Xuehua Zhao, Bo Yang, Xueyan Liu, and Huiling Chen. Statistical inference for community detection in signed networks, Physical Review, E Statistical, Nonlinear, and Soft Matter Physics, 95 (4), art. no. 042313, – Published 17 April 2017, , @2017
1625. Xuelong Li, Quanmao Lu, Yongsheng Dong, Dacheng Tao. SCE: A Manifold Regularized Set-Covering Method for Data Partitioning, IEEE Transactions on Neural Networks and Learning Systems , Volume: PP, Issue: 99 , pp.1-14, Print ISSN: 2162-237X, Online ISSN: 2162-2388 , Date of Publication: 05 April 2017, DOI: 10.1109/TNNLS.2017.2682179, , @2017
1626. Alves, A.F. Stacking machine learning classifiers to identify Higgs bosons at the LHC, Journal of Instrumentation , 12 (5) , 2017, art. no. T05005, @2017
1627. Felix Brandl , Satja Mulej Bratec, Xiyao Xie, Afra M. Wohlschläger, Valentin Riedl , Chun Meng , Christian Sorg. Increased Global Interaction Across Functional Brain Modules During Cognitive Emotion Regulation, Cerebral Cortex, Oxford Academic, publ. 13 July 2017, , @2017
1628. Yang, B; Liu, XY; Li, Y; Zhao, XH. Stochastic Blockmodeling and Variational Bayes Learning for Signed Network Analysis, IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, 29 (9):2026-2039; 10.1109/TKDE.2017.2700304 SEP 1 2017, @2017
1629. Wang, P., Liu, Q., Yang, X., Xu, F. Ensemble re-clustering: Refinement of hard clustering by three-way strategy, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) , 10559 LNCS , 2017, pp. 423 - 430 . DOI [https://doi.org/10.1007/978-3-319-67777-4\\_37](https://doi.org/10.1007/978-3-319-67777-4_37), Print ISBN 978-3-319-67776-7, Online ISBN 978-3-319-67777-4., @2017
1630. Mai, L. & Noh, D.K. Cluster Ensemble with Link-Based Approach for Botnet Detection, J Netw Syst Manage (2017), pp 1–24, <https://doi.org/10.1007/s10922-017-9436-x>, Print ISSN 1064-7570 , Online ISSN 1573-7705 36.186. Lombardi, A; Tangaro, S; Bellotti, R; Bertolino, A; Blasi, G; Pergola, G; Taurisano, P; Guaragnella, C. A Novel Synchronization-Based Approach for Functional Connectivity Analysis, COMPLEXITY, 2017 , , @2017
1631. Nazari, A., Dehghan, A., Nejatian, S., Rezaie V., Parvin, K. A comprehensive study of clustering ensemble weighting based on cluster quality and diversity, Pattern Analysis and Applications (2017), pp.1-13, Springer London, Print ISSN1433-7541, Online ISSN1433-755, -x, @2017
1632. Tahani Muqbil Alqurashi. Clustering Ensemble Method, A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy, School of Computing Sciences, University of East Anglia, UK, January, 2017, p.289, , @2017

152. Bazhyna A, Gotchev A, **Christov I**, Daskalov I, Egiazarian K. Beat-to-beat noise removal in noninvasive His-bundle electrocardiogram. Med. & Biol. Eng. & Comp, 42, 5, 2004, 712-720. SJR:1.02, ISI IF:1.72

Цитира се в:

1633. Karhe RR, Kale SN (2017) ECG digitization by morphological Top-Hat transform. Int. Conf. on Recent Trends in Engineering and Science, 20, pp. 213-222, <https://pdfs.semanticscholar.org/4c53/535ce2c138c328d944>, @2017
1634. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

153. **Стоянов Т.** Компютърна обработка и анализ на електрокардиограми. Дисертация за д-р, ЦЛБМИ - БАН. 2004

Цитира се в:

1635. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

154. **Christov I.** Real time electrocardiogram QRS detection using combined adaptive threshold. Biomedical Engineering Online, 3, 1, 2004, SJR:1.36, ISI IF:1.42

Цитира се в:

1636. Kossowska M, Szwed P, Czernatowicz-Kukuczka A, Sekerdej M, Wyczesany M (2017) From threat to relief: Expressing prejudice towards atheists as a self-regulatory strategy protecting the religious orthodox from threat. Frontiers in Psychology, 8, 873, 8 pages, @2017

1637. Biosppy (2017) Biosignal processing in Python. 71 pages, Instituto de Telecomunicacoes <https://media.readthedocs.org/pdf/biosppy/stable/biosppy.pdf>, @2017
1638. Leite J, Morales-Quezada L, Carvalho S, et al. (2017) Surface EEG-transcranial direct current stimulation (tDCS) closed-loop system. International Journal of Neural Systems, 27, 13 pages, <http://www.worldscientific.com/doi/ref/10.1142/S0129065717500265>, @2017
1639. Bin Sinal M, Eiji Kamioka (2017) Adaptive threshold based approach to perfectly detect heart cycle in ECG data. Int. Conf. on Computing & Informatics, 25-27 April, Kuala Lumpur, Malaysia, pp. 492-498., @2017
1640. Su Jiahao, Xu Weichao (2017) An algorithm for ECG R wave detection based on Shannon information entropy. Electronic World, 518, (8), pp. 59-61, <http://elew.chinajournal.net.cn/WKE/WebPublication/paperDigest.aspx?paperID=faa05856-fdaa-4005-9a76-cb9dad6c5096>, @2017
1641. Pandit D, Zhang L, Liu C, Chattopadhyay S, Aslam N, Lim CP (2017) A lightweight QRS detector for single lead ECG signals using a max-min difference algorithm. Computer Methods and Programs in Biomedicine, 144, pp. 61-75, <http://www.sciencedirect.com/science/article/pii/S0169260716302735>, @2017
1642. Chen CL, Chuang CT (2017) A QRS detection and R point recognition method for wearable single-lead ECG devices. Sensors, 17, (9), 1969, <http://www.mdpi.com/1424-8220/17/9/1969/htm>., @2017
1643. Miliivojević MS, Gavrovska A, Reljin IS (2017) Python based physiological signal processing for vital signs monitoring. Int. Conf. on Electrical, Electronics and Computing Engineering, 5-8 June, Kladovo, Serbia, 4 pages, [https://www.etrans.rs/common/pages/proceedings/lcETRAN2017/EKI/lcETRAN2017\\_paper\\_EKI2\\_5.pdf](https://www.etrans.rs/common/pages/proceedings/lcETRAN2017/EKI/lcETRAN2017_paper_EKI2_5.pdf), @2017
1644. Prasad RM (2017) An efficient scheme for compression of electro cardiac signal using divide and conquer algorithm. Int. J. of Modern Electronics and Communication Engineering, 5, (1), pp. 42-45, [http://www.ijmece.org/current\\_issue/IJMECE170129.pdf](http://www.ijmece.org/current_issue/IJMECE170129.pdf), @2017
1645. Qin Qin, Jianqing Li, Yinggao Yue, Chengyu Liu (2017) An adaptive and time-efficient ECG R-peak detection algorithm. J. of Healthcare Engineering, 19 pages, <http://downloads.hindawi.com/journals/jhe/aip/5980541.pdf>, @2017
1646. Długosz D, Królak A, Eftestøl TC, Ørn S, Wiktorski T (2017) The North Sea bicycle race ECG project: Time-domain analysis. Federated Conference on Computer Science and Information Systems 3-6 September, Prague, Czech Republic, 11, pp. 1353-1356., @2017
1647. Lin Z, Wang B, Chen H, Zhang Y, Wang XA (2017) Design and implementation of a high quality R-peak detection algorithm. Int. Conf. on Semiconductor Technology, 12-13 March, Shanghai, China, 3 pages., @2017
1648. Runnan He, Kuanquan Wang, Qince Li, Yongfeng Yuan, Na Zhao, Yang Liu, Henggui Zhang (2017) A novel method for the detection of R-peaks in ECG based on K-Nearest Neighbors and Particle Swarm Optimization. EURASIP Journal on Advances in Signal Processing, 2017(1), 82. <https://asp-urasipjournals.springeropen.com/articles/10.1186/s13634-017-0519-3>, @2017
1649. Hamdi S, Abdallah AB, Bedoui MH (2017) Real time QRS complex detection using DFA and regular grammar. BioMedical Engineering OnLine, 16, (1), 31, 20 pages, <https://biomedical-engineering-online.biomedcentral.com/articles/10.1186/s12938-017-0322-2>, @2017

155. Jekova I, Krasteva V. Real time detection of ventricular fibrillation and tachycardia. Physiological Measurement, 25, 5, Institute of Physics IOP Publishing, 2004, ISSN:0967-3334, 1167-1178. SJR:0.538, ISI IF:1.808

Lumupa ce e:

1650. Mjahad A, Rosado-Muñoz A, Bataller-Mompeán M, Francés-Villora JV, Guerrero-Martínez JF, (2017), Ventricular Fibrillation and Tachycardia Detection from Surface ECG using time-frequency Representation Images as Input Dataset for Machine Learning, Computer Methods and Programs in Biomedicine, vol. 141, pp.119-127, <http://dx.doi.org/10.1016/j.cmpb.2017.02.010>, ISSN: 0169-2607; N59., @2017
1651. Lih OS, Hagiwara Y, Adam M, Sudarshan VK, Koh JE, Hong TJ, Chua CK, San TR, Ng EYK, (2017), Shockable versus nonshockable life-threatening ventricular arrhythmias using DWT and nonlinear features of ECG signals, Journal of Mechanics in Medicine and Biology, Vol. 17(7), 1740004 (24 pages), DOI: 10.1142/S0219519417400048, ISSN: 0219-5194, <http://www.worldscientific.com/doi/pdf/10.1142/S0219519417400048> ; N30., @2017
1652. Rad AB, Eftestol T, Engan K, Irusta U, Kvaloy JT, Kramer-Johansen J, Wik L, Katsaggelos AK, (2017), ECG-Based Classification of Resuscitation Cardiac Rhythms for Retrospective Data Analysis, IEEE Trans Biomed Eng., 64(10):2411-2418, doi: 10.1109/TBME.2017.2688380, <http://ieeexplore.ieee.org/document/7890478/> ; N32., @2017
1653. Ping Cheng, Xiaodai Dong, (2017), Life-Threatening Ventricular Arrhythmia Detection with Personalized Features, IEEE Access, Vol.5, pp. 14195 – 14203, doi: 10.1109/ACCESS.2017.2723258, ISSN: 2169-3536, <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7967798> ; N9., @2017
1654. Didon JP, (2017), Apparatus for defibrillation delivery decision, European Patent EP2172245 B1, Application number: EP20080105490, Date of Publication 12.04.2017, <https://encrypted.google.com/patents/EP2172245B1> ; [0039]., @2017
1655. Minh Tuan Nguyen, Binh Van Nguyen, Kiseon Kim, (2017), Shockable Rhythm Diagnosis for Automated External Defibrillators Using a Modified Variational Mode Decomposition Technique, IEEE Transactions on Industrial Informatics, vol. 13(6), pp. 3037-3046, DOI: 10.1109/TII.2017.2740435; N14., @2017
1656. Ming Y, Feng C, Guang Z, Liangzhe L, Chunchen W, Ningbo Z, Biao G, Jing W, Taihu W, (2017), Research on malignant arrhythmia detection algorithm using neural network optimized by genetic algorithm, Journal of

156. **Roeva, O.** Generalized Net for Optimal Feed Rate Control of Fed-batch Fermentation Processes. Proc. of Fifth International Workshop on Generalized Nets, 2004, 6-12  
[Lumupa ce e:](#)  
1657. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSS and GNs, Vol. 13, 2017, 1-60., @2017
157. Shannon, A., **Roeva, O., Pencheva, T., Atanassov, K.** Generalized Nets Modelling of Biotechnological Processes. Prof. M. Drinov Academic Publishing House, 2004, 131  
[Lumupa ce e:](#)  
1658. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSS and GNs, Vol. 13, 2017, 1-60., @2017  
1659. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
158. Gennari, A, van den Berghe, C, Casati, S, Castell, J, Clemedson, C, Coecke, S, Coecke, S, Curren, R, Dal Negro, G, Goldberg, A, Gosmore, C, Hartung, T, Langezaal, L, **Lessigiarska, I**, Maas, W, Mangelsdorf, L, Parchment, R, Prieto, P, Sintes, JR, Ryan, M, Schmuck, G, Stitzel, K, Stokes, W, Vericat, JA, Gribaldo, L. Strategies to replace in vivo acute systemic toxicity testing. ATLA-ALTERNATIVES TO LABORATORY ANIMALS, 32, 4, FRAME, 2004, ISSN:ISSN: 0261-1929, 437-459. ISI IF:1.021  
[Lumupa ce e:](#)  
1660. Vinken, Mathieu; Blaauboer, Bas J., In vitro testing of basal cytotoxicity: Establishment of an adverse outcome pathway from chemical insult to cell death, TOXICOLOGY IN VITRO Volume: 39 Pages: 104-110, @2017
159. **Lessigiarska, I**, Worth, AP, Sokull-Kluttgen, B, Jeram, S, Dearden, JC, Netzeva, TI, Cronin, MTD. QSAR investigation of a large data set for fish, algae and Daphnia toxicity. QSAR investigation of a large data set for fish, algae and Daphnia toxicity, 15, 5-6, Taylor & Francis, 2004, DOI:10.1080/10629360412331297416, 413-431. ISI IF:1.642  
[Lumupa ce e:](#)  
1661. Onlu, Serli; Sacan, Melek Turker, A, An in silico algal toxicity model with a wide applicability potential for industrial chemicals and pharmaceuticals, ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, Volume: 36 Issue: 4 Pages: 1012-1019, @2017
160. **Pajeva, I.**, Todorov, D., Seydel, J.K.. Membrane effects of the antitumor drugs doxorubicin and thaliblastine: comparison to multidrug resistance modulators verapamil and trans-flupentixol. Europ. J. Pharm. Sci., 21, 2-3, 2004, 243-250. ISI IF:1.949  
[Lumupa ce e:](#)  
1662. Tao, Y; Li, MQ; Auguste, DT. Pattern-based sensing of triple negative breast cancer cells with dual-ligand cofunctionalized gold nanoclusters. BIOMATERIALS, 116 21-33; 10.1016/j.biomaterials.2016.11.050 FEB 2017, @2017  
1663. Dong Chan Son, Minjung Joo, Kang-Hyup Lee, Jun-Soo Han, Kae Sun Chang, Thalictum acutifolium (Hand.-Mazz.) B. Boivin: a new record to the flora of the Jeju-do, Korea, In Journal of Asia-Pacific Biodiversity, Volume 10, Issue 1, 2017, Pages 112-117, @2017  
1664. Dong Chan Son, Beom Kyun Park, Kae Sun Chang, Kyung Choi, Chang Ho Shin, Cladistic analysis of the section Adonanthe under genus Adonis L. (Ranunculaceae) from East Asia, In Journal of Asia-Pacific Biodiversity, Volume 10, Issue 2, 2017, Pages 232-236, ISSN 2287-884X, <https://doi.org/10.1016/j.japb.2017.02.002>, @2017
161. **Pajeva, I.**, Globisch, C., Wiese, M.. Structure-Function Relationships of Multidrug Resistance P-glycoprotein. J. Med. Chem., 47, 10, 2004, 2523-2533. ISI IF:5.076  
[Lumupa ce e:](#)  
1665. Pimthon, J., R. Dechaanontasup, C. Ratanapiphop, C. Phromprasert. Homology modeling and substrate binding studies of human P-glycoprotein. Pharm. Sci. Asia, 44 (2), 96-107, 2017, @2017

162. **Atanassov, Krassimir.** On the modal operators defined over intuitionistic fuzzy sets. *Notes on Intuitionistic Fuzzy Sets*, 10, 1, 2004, 7-12

*Lumupa ce 8:*

1666. Vassia Atanassova and Lyubka Doukovska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017

1667. Tarsuslu (Yılmaz), S., M. Çitil, E. Demirbaş and M. Aydın. Some modal operators with intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 20—28, @2017

163. Parvanova, D., **Popova, A.**, Zaharieva, I., Lambrev, P., Konstantinova, T., **Taneva, S.**, Atanassov, A., Goltsev, V., Djilianov, D.. Low temperature tolerance of tobacco plants transformed to accumulate proline, fructans, or glycine betaine. Variable chlorophyll fluorescence evidence. *Photosynthetica*, 42, 2, 2004, 179-185. ISI IF:1.409

*Lumupa ce 8:*

1668. Yang J., Pan C., Zhang J., ....., Wen C., Zhang L., 2017, Osmoprotectants as highly efficient cryoprotectants, *ACS Applied Materials and Interfaces*, 9 (49) 42516-42524, @2017

1669. Zhang T.J., Pan L.J., Huang Q., Zhu L.H., Yang N., Peng C.L., Chen L. B., 2017, Overexpression of calmodulin gene fragment from Antarctic notothenioid fish improves chilling tolerance in *Nicotiana benthamiana*, *Photosynthetica*, 55 (4) 630-637, DOI: 10.1007/s11099-016-0682-z, @2017

164. **Christov I**, Bortolan G. Ranking of pattern recognition parameters for premature ventricular contractions classification by neural networks. *Physiological measurement*, 25, 2004, 1281-1290. SJR:2.11, ISI IF:1.8

*Lumupa ce 8:*

1670. 1380.  $\exists$ -Roobeh Zarei (2017) Developing enhanced classification methods for ECG and EEG signals. PhD thesis, Victoria University, Australia, 173 pages, [http://vuir.vu.edu.au/35028/1/ZAREI%20Roobeh-thesis\\_nosignatures.pdf](http://vuir.vu.edu.au/35028/1/ZAREI%20Roobeh-thesis_nosignatures.pdf), @2017

1671. Camacho A, Merayo MG, Núñez M (2017) Using fuzzy automata to diagnose and predict heart problems. *Congress on Evolutionary Computation*, 5-8 June, San Sebastian, pp. 846-853., @2017

1672. Naseri E, Ghaffari A, Abdollahzade M (2017) A novel ICA-based clustering algorithm for heart arrhythmia diagnosis. *Pattern Analysis and Applications*, 13 pages, <https://link.springer.com/article/10.1007/s10044-017-0628-5>, @2017

1673. Garcia G, Moreira G, Menotti D, Luz E (2017) Inter-patient ECG heartbeat classification with temporal VCG optimized by PSO. *Scientific Reports*, 7, 11 pages, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5585360/>, @2017

165. Dotsinsky IA, **Stoyanov T.** Ventricular beat detection in single channel electrocardiograms. *BioMedical Engineering OnLine*, 3, 1, 2004, SJR:1.36, ISI IF:1.42

*Lumupa ce 8:*

1674. Chandrakar C, Sharma M (2017) Approach for design of early warning monitoring system for detection of the abnormal cardiac behaviour of any individual. *Biomedical Research*, 28, (1), <http://www.alliedacademies.org/articles/approach-for-design-of-early-warning-monitoring-system-for-detection-of-the-abnormal-cardiac-behaviour-of-any-individual.html>, @2017

1675. Chandrakar C, Sharma M (2017) System design approach for heartbeat detection and classification of individuals irrespective of their physical condition. *Current Science*, 112, (9), pp. 1915-1920, <http://www.currentscience.ac.in/Volumes/112/09/1915.pdf>, @2017

1676. Chandrakar C, Sharma M (2017) Qualitative features selection techniques by profiling statistical features of ECG for classification of heart beats. *Biomedical Research*, 28, (2) <http://www.alliedacademies.org/articles/qualitative-features-selection-techniques-by-profiling-statistical-features-of-ecg-for-classification-of-heart-beats.html>, @2017

1677. Hamdi S, Abdallah AB, Bedoui MH (2017) Real time QRS complex detection using DFA and regular grammar. *BioMedical Engineering OnLine*, 16, (1), 31, 20 pages, <https://biomedical-engineering-online.biomedcentral.com/articles/10.1186/s12938-017-0322-2>, @2017

166. **Jekova I**, Mougeolle F, Valance A. Defibrillation shock success estimation by a set of six parameters derived from the electrocardiogram. *Physiological Measurement*, 25, 2004, 1179-1188. ISI IF:1.808

*Lumupa ce 8:*

1678. Ferney Beltrán-Molina, Jesus Requena-Carrion, Felipe Alonso-Atienza, Nejib Zemzemi, 2017, "An Analytical Model for the Effects of the Spatial Resolution of Electrode Systems on the Spectrum of Cardiac Signals", *IEEE*

167. Vassilev V., **Mladenov I.** Geometric Symmetry Groups, Conservation Laws and Group-Invariant Solutions of the Willmore Equation. *Geom. Integrability & Quantization*, 5, 2004, 246-265

[Lumupa ce e:](#)

1679. Toda M., Zhang Z. and Athukorallage B., *Proteins: Structure, Function and Bioinformatics* (2017) DOI 10.1002/prot.25400., @2017

168. Dotsinsky IA, **Stoyanov T.** Optimisation of bi-directional digital filtering for drift suppression in electrocardiogram signals. *Journal of Medical Engineering & Technology*, 28, 4, 2004, 178-180

[Lumupa ce e:](#)

1680. Lenis G, Pilia N, Loewe A, Schulze WH, Dössel O (2017) Comparison of baseline wander removal techniques considering the preservation of ST changes in the ischemic ECG. 20 pages, <http://downloads.hindawi.com/journals/cmmm/aip/9295029.pdf>, @2017

1681. Ródenas, J., García, M., Alcaraz, R., & Rieta, J. J. (2017). Combined Nonlinear Analysis of Atrial and Ventricular Series for Automated Screening of Atrial Fibrillation. *Complexity*, Hindawi, 13 pages, [https://ruidera.uclm.es/xmlui/bitstream/handle/10578/15691/2163610\\_complexity.pdf?sequence=1](https://ruidera.uclm.es/xmlui/bitstream/handle/10578/15691/2163610_complexity.pdf?sequence=1)., @2017

1682. Hernández A, Alcaraz R, Hornero F, Rieta JJ (2017) Application of signal analysis to cardiac surgery of atrial fibrillation. Chapter 3, *Cardiac surgery*, 48 pages, <http://www.avidscience.com/wp-content/uploads/2017/10/application-of-signal-analysis-to-cardiac-surgery-of-atrial-fibrillation.pdf>, @2017

169. **Velitchkova, M**, Picorel, R. Photobleaching of photosynthetic pigments in spinach thylakoid membranes. Effect of temperature, oxygen and DCMU. *Biophys. Chem*, 107, 2004, 25-32. ISI IF:1.986

[Lumupa ce e:](#)

1683. Schuurmans RM (2017) Physiological and genetic studies towards biofuel production in cyanobacteria. PhD thesis, University of Amsterdam, @2017

170. **Pencheva, T., Georgieva, O.** Modelling of Fermentation Processes on the Basis of Generalized Nets. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, 2, 2004, 37-45

[Lumupa ce e:](#)

1684. Zoteva D., M. Krawczak, *Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey*, *Issues in IFs and GNs*, Vol. 13, 2017, 1-60., @2017

---

## 2005

---

171. Dotsinsky IA, **Stoyanov T.** Power-line interference cancellation in ECG signals. *Biomedical Instrumentation & Technology*, 39, 2, 2005, 155-162

[Lumupa ce e:](#)

1685. Bhoi AK, Sherpa, KS, Khandelwal B (2017) Baseline drift removal of ECG signal: Comparative analysis of filtering techniques. *Biomedical Engineering: Concepts, Methodologies, Tools, and Applications*, pp. 379-396, @2017

1686. Karhe RR, Kale SN (2017) ECG digitization by morphological Top-Hat transform. *Int. Conf. on Recent Trends in Engineering and Science*, 20, pp. 213-222, <https://pdfs.semanticscholar.org/4c53/535ce2c138c328d944>, @2017

1687. Bhavani D, Vasavi KP (2017) Implementation of an area and delay efficient fixed FIR filter using multiple constant multiplications (MCM). *Int. Conf. on Emerging Trends in Engineering, Technology, Science and Management*, 20 August, Karnataka, India, 9 pages, <http://data.conferenceworld.in/IETEAUGUST2017/1.pdf>, @2017

1688. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

172. V. Shalamanov, **S. Hadjitodorov**, T. Tagarev, S. Avramov, V. Stoyanov, P. Geneshky, N. Pavlov. Civil security: Architectural approach in emergency management transformation.. *INFORMATION & SECURITY. An International Journal*, 17, 2005, 75-101

Lumupa ce e:

1689. Bossong, R. & Hegemann, H. Die Politik der zivilen Sicherheit: Bedeutungen und Wirkungen eines aufstrebenden Begriffs, Zeitschrift für Außen- und Sicherheitspolitik, Vol. 10, Issue 1, pp 39–65, January 2017, doi:10.1007/s12399-017-0612-6, @2017

173. Bogdanova, S., **Pajeva, I.**, Nikolova, P., **Tsakovska, I.**, Müller, B.. Interactions of poly (vinylpyrrolidone) with ibuprofen and naproxen: experimental and modeling studies. Pharmaceut. Res., 22, 5, 2005, 806-815. ISI IF:2.752

Lumupa ce e:

1690. Chenevas-Paule, C; Wolff, HM; Ashton, M; Schubert, M; Dodou, K. Development of a Predictive Model for the Stabilizer Concentration Estimation in Microreservoir Transdermal Drug Delivery Systems Using Lipophilic Pressure-Sensitive Adhesives as Matrix/Carrier. JOURNAL OF PHARMACEUTICAL SCIENCES, 106 (5):1371-1383; 10.1016/j.xphs.2017.01.031 MAY 2017, @2017

1691. Liu, X; Zhou, L; Zhang, F. Reactive Melt Extrusion To Improve the Dissolution Performance and Physical Stability of Naproxen Amorphous Solid Dispersions. MOLECULAR PHARMACEUTICS, 14 (3):658-673; 10.1021/acsmolpharmaceut.6b00960 MAR 2017, @2017

1692. Al-Obaidi, H; Majumder, M; Bari, F. Amorphous and Crystalline Particulates: Challenges and Perspectives in Drug Delivery. CURRENT PHARMACEUTICAL DESIGN, 23 (3):350-361; 10.2174/1381612822666161107162109 2017, @2017

1693. Ziaee, A; Albadarin, AB; Padrela, L; Faucher, A; O'Reilly, E; Walker, G. Spray drying ternary amorphous solid dispersions of ibuprofen – An investigation into critical formulation and processing parameters. EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, 120 43-51; 10.1016/j.ejpb.2017.08.005 NOV 2017, @2017

1694. Maswadeh H.. Incompatibility of Paracetamol with Pediatric Suspensions Containing Amoxicillin, Azithromycin and Cefuroxime Axetil. Pharmacology & Pharmacy 08 (11): 355-368, 2017, @2017

1695. Hamzah Maswadeh. Concomitant oral administration of ibuprofen and some commonly used antibiotics for children: compatibility study using DSC and FTIR. Acta Poloniae Pharmaceutica - Drug Research, 74 (6 ), 1627-1636, 2017, @2017

174. Pankov R., **Markovska, T.**, **Hazarosova R.**, Antonov P., Ivanova L., **Momchilova, A.** Cholesterol distribution in plasma membranes of beta integrin-expressing and beta integrin-deficient fibroblasts. Archives of biochemistry and biophysics, 442, 2, 2005, 160-168. ISI IF:3.165

Lumupa ce e:

1696. Toscani A.M, Sampayo R.G., Barbas F.M., Fuentes F., Simian M., & Leskow F.C., " Distinct ErbB2 receptor populations differentially interact with beta1 integrin in breast cancer cell models." 2017, @2017

1697. Babel, A., Kruse, L., Bump, S., Meckel, T., Lipid-rafts remain stable even after ionizing radiation induced disintegration of  $\beta 1$  integrin containing focal adhesions, BMC Res Notes.10: 697, 2017, @2017

1698. Kim, J, Fukuto, H. S. , Brown, D. A. , Bliska, J. B. , London, E., Effects of host cell sterol composition upon internalization of Yersinia pseudotuberculosis and clustered beta-1 integrin, J Biol Chem. JBC Papers in Press, 2017, @2017

175. Koumanov K., Tessier C., **Momchilova A.**, Rainteau D, Wolf C., Quinn P.J.. Comparative lipid analysis and structure of detergent-resistant membrane raft fractions isolated from human and ruminant erythrocytes. Arch. Biochem.Biophys., 434, 2005, 150-158. ISI IF:3.017

Lumupa ce e:

1699. Tiala H., "Study on capillaries covalently bound with phospholipid vesicles for open-tubular capillary electrochromatography. PhD Thesis. 2017, @2017

1700. Garcia-Arribas A.B., Gonzalez-Ramirez E.J., Sot J., Areso I., Alonso A., & Goni F. M>, "Complex effects of 24:1 sphingolipids in membranes containing dioleoyl phosphatidylcholine and cholesterol" Langmuir, 2017, @2017

176. **Arabadzhiev, T I.**, Dimitrov, G V, Dimitrova, N A. Simulation analysis of the performance of a novel high sensitive spectral index for quantifying M-wave changes during fatigue. Journal of Electromyography and Kinesiology, 15, 2, 2005, DOI:10.1016/j.jelekin.2004.08.003, 149-158. ISI IF:1.647

Lumupa ce e:

1701. Lee SS, Jang JH, Cho CO, Kim DJ, Moon GP, Kim B, Choi AR, Lee KY: Endurance Capacity of the Biceps Brachii Muscle Using the High-to-Low Ratio between Two Signal Spectral Moments of Surface EMG Signals during Isotonic Contractions, J Electr Eng Technol 2017; 12(4): 1921-28, @2017

177. **Arabadzhiev, T I**, Dimitrov, G V, Dimitrova, N A. Intracellular action potential generation and extinction affect strongly the sensitivity of M-wave characteristic frequencies to changes in the peripheral parameters with muscle fatigue. *Journal of Electromyography and Kinesiology*, 15, 2, Elsevier, 2005, DOI:10.1016/j.jelekin.2004.08.001, 159-169. ISI IF:1.647  
*Lumupa ce e:*
1702. Lee SS, Jang JH, Cho CO, Kim DJ, Moon GP, Kim B, Choi AR, Lee KY: Endurance Capacity of the Biceps Brachii Muscle Using the High-to-Low Ratio between Two Signal Spectral Moments of Surface EMG Signals during Isotonic Contractions, *J Electr Eng Technol* 2017; 12(4): 1921-28, @2017
178. **Atanassov, K. T.**, Pasi, G., Yager, R.. Intuitionistic fuzzy interpretations of multi-criteria multi-person and multi-measurement tool decision making. *International Journal of Systems Science*, 36, 14, Taylor & Francis, 2005, 859-868  
*Lumupa ce e:*
1703. Jiang, W., B Wei, Intuitionistic fuzzy evidential power aggregation operator and its application in multiple criteria decision-making, *International Journal of Systems Science*, Pages 1-13, 2017., @2017
1704. Shen, KY, SK Hu, GH Tzeng, Financial modeling and improvement planning for the life insurance industry by using a rough knowledge based hybrid MCDM model, *Information Sciences*, Volume 375, Pages 296-313. 2017., @2017
1705. Hsiao, SW, HH Lin, YC Ko, Application of Grey Relational Analysis to Decision-Making during Product Development, *EURASIA Journal of Mathematics Science and Technology Education*, 3(6), pp 2581-2600, 2017. DOI: 10.12973/eurasia.2017.01242a., @2017
1706. Rahman, K., MSA Khan, M Ullah, A Fahmi, Multiple attribute group decision making for plant location selection with Pythagorean fuzzy weighted geometric aggregation operator, *The Nucleus*, Vol. 54, No 01, pp 66-74, 2017, @2017
1707. Garg, H., R Arora, A nonlinear-programming methodology for multi-attribute decision-making problem with interval-valued intuitionistic fuzzy soft sets information, *Applied Intelligence*, pp 1-16, 2017., @2017
1708. Yang, W., Z Chen, F Zhang, New group decision making method in intuitionistic fuzzy setting based on TOPSIS, *Journal Technological and Economic Development of Economy*, Volume 23, Issue 3, Pages 441-461, 2017., @2017
1709. Liu, F., W Pedrycz, ZX Wang, WG Zhang, An axiomatic approach to approximation-consistency of triangular fuzzy reciprocal preference relations, *Fuzzy Sets and Systems*, Volume 322, Pages 1-18, 2017., @2017
1710. Verma, M., J Rajasankar, A thermodynamical approach towards group multi-criteria decision making (GMCDM) and its application to human resource selection, *Applied Soft Computing*, Volume 52, Pages 323-332, 2017., @2017
1711. Meng, F., C Tan, A Method for Multi-Attribute Group Decision Making Based on Generalized Interval-Valued Intuitionistic Fuzzy Choquet Integral Operators, *Int. J. Unc. Fuzz. Knowl. Based Syst.*, Vol. 25, Issue 05, pp. 821-849, 2017., @2017
1712. Qu, G., W Qu, Z Zhang, J Wang, Choquet integral correlation coefficient of intuitionistic fuzzy sets and its applications, *Journal: Journal of Intelligent & Fuzzy Systems*, vol. 33, no. 1, pp. 543-553, 2017. DOI: 10.3233/JIFS-162131, @2017
1713. Azarnivand, A., Comment on "Assessing water quality of five typical reservoirs in lower reaches of Yellow River, China: Using a water quality index method" by Wei Hou, Shaohua Sun, Mingquan Wang, Xiang Li, Nuo Zhang, Xiaodong Xin, Li Sun, Wei Li, and Ruibao Jia (2016), [*Ecological Indicators*, 61, 309–316], *Ecological Indicators*, Volume 75, Pages 8-9, 2017., @2017
1714. Tian, F., S Liu, Z Xu, Q Lei, Partial Derivative and Complete Differential of Binary Intuitionistic Fuzzy Functions, *International Journal of Fuzzy Systems*, Volume 19, Issue 2, pp 273–284, 2017., @2017
1715. Gümüş, S., Dynamic Aggregation Operators Based on Intuitionistic Fuzzy Tools and Einstein Operations, *Fuzzy Information and Engineering*, Volume 9, Issue 1, Pages 45-65, 2017., @2017
1716. He, X., Y Wu, Global Research Trends of Intuitionistic Fuzzy Set: A Bibliometric Analysis, *Journal of Intelligent Systems*, 20170240, 2017, @2017
1717. Rouyendegh, B., The Intuitionistic Fuzzy ELECTRE model, *International Journal of Management Science and Engineering Management*, pp 1-7, 2017., @2017
1718. Mukherjee, S., Selection of Alternative Fuels for Sustainable Urban Transportation under Multi-criteria Intuitionistic Fuzzy Environment, *Fuzzy Information and Engineering*, Volume 9, Issue 1, Pages 117-135, 2017., @2017
1719. Liu, C., G Tang, P Liu, An Approach to Multicriteria Group Decision-Making with Unknown Weight Information Based on Pythagorean Fuzzy Uncertain Linguistic Aggregation Operators, *Mathematical Problems in Engineering*, Volume 2017, Article ID 6414020, 18 pages, 2017., @2017
1720. Rahman, K., A Ali, M Shakeel, MSA Khan, M Ullah, Pythagorean Fuzzy Weighted Averaging Aggregation Operator and its Application to Decision Making Theory, *The Nucleus*, Vol. 54, No 03, pp 190-196, 2017, @2017
1721. Lei, Q., Z Xu, Derivatives and Differentials of Intuitionistic Fuzzy Functions, *Intuitionistic Fuzzy Calculus*, In: *Studies in Fuzziness and Soft Computing book series (STUDFUZZ, volume 353)*, pp 21-39, 2017., @2017

1722. Shakeel, M., K Rahman, MSA Khan, M Ullah, Induced Averaging Aggregation Operators with Interval Pythagorean Trapezoidal Fuzzy Numbers and their Application to Group Decision Making, *The Nucleus*, Vol. 54, No. 2, pp 140-153, 2017, @2017
1723. Das, S., D Guha, Similarity measure of intuitionistic fuzzy numbers and its application to clustering, , *International Journal of Mathematics in Operational Research*, Vol. 10, Issue 4, pp 399-430, 2017. Print ISSN: 1757-5850, Online ISSN: 1757-5869, @2017
1724. Long, S., S Geng, Decision framework of solar thermal power plant project under intuitionistic fuzzy environment, *International Journal of Technology, Policy and Management*, Vol. 17, Issue 4, pp. 281–296, 2017., @2017
179. **Krasteva V, Jekova I.** Assessment of ECG frequency and morphology parameters for automatic classification of life-threatening cardiac arrhythmias. *Physiological Measurement*, 26, 5, Institute of Physics IOP Publishing, 2005, ISSN:0967-3334, 707-723. SJR:0.538, ISI IF:1.808
- Lumupa ce e:
1725. Lih OS, Hagiwara Y, Adam M, Sudarshan VK, Koh JE, Hong TJ, Chua CK, San TR, Ng EYK, (2017), Shockable versus nonshockable life-threatening ventricular arrhythmias using DWT and nonlinear features of ECG signals, *Journal of Mechanics in Medicine and Biology*, Vol. 17(7), 1740004 (24 pages), DOI: 10.1142/S0219519417400048, ISSN: 0219-5194, <http://www.worldscientific.com/doi/pdf/10.1142/S0219519417400048> ; N31., @2017
1726. Swerdlow C, Brown M, Bordachar P, (2017), Chapter 4: Sensing and detection with cardiac implantable electronic devices, pp. 114-167, In: *Clinical Cardiac Pacing, Defibrillation and Resynchronization Therapy (Fifth Edition)*, Ed: Ellenbogen K, Wilkoff B, Kay G, Lau CP, Auricchio A, Publisher: Elsevier, ISBN: 978-0-323-37804-8, [Citation N207, page 166], , @2017
180. Netzeva, TI, Aptula, AO, Benfenati, E, Cronin, MTD, Gini, G, **Lessigiarska, I**, Maran, U, Maran, U, Schuurmann, G. Description of the electronic structure of organic chemicals using semiempirical and ab initio methods for development of toxicological QSARs. *JOURNAL OF CHEMICAL INFORMATION AND MODELING*, 45, 1, ACS Publications, 2005, DOI:10.1021/ci049747p, 106-114. ISI IF:3.76
- Lumupa ce e:
1727. Marrero-Ponce, Y; Castaneda, YG; Vivas-Reyes, R; Vergara, FM; Aran, VJ; Castillo-Garit, JA; Perez-Gimenez, F; Torrens, F ; Le-Thi-Thu, H; Pham-The, H; Montenegro, YV; Ibarra-Velarde, F, Dry selection and wet evaluation for the rational discovery of new anthelmintics, *MOLECULAR PHYSICS*, Volume: 115, Issue: 17-18, Pages: 2300-2313, @2017
1728. S Kar, K Roy, J Leszczynski, On Applications of QSARs in Food and Agricultural Sciences: History and Critical Review of Recent Developments, *Advances in QSAR Modeling*, pp 203-302, Part of the Challenges and Advances in Computational Chemistry and Physics book series (COCH, volume 24), @2017
181. **Roeva, O., Pencheva, T.** Generalized Net Model of *Brevibacterium flavul* 22LD Fermentation Process. *International Journal of Bioautomation*, 2, 2005, 17-23
- Lumupa ce e:
1729. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
182. Worth, A.P., Bassan, A., Gallegos, A., Netzeva, T.I., Patlewicz, G., Pavan, M., **Tsakovska, I.**, Vracko, M.. The characterisation of (quantitative) structure-activity relationships: Preliminary guidance. 2005
- Lumupa ce e:
1730. Puzyn, T., et al., Perspectives from the NanoSafety Modelling Cluster on the validation criteria for (Q)SAR models used in nanotechnology, *Food and Chemical Toxicology* (2017), <https://doi.org/10.1016/j.fct.2017.09.037>, @2017
1731. Thomas Luechtefeld and Thomas Hartung. Computational Approaches to Chemical Hazard Assessment. *ALTEX*. 2017;34(4):459-478. doi: 10.14573/altex.1710141., @2017
183. **Roeva, O.** Genetic Algorithms for a Parameter Estimation of a Fermentation Process Model: A Comparison. *International Journal of Bioautomation*, 3, 2005, 19-28. SJR:0.228
- Lumupa ce e:
1732. Golpayegani, G.N., Jafari, A.H. and Dabanloo, N.J. (2017) Providing a Therapeutic Scheduling for HIV Infected Individuals with Genetic Algorithms Using a Cellular Automata Model of HIV Infection in the Peripheral Blood Stream. *J. Biomedical Science and Engineering*, 10, 77-106., @2017
184. **Lessigiarska, I.**, Nankov, A., Bocheva, A., **Pajeva, I.**, Bijev, A.. 3D-QSAR and preliminary evaluation of anti-inflammatory activity of series of N-pyrrolylcarboxylic acids. *Farmaco*, 60, 3, 2005, 209-218. ISI IF:0.79

Lumupa ce e:

1733. Mahdieh Sharifian Anari, Farahnaz K. Behbahani. Four components synthesis of 1, 2, 3, 4-tetrasubstituted pyrroles using iron (iii) phosphate as a green activator. *Lebanese Science Journal*, Vol. 18, No. 2, 2017, 219-225., @2017
1734. Fatahala, SS; Hasabelnaby, S; Goudah, A; Mahmoud, GI; Abd-El Hameed, RH. Pyrrole and Fused Pyrrole Compounds with Bioactivity against Inflammatory Mediators. *MOLECULES*, 22 (3):10.3390/molecules22030461 MAR 2017, @2017
1735. Fatahala, SS., MA Khedr, MS Mohamed. Synthesis and Structure Activity Relationship of Some Indole Derivatives as Potential Anti-inflammatory Agents. *Acta Chimica Slovenica*, [S.l.], v. 64, n. 4, p. 865-876, dec. 2017. ISSN 1580-3155, @2017
1736. Tzankova, Diana, Lily Peikova, Stanislava Vladimirova, & Maya Georgieva. "Synthesis, druglikeness estimation and prediction of possible pharmacological effects of new pyrrole hydrazones." *Scripta Scientifica Pharmaceutica* [Online], 4.2 (2017): 35-41, @2017

185. **Atanassov, Krassimir**. On one type of intuitionistic fuzzy modal operators. *Notes on Intuitionistic Fuzzy Sets*, 11, 5, 2005, 24-28

Lumupa ce e:

1737. Vassia Atanassova and Lyubka Doukovska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017

186. **Roeva, O., Pencheva, T.**, Bentes, I., Nascimento, M.M.. Modelling of temperature control system in fermentation processes using generalized nets and intuitionistic fuzzy logics. *Notes on Intuitionistic Fuzzy Sets*, 11, 4, 2005, 151-157

Lumupa ce e:

1738. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017

187. Levkov Ch, Mihov G, Ivannov R, Daskalov I, **Christov I**, Dotsinsky I. Removal of power-line interference from the ECG: a review of the subtraction procedure. *Biomedical Engineering Online*, 4, 50, 2005, SJR:1.36, ISI IF:1.82

Lumupa ce e:

1739. Essay UK (2017) Emotion recognition based on EEG signal. <http://www.essay.uk.com/free-essays/science/emotion-recognition.php>, @2017
1740. Ravikanth L, Jayas DS, White ND, Fields PG, Sun DW (2017) Extraction of spectral information from hyperspectral data and application of hyperspectral imaging for food and agricultural products. *Food and Bioprocess Technology*, 10, (1), pp. 1-33, <https://link.springer.com/article/10.1007/s11947-016-1817-8>., @2017
1741. Levin M, Bar-tal M (2017) Multi-channel ECG measurement. US patent 9591981 B2, <https://www.google.com/patents/US9591981>, @2017
1742. Kahankova R, Jaros R, Martinek R, Jezewski J, Wen H, Jezewski M, Kawala-Janik A (2017). Non-adaptive methods of fetal ECG signal processing. *Advances in Electrical and Electronic Engineering*, 15, (3), pp. 476-490., @2017
1743. Bhoi AK, Sherpa, KS, Khandelwal B (2017) Baseline drift removal of ECG signal: Comparative analysis of filtering techniques. *Biomedical Engineering: Concepts, Methodologies, Tools, and Applications*, pp. 379-396, @2017
1744. Yue Qiu, Feng Xiao, Haibin Shen (2017) Elimination of power line interference from ECG signals using recurrent neural networks. *Int. Conf. of IEEE Engineering in Medicine and Biology Society*, 11-15 July, Jeju Island, South Korea, pp. 2296-2299., @2017
1745. Yanbing Jiang, Ning Ji, Hui Wang, Xueyu Liu, et al (2017). Comparison of different shielding methods in acquisition of physiological signals. *IEEE Int. Conf. of IEEE Engineering in Medicine and Biology Society*, 11-15 July, Jeju Island, South Korea, pp. 2325-2328., @2017
1746. Zivanovic M, Niegowski M, Lecumberri P, Gómez, M (2017) A low-rank matrix factorization approach for joint harmonic and baseline noise suppression in biopotential signals. *Computer Methods and Programs in Biomedicine*, 141, pp. 59-71, <http://www.sciencedirect.com/science/article/pii/S0169260716305946>., @2017
1747. Albert D, Satchwell BR, Barnett N (2017) Heart monitoring system usable with a smartphone or computer. US patent US 9649042 B2, <https://www.google.com/patents/US9649042>, @2017
1748. Lacirignola F, Pasero E (2017) Hardware design of a wearable ECG-sensor: Strategies implementation for improving CMRR and reducing noise. *European Conference on Circuit Theory and Design*, 4-6 Septembre, Catania, Italy, pp. 1-4., @2017

1749. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114, @2017
1750. Prime D, Rowlands D, O'Keefe S, Dionisio S (2017) Considerations in performing and analyzing the responses of cortico-cortical evoked potentials in stereo-EEG. *Epilepsia*. DOI: 10.1111/epi.13939, @2017
1751. Kocou S, Okoniewski P, Piskowski J (2017) Experimental results of stable time-varying multi-notch filter. *Int. Conf. on Methods and Models in Automation and Robotics*, 28-31 August, Miedzyzdroje, Poland, pp. 243-247., @2017
1752. Spinelli E, Guerrero FN (2017) The biological amplifier. In: *Further Understanding of the Human Machine: The Road to Bioengineering*, Ed: Max Valentinuzzi, pp. 463-500, @2017
1753. Soo-Chang Pei, Wen-Yang Lu, Bo-Yi Guo (2017) Pole-zero assignment of allpass based notch filters. *IEEE Transactions on Circuits and Systems II*, 64, (4), pp. 477-481, @2017
1754. de Waal CG, Kraaijenga JV, Hutten GJ, de Jongh FH, van Kaam AH (2017) Breath detection by transcutaneous electromyography of the diaphragm and the Graseby capsule in preterm infants. *Pediatric Pulmonology*, 52, 12, pp. 1578-1582. DOI: 10.1002/ppul.23895., @2017
1755. Asgari S, Mehrnia A (2017) A novel low-complexity digital filter design for wearable ECG devices. *PloS one*, 12, (4), 19 pages, <http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0175139&type=printable> ., @2017
1756. Salmanvandi M, Einalou Z (2017) Separation of twin fetal ECG from maternal ECG using empirical mode decomposition techniques. *Biomedical Engineering: Applications, Basis and Communications*, 29, (06), 1750042, <http://www.worldscientific.com/doi/ref/10.4015/S1016237217500429>, @2017
1757. Ugranli HG, Yildirim M, Kaçar F (2017) Design of low power DTMOs based FCS and its notch filter application for ECG signals. *Int. J. of Computational and Experimental Science and Engineering*, 3, (1), pp. 29-32, <http://dergipark.gov.tr/download/article-file/318385>, @2017
188. **Atanassova, Vassia**. *Strategies for Decision Making in the Conditions of Intuitionistic Fuzziness*. *Computational Intelligence, Theory and Applications*, 33, Springer, 2005, ISBN:978-3-540-22807-3, DOI:10.1007/3-540-31182-3\_23, 263-269  
Цитира се в:  
1758. Szmjdt, E., & Kacprzyk, J. (2017). A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets. In *Fuzzy Sets, Rough Sets, Multisets and Clustering* (pp. 221-237). Springer International Publishing., @2017
189. Hristozov, I., **Pencheva, T.**, Tzonkov, St., Hitzmann, B.. *Functional State Modelling Approach for Batch Cultivation of Saccharomyces cerevisiae*. *Chemical and Biochemical Engineering Quarterly*, 19, 1, 2005, 69-74. ISI IF:0.53  
Цитира се в:  
1759. Brüning S., I. Gerlach, R. Pörtner, C.-F. Mandenius, V. C. Hass, *Modeling Suspension Cultures of Microbial and Mammalian Cells with an Adaptable Six-Compartment Model*, *Chemical Engineering Technology*, 2017, 40(5), 956-966., @2017
190. **Христов И**. *Премахване на смущения, разпознаване на вълни и измерване на параметри в електрокардиографски сигнали*. Дисертация за присъждане на научна степен "Доктор на техническите науки". БАН, 2005  
Цитира се в:  
1760. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017
191. **Christov I, Jekova I, Bortolan G**. *Premature ventricular contraction classification by the Kth nearest neighbours rule*. *Physiological measurement*, 26, 2005, 123-130. SJR:2.11, ISI IF:1.8  
Цитира се в:  
1761. Naseri E, Ghaffari A, Abdollahzade M (2017) A novel ICA-based clustering algorithm for heart arrhythmia diagnosis. *Pattern Analysis and Applications*, 13 pages, <https://link.springer.com/article/10.1007/s10044-017-0628-5>, @2017  
1762. Sherin Mathews (2017) *Dictionary and deep learning algorithms with applications to remote health monitoring systems*. PhD thesis, University of Delaware, 119 pages, [http://udspace.udel.edu/bitstream/handle/19716/21241/2017\\_MathewsSherin\\_PhD.pdf?sequence=1&isAllowed=y](http://udspace.udel.edu/bitstream/handle/19716/21241/2017_MathewsSherin_PhD.pdf?sequence=1&isAllowed=y), @2017

1763. Kaya Y, Pehlivan H (2017) Classification of premature ventricular contraction beat using basic temporal features. International Advanced Researches & Engineering Congress, 16-18 November, Osmaniye, Turkey, 6 pages, [https://www.researchgate.net/profile/Yasin\\_Kaya/publication/321874099\\_Classification\\_of\\_Premature\\_Ventricular\\_Contraction\\_Beat\\_Using\\_Basic\\_Temporal\\_Features/links/5a376071aca27247ede22c95/Classification-of-Premature-Ventricular-Contraction-Beat-Using-Basic-Temporal-Features.pdf](https://www.researchgate.net/profile/Yasin_Kaya/publication/321874099_Classification_of_Premature_Ventricular_Contraction_Beat_Using_Basic_Temporal_Features/links/5a376071aca27247ede22c95/Classification-of-Premature-Ventricular-Contraction-Beat-Using-Basic-Temporal-Features.pdf), @2017

192. Bortolan G, **Jekova I, Christov I.** Comparison of four methods for premature ventricular contractions and normal beats clustering. Computing in Cardiology, 32, 2005, 921-924. SJR:0.396

Lumupa ce e:

1764. Camacho A, Merayo MG, Núñez M (2017) Using fuzzy automata to diagnose and predict heart problems. Congress on Evolutionary Computation, 5-8 June, San Sebastian, pp. 846-853., @2017

1765. Chandra BS, Sastry CS, Anumandla L, Jana S (2017) dictionary-based monitoring of premature ventricular contractions: An ultra-low-cost point-of-care service. Cornell University, 19 pages, <https://arxiv.org/pdf/1705.08619.pdf>, @2017

1766. Kaya Y, Pehlivan H (2017) Classification of premature ventricular contraction beat using basic temporal features. International Advanced Researches & Engineering Congress, 16-18 November, Osmaniye, Turkey, 6 pages, [https://www.researchgate.net/profile/Yasin\\_Kaya/publication/321874099\\_Classification\\_of\\_Premature\\_Ventricular\\_Contraction\\_Beat\\_Using\\_Basic\\_Temporal\\_Features/links/5a376071aca27247ede22c95/Classification-of-Premature-Ventricular-Contraction-Beat-Using-Basic-Temporal-Features.pdf](https://www.researchgate.net/profile/Yasin_Kaya/publication/321874099_Classification_of_Premature_Ventricular_Contraction_Beat_Using_Basic_Temporal_Features/links/5a376071aca27247ede22c95/Classification-of-Premature-Ventricular-Contraction-Beat-Using-Basic-Temporal-Features.pdf), @2017

193. Herrero G, Gotchev A, **Christov I,** Egiazarian K. Feature extraction for heartbeat classification using independent component analysis and matching pursuits. Acoustics, Speech and Signal Processing, 4, 2005, 725-728

Lumupa ce e:

1767. Jannah N, Hadjiloucas SA (2017) Comparison between ECG beat classifiers using multiclass SVM and SIMCA with time domain PCA feature reduction. Int. Conf. on Modelling & Simulation, 26-27 May, Barcelona, Spain, pp. 126-131 <http://uksim.info/uksim2017/CD/data/2735a126.pdf>, @2017

1768. Chandrakar C, Sharma M (2017) System design approach for heartbeat detection and classification of individuals irrespective of their physical condition. Current Science, 112, (9), pp. 1915-1920, <http://www.currentscience.ac.in/Volumes/112/09/1915.pdf>, @2017

---

## 2006

---

194. Mohammadi B., Krampfl K., Petri S., Bogdanova D., **Kossev A.**, Bufler J., Dengler R.. Selective and nonselective benzodiazepine agonists have different effects on motor cortex excitability.. Muscle & Nerve, 33, 2006, ISSN:0148639X, 778-784. ISI IF:2.456

Lumupa ce e:

1769. Seeger TA, Kirton A, Esser MJ, Gallagher C, Dunn J, Zewdie E, Damji O, Ciechanski P, Barlow KM (2017) Brain Stimulation, 10(2): 305-314., @2017

1770. Mineo L, Concerto C, Patel D, Mayorga T, Paula M, Chusid E, Aguglia E, Battaglia F (2017) Neuropsychobiology, 75(1): 46-51., @2017

195. Fedina, I, Georgieva, K, **Velitchkova, M,** Grigorova, I. Effect of pretreatment of barley seedlings with different salts on the level of UV-B induced and UV-B absorbing compounds. Environm. Exp. Bot., 2006, 225-230. ISI IF:3.359

Lumupa ce e:

1771. M. Sankari, H. Hridya, P. Sneha, C. George Priya Doss, Siva Ramamoorthy. Effect of UV radiation and its implications on carotenoid pathway in Bixa orellana L.. J. Photochem. Photobiol. 176, 136-144. <https://doi.org/10.1016/j.jphotobiol.2017.10.002>, (2017, @2017

1772. Fu, G. & Shen, ZX. (2017) Effects of enhanced UV-B radiation on plant physiology and growth on the Tibetan Plateau: a meta-analysis Acta Physiol Plant (2017) 39: 85. doi:10.1007/s11738-017-2387-8, @2017

196. **Atanassov, K.**, Sotirova, E., Orozova, D.. Generalized Net Model of an Expert System with Frame-type Data Bases. Proceedings of the Jangjeon Mathematical Society, 9, 1, 2006, 91-101

Lumupa ce e:

1773. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

197. **Apostolova, E.L., Dobrikova, A.G.,** Ivanova, P.I., Petkanchin, I.B., **Taneva, S.G.**. Relationship between the organization of the PSII supercomplex and the functions of the photosynthetic apparatus. Journal of Photochemistry and Photobiology B: Biology, 83, 2, 2006, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2005.12.012, 114-122. ISI IF:1.909

Lumupa ce e:

1774. Hou Q.Z., Sun K., Zhang H., Su X., Fan B.Q., Feng H.Q. The responses of photosystem II and intracellular ATP production of Arabidopsis leaves to salt stress are affected by extracellular ATP. J. Plant Res. Nov. 2017. doi: 10.1007/s10265-017-0990-9., @2017

1775. Ramezani M., Abdolmaleki M.K., Shabani S., Dehestani A. The role of potassium phosphite in chlorophyll fluorescence and photosynthetic parameters of downy mildew-challenged cucumber Cucumis sativus plants, Arch. Phytopath. Plant Protection, Dec. 2017, DOI: 10.1080/03235408.2017.1407470., @2017

1776. Lu T., Shi J.-W., Sun Z.-P., Qi M.-F., Liu Y.-F., Li T.-L., Responce of linear and cyclic electron flux to moderate high temperature and light stresses in tomato, Journal of Zhejiang University-Science B (Biomedicine & Biotechnology) 18(7), 2017, 635-648, @2017

1777. Doneva D., Ivanova J., Kabaivanova L., Physiological and biochemical changes in algal cultures of Chlorella vulgaris and Synechocystis salina (mesophilic and antarctic isolates) occuring after treatment with UV-B radiation. Ecological Engineering and Environment Protection, No 1, 2017, 73-82., @2017

1778. Marchin R.M., Turnbull T.L., Deheinzeln A.I., Adams M.A. Does triacylglycerol (TAG) serve a photoprotective function in plant leaves? An examination of leaf lipids under shading and drought. Physiologia Plantarum, 161(3), 2017, 400-413. doi: 10.1111/ppl.12601, @2017

1779. Sarabi B., Bolandnazar S., Ghaderi N., Ghashghaie J. Genotypic differences in physiological and biochemical responses to salinity stress in melon (Cucumis melo L.) plants: Prospects for selection of salt tolerant landraces. Plant Physiology and Biochemistry 119, 2017, 294-311. doi: 10.1016/j.plaphy.2017.09.006, @2017

1780. Wang G., Bi A., Amombo E, Li H., Zhang L., Cheng C., Hu T. and Fu J. Exogenous calcium enhances the photosystem II photochemistry response in salt stressed tall fescue. Frontiers in Plant Science 8, 2017, Article 2032. doi: 10.3389/fpls.2017.02032, @2017

1781. Szopkó D., Darkó É., Molnár I., Kruppa K., Háló B., Vojtkó A., Molnár-Láng M., Dulai S., Photosynthetic responses of a wheat (Asakaze)–barley (Manas) 7H addition line to salt stress, Photosynthetica, 55 (2), 2017, 317-328., @2017

198. Globisch, C., **Pajeva, I.,** Wiese, M.. Structure-Activity Relationships of a Series of Tariquidar Analogs as Multidrug Resistance Modulators. Bioorg. Med. Chem., 14, 5, 2006, 1588-1598. ISI IF:2.624

Lumupa ce e:

1782. Prachayasittikul, V; Worachartcheewan, A; Toropova, AP; Toropov, AA; Schaduangrat, N; Prachayasittikul, V; Nantasenamat, C. Large-scale classification of P-glycoprotein inhibitors using SMILES-based descriptors. SAR AND QSAR IN ENVIRONMENTAL RESEARCH, 28 (1):1-16; 10.1080/1062936X.2016.1264468 2017, @2017

1783. Varma, MV; Lai, YR; El-Kattan, AF. Molecular properties associated with transporter-mediated drug disposition. ADVANCED DRUG DELIVERY REVIEWS, 116 92-99; 10.1016/j.addr.2017.05.014 JUL 1 2017, @2017

199. Pankov R, **Markovska T.,** Antonov P., Ivanova L., **Momchilova A.** The plasma membrane lipid composition affects fusion between cells and model membranes. Chem.Biol.Inter., 164, 2006, 167-173. ISI IF:2.78

Lumupa ce e:

1784. Quittot N., Nguyen P.T., Neree A.T., Lussier M.P., & Bourgault S., "Identification of a conformational hepari-recognition motif on the peptide hormone secretin: Key role for cell surface binding."2017, @2017

1785. Tu-Sekine, B., & Raben D.M., "Chapter Ten-Measuring diacylglycerol kinase-tita activity and binding". Methods in enzymology", 583, 231-253. 2017, @2017

200. **Krasteva V, Jekova I, Christov I.** Automatic detection of premature atrial contractions in the electrocardiogram. Electrotechnika + Electronica (E+E), 9-10, CEEC Bulgaria, 2006, ISSN:0861-4717, 49-55

Lumupa ce e:

1786. Ik-sung Cho, Hyeog-soong Kwon (2017) T Wave Detection Algorithm based on Target Area Extraction through QRS Cancellation and Moving Average. Journal of the Korea Institute of Information and Communication Engineering, Vol. 21 (2), pp.450-460, doi: 10.6109/jkiice.2017.21.2.450, ISSN: 2234-4772; N6., @2017

201. **Christov I**, Simova I. Fully automated method for QT interval measurement in ECG. Computers in Cardiology, 33, 2006, 321-324. SJR:0.396

Lumupa ce e:

1787. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114, @2017

1788. Markendorf S, Lüscher TF, Gerds-Li JH, Schönrrath F, Schmied CM (2017) Clinical impact of repolarization changes in supine versus upright body position. Cardiology Journal. 11 pages, [https://journals.viamedica.pl/cardiology\\_journal/article/download/CJ.a2017.0138/42300](https://journals.viamedica.pl/cardiology_journal/article/download/CJ.a2017.0138/42300), @2017

202. Hinch, D.K., Cacela, C., **Popova, A.V.** Effects of sugars on the stability and structure of lipid membranes during drying. Advances in Planar Lipid Bilayers and Liposomes, (Leitmanova Liu A.L., Ed), 3, Elsevier, 2006, DOI:10.1016/S1554-4516(5)03006-1, 189-217

Lumupa ce e:

1789. Zhang T.J., Pan L.J., Huang Q., Zhu L.H., Yang N., Peng C.L., Chen L. B., 2017, Overexpression of calmodulin gene fragment from Antarctic notothenioid fish improves chilling tolerance in Nicotiana benthamiana, Photosynthetica, in press, DOI: 10.1007/s11099-016-0682-z, @2017

203. **Lessigiarska, I**, Worth, AP, Netzeva, TI, Dearden, JC, Cronin, MTD. Quantitative structure-activity-activity and quantitative structure-activity investigations of human and rodent toxicity. CHEMOSPHERE, 65, 10, Elsevier, 2006, DOI:10.1016/j.chemosphere.2006.03.067, 1878-1887. SJR:1.417, ISI IF:4.506

Lumupa ce e:

1790. Amin, SA ; Adhikari, N; Shukla, V ; Jha, T ; Gayen, S, Structural findings of pyrazolo[1, 5-alpha]pyrimidine compounds for their Pim-1/2 kinase inhibition as potential anticancer agents, INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, olume: 54, Issue: 1-2, Pages: 32-46, @2017

204. **Hadjitodorov S.**, L. I. Kancheva, **L. P. Todorova**. Moderate Diversity for Better Cluster Ensembles. Information Fusion Journal, 7, elsevier, 2006, ISSN:1566-2535, 264-275. SJR:1.75, ISI IF:3.681

Lumupa ce e:

1791. Chen, J.-T., Zhan, J.-M., Xing, J.-Q. Research advance on application of clustering algorithm in name disambiguation, International Conference on Wavelet Analysis and Pattern Recognition, 1, 2017, art. no. 8076656, pp. 18-22, @2017

1792. Fouad, S., Randell, D., Galton, A., Mehanna, H., Landini, G. Unsupervised morphological segmentation of tissue compartments in histopathological images, PLoS ONE, 12(11), 2017, art. no. e0188717. <https://doi.org/10.1371/journal.pone.0188717>, @2017

1793. Chakraborty, Tanmoy, and Noseong Park. "Ensemble-Based Discovery of Disjoint, Overlapping and Fuzzy Community Structures in Networks." arXiv preprint arXiv:1712.02370 (2017)., @2017

1794. Fouad, S., Randell, D., Galton, A., Mehanna, H., & Landini, G. Epithelium and Stroma Identification in Histopathological Images Using Unsupervised and Semi-Supervised Superpixel-Based Segmentation, Journal of Imaging 2017, 3(4), 61; doi:10.3390/jimaging3040061, <http://www.mdpi.com/2313-433X/3/4/61/htm>, @2017

1795. Alhusain, L., Hafez, A.M. Cluster ensemble based on Random Forests for genetic data, BioData Mining, 10(1), 2017, art. no. 37, <https://doi.org/10.1186/s13040-017-0156-2>, <https://biodatamining.biomedcentral.com/articles/10.1186/s13040-017-0156-2>, @2017

1796. Vladimir Berikov, Igor Pestunov. Ensemble clustering based on weighted co-association matrices: Error bound and convergence properties, Pattern Recognition, Volume 63, March 2017, Pages 427–436, ISSN:0031-3203, eISSN:1873-5142, IDS Number:EE7HG, Unique ID:WOS:000389785900034, , @2017

1797. Lei, Yang, et al. "rFILTA: relevant and nonredundant view discovery from collections of clusterings via filtering and ranking." Knowledge and Information Systems 52.1 (2017): 179-219., @2017

1798. Cordeiro de Amorim, R., Shestakov, A., Mirkin, B., Makarenkov, V. The Minkowski central partition as a pointer to a suitable distance exponent and consensus partitioning, Pattern Recognition , 67, 2017, pp. 62 - 72 , , @2017

1799. Belford, Mark, Brian Mac Namee, and Derek Greene. "Stability of Topic Modeling via Matrix Factorization". arXiv preprint arXiv:1702.07186, 2017, and Expert Systems with Applications , 91, 2018, pp. 159 – 169, , @2017

1800. Yang, F; Li, T; Zhou, QF; Xiao, H. Cluster ensemble selection with constraints, NEUROCOMPUTING, 235, pp. 59-70; 10.1016/j.neucom.2017.01.001, APR 26 2017, , @2017

1801. Chiou-Cherng Yeh, Miin-Shen Yang. Evaluation measures for cluster ensembles based on a fuzzy generalized Rand index, *Applied Soft Computing*, Volume 57, August 2017, Pages 225–234, , @2017
1802. Šašić, I., Brdar, S., Lončar-Turukalo, T., Aidos, H., Fred, A. Consensus Clustering for Cancer Gene Expression Data. Large-Scale Analysis using Evidence Accumulation Approach. In *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC 2017) - Volume 3: BIOINFORMATICS*, pages 176-183, ISBN: 978-989-758-214-1, 10.5220/0006174501760183, 2017, @2017
1803. Santosh, K.C., Wendling, L. Pattern recognition based on hierarchical description of decision rules using choquet integral, *Communications in Computer and Information Science* , 709 , 2017, pp. 146 - 158, @2017
1804. Wang, Xueen, Deqiang Han, and Chongzhao Han. "Ensemble clustering based on evidence theory." *Information Fusion (Fusion)*, 2017 20th International Conference on. IEEE, 2017., @2017
1805. Wang, P., Liu, Q., Yang, X., Xu, F. Ensemble re-clustering: Refinement of hard clustering by three-way strategy, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* , 10559 LNCS , 2017, pp. 423 - 430 . DOI [https://doi.org/10.1007/978-3-319-67777-4\\_37](https://doi.org/10.1007/978-3-319-67777-4_37), Print ISBN 978-3-319-67776-7, Online ISBN 978-3-319-67777-4., @2017
1806. Yu, ZW; Zhu, XJ; Wong, HS; You, JE; Zhang, J; Han, GQ. Distribution-Based Cluster Structure Selection, *IEEE TRANSACTIONS ON CYBERNETICS*, 47 (11):3554-3567; 10.1109/TCYB.2016.2569529, NOV 2017, @2017
1807. Hidri, Minyar Sassi, Mohamed Ali Zoghalmi, and Rahma Ben Ayed. "Speeding up the large-scale consensus fuzzy clustering for handling Big Data." *Fuzzy Sets and Systems (2017)*., @2017
1808. Tahani Muqbil Alqurashi. Clustering Ensemble Method, A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy, School of Computing Sciences, University of East Anglia, UK, January, 2017, p.289, , @2017
205. Vracko, M., Bandelj, V., Barbieri, P., Benfenati, E., Chaudhry, Q., Cronin, M., Devillers, J., Gallegos, A., Gini, G., Gramatica, P., Helma, C., Mazzatorta, P., Neagu, D., Netzeva, T., Pavan, M., Patlewicz, G., Randic, M., Tsakovska, I, Worth, A. Validation of counter propagation neural network models for predictive toxicology according to the OECD principles: a case study. *SAR AND QSAR IN ENVIRONMENTAL RESEARCH*, 2006, ISI IF:1.63
- Lumupa ce s:
1809. Ochi, S., Miyao, T. and Funatsu, K. (2017), Structure Modification Toward Applicability Domain of a QSAR/QSPR Model Considering Activity/Property. *Mol. Inf.* doi:10.1002/minf.201700076, @2017
1810. Alexandru Korotcov, Valery Tkachenko, Daniel P. Russo, and Sean Ekins. Comparison of Deep Learning With Multiple Machine Learning Methods and Metrics Using Diverse Drug Discovery Datasets. *Mol. Pharmaceutics*, 2017, 14 (12), pp 4462–4475, @2017
206. Dimitrov, G V, **Arabadzhiev, T I**, Mileva, K N, Bowtell, J L, Crichton, N, Dimitrova, N A. Muscle fatigue during dynamic contractions assessed by new spectral indices. *Medicine & Science in Sports & Exercise*, 38, 11, Lippincott Williams & Wilkins, 2006, ISSN:0195-9131, DOI:10.1249/01.mss.0000233794.31659.6d, 1971-1979. ISI IF:4.459
- Lumupa ce s:
1811. Miranda H, Maia M, de Oliveira CG, Farias D, da Silva JB, Lima VP, Willardson JM, Paz GA: Myoelectric indices of fatigue adopting different rest intervals during leg press sets, *Journal of Bodywork and Movement Therapies*, 2017, DOI: 10.1016/j.jbmt.2017.03.021, @2017
1812. Raj R, Sivanandan KS: Comparative study on estimation of elbow kinematics based on EMG time domain parameters using neural network and ANFIS NARX model, *Journal of Intelligent & Fuzzy Systems*, 2017, 32(1):791-805., @2017
1813. Shair EF, Ahmad SA, Marhaban MH, Mohd Tamrin SB, Abdullah AR: EMG Processing Based Measures of Fatigue Assessment during Manual Lifting, *BioMed Research International* 2017, Article ID 3937254, 12 pages, doi: 10.1155/2017/3937254, @2017
1814. Lee SS, Jang JH, Cho CO, Kim DJ, Moon GP, Kim B, Choi AR, Lee KY: Endurance Capacity of the Biceps Brachii Muscle Using the High-to-Low Ratio between Two Signal Spectral Moments of Surface EMG Signals during Isotonic Contractions, *J Electr Eng Technol* 2017; 12(4): 1921-28, @2017
1815. Paz GA, Willardson JM, Maia M, de Oliveira CG, Farias D, da Silva JB, Lima VP, Miranda H: Myoelectric indices of fatigue adopting different rest intervals during leg press sets, *Journal of Bodywork and Movement Therapies* 2017, doi: 10.1016/j.jbmt.2017.03.021, @2017
1816. Biagetti G, Crippa P, Orcioni S, Turchetti C: Homomorphic Deconvolution for MUAP Estimation from Surface EMG Signals, *IEEE journal of biomedical and health informatics*, 2017, 21(2):328-338, @2017
207. Faucheux, N., **Tzoneva, R.**, Nagel, M., Groth, T.. The dependence of fibrillar adhesions in human fibroblasts on substratum chemistry. *Biomaterials*, 27, 2, Elsevier, 2006, ISSN:0142-9612, DOI:doi:10.1016/j.biomaterials.2005.05.076, 234-245. SJR:2.937, ISI IF:8.557

Lumupa ce s:

1817. S I.Ivanova, S. Chakarov, A. Momchilova, R. Pankov, "Live-cell biosensor for assessment of adhesion qualities of biomaterials". Materials Science and Engineering: C, 78, 1, 2017, 230-238., @2017

1818. Jin Wang, Yong Miao, Yong Huang, Bojie Lin, Liu, Shune Xiao, Lijuan Du, Zhiqi Hu, Malcolm "Bottom-up Nanoencapsulation from Single Cells to Tunable and Scalable Cellular Spheroids for Hair Follicle Regeneration". Advance healthcare materials, 2017, DOI: 10.1002/adhm.201700447, @2017

208. **Roeva O.**. Generalized net model of oxygen control system using intuitionistic fuzzy logic. Proc. of the First Int. Workshop on Intuitionistic Fuzzy Sets, Generalized nets and Knowledge Engineering, 2006, 49-55

Lumupa ce s:

1819. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

209. **Christov I**, Gómez-Herrero G, **Krasteva V**, **Jekova I**, Gotchev A, Egiazarian K. Comparative study of morphological and time-frequency ECG descriptors for heartbeat classification. Medical Engineering & Physics, 28, 9, 2006, 876-887. SJR:2.07, ISI IF:1.82

Lumupa ce s:

1820. Jegan R, Nimi WS, (2017), Low cost and improved performance measures on filtering techniques for ECG signal processing and TCP/IP based monitoring using LabVIEW. 4th Internat. Conf. on Advanced Computing and Communication Systems (ICACCS), 6-7 Jan 2017, Coimbatore, India, 7 pages, <http://ieeexplore.ieee.org/document/8014582/>, doi: 10.1109/ICACCS.2017.8014582, ISBN: 978-1-5090-4559-4; N12., @2017

1821. Hama K, Shibui T, Yana K, Wakabayashi S, Hung NP, (2017), An ISHNE based Long-term ECG-HRV Data Format. International Journal of Bioelectromagnetism, vol. 19(1), pp. 1-5, ISSN: 1456-7857, [http://www.ijbem.org/volume19/number1/ijbem\\_vol19\\_no1\\_pp1-5.pdf](http://www.ijbem.org/volume19/number1/ijbem_vol19_no1_pp1-5.pdf); N3., @2017

1822. Al Hasan Haldar N, Khan FA, Ali A, Abbas H, (2017), Arrhythmia classification using Mahalanobis distance based improved fuzzy C-means clustering for mobile health monitoring systems. Neurocomputing, vol. 220, pp.221-235, ISSN: 0925-2312; N52., @2017

1823. Tan R, Perkowski M, (2017), Toward Improving Electrocardiogram (ECG) Biometric Verification using Mobile Sensors: A Two-Stage Classifier Approach, Sensors, 17(2), pp.410-455; doi:10.3390/s17020410, ISSN 1424-8220; N22., @2017

1824. Leite JP, Moreno R (2017) Heartbeat classification with low computational cost using Hjorth parameters. IET Signal Processing, 7 pages., @2017

1825. Xunde Dong, Cong Wang, Wenjie Sia, (2017), ECG beat classification via deterministic learning, Neurocomputing, vol. 240, pp.1-12, <http://dx.doi.org/10.1016/j.neucom.2017.02.056>, ISSN: 0925-2312, <http://www.sciencedirect.com/science/article/pii/S0925231217303478>; N22., @2017

1826. Chandrakar C, Sharma M, (2017), Approach for design of early warning monitoring system for detection of the abnormal cardiac behaviour of any individual, Biomedical Research, 28 (1), pp. 81-86, ISSN 0970-938X; N25., @2017

1827. Naseri E, Ghaffari A, Abdollahzade M, (2017), A novel ICA-based clustering algorithm for heart arrhythmia diagnosis. Pattern Analysis and Applications, 13 pages, doi: 10.1007/s10044-017-0628-5, ISSN: 1433-7541, <https://link.springer.com/article/10.1007/s10044-017-0628-5>; N11., @2017

1828. Kaya Y, Pehlivan H, Tenekeci ME (2017) Effective ECG beat classification using higher order statistic features and genetic feature selection. Biomedical Research, 28, (17), pp. 7594-7603, <http://www.alliedacademies.org/articles/effective-ecg-beat-classification-using-higher-order-statistic-features-and-genetic-feature-selection.pdf>; N12, @2017

1829. Chandrakar C, Sharma M (2017) System design approach for heartbeat detection and classification of individuals irrespective of their physical condition. Current Science, vol. 112 (9), pp. 1915-1920, ISSN 0011-3891, <http://www.currentscience.ac.in/Volumes/112/09/1915.pdf>; N29., @2017

1830. Chia NG, Hau YW, Jamaludin MN (2017) Robust arrhythmia classifier using wavelet transform and support vector machine classification. 2017 IEEE 13th International Colloquium on Signal Processing & its Applications (CSPA), 10-12 March, Penang, Malaysia, pp. 243-248, doi: 10.1109/CSPA.2017.8064959, ISBN: 978-1-5090-1184-1, <http://ieeexplore.ieee.org/abstract/document/8064959/>, @2017

1831. Chandrakar C, Sharma M, (2017), Qualitative features selection techniques by profiling statistical features of ECG for classification of heart beats. Biomedical Research, vol. 28 (2), pp. 571-576, ISSN 0970-938X; N29., @2017

1832. Mašetić Z., Kečo D, Dođru N, Hajdarević K (2017) SYN flood attack detection in cloud computing using support vector machine. TEM Journal, 6, (4), pp. 752-759, ISSN 2217-8309, [http://www.temjournal.com/content/64/TemJournalNovember2017\\_752\\_759.pdf](http://www.temjournal.com/content/64/TemJournalNovember2017_752_759.pdf), @2017

1833. Maršánová L, Ronzhina M, Smíšek R, Vítek M, Němcová A, Smítal L, Nováková M, (2017), ECG features and methods for automatic classification of ventricular premature and ischemic heartbeats: A comprehensive experimental study, Scientific Reports, 7: 11239, DOI:10.1038/s41598-017-10942-6, <https://www.nature.com/articles/s41598-017-10942-6>; N35., @2017

- 210. Tsakovska, I., Pajeva, I.** Phenothiazines and structurally related compounds as modulators of cancer multidrug resistance. CURRENT DRUG TARGETS, 7, 2006, ISSN:ISSN: 1389-4501, 1123-1134. ISI IF:4.274  
Lumupa ce e:  
**1834.** Andrea Astolfi, Tommaso Felicetti, Nunzio Iraci, Giuseppe Manfroni, Serena Massari, Donatella Pietrella, Oriana Tabarrini, Glenn W. Kaatz, Maria L. Barreca, Stefano Sabatini, and Violetta Cecchetti. Pharmacophore-Based Repositioning of Approved Drugs as Novel Staphylococcus aureus NorA Efflux Pump Inhibitors. JOURNAL OF MEDICINAL CHEMISTRY, 60 (4):1598-1604; 10.1021/acs.jmedchem.6b01439 FEB 23 2017, @2017  
**1835.** Mishra R., Sareen S., Sharma B., Goyal S., Kaur G., Bhardwaj S., Siddiqui A.A., Husain A., Singla R.K., Rashid M., Kumar D., Sati B., Shalmali N., Kumar R. Phenothiazines and related drugs as multi drug resistance reversal agents in cancer chemotherapy mediated by p-glycoprotein. Current Cancer Therapy Reviews, 13 (1), pp.28-42., @2017
- 211. Stephanova DI, Alexandrov AS.** Simulating mild systematic and focal demyelinating neuropathies: membrane property abnormalities. J. Integr. Neurosci, 5, Imperial College Press, 2006, 595-623. ISI IF:1.121  
Lumupa ce e:  
**1836.** Pyun SY, Kang MR, Lee JY, Kuk KJ, Oh SI, Bae JS (2017): Early discrimination of sensorimotor Guillain-Barré syndrome into demyelinating or axonal subtype by automated excitability testing, Journal of the Peripheral Nervous System, 22(2):85-91, ISSN:10859489., @2017
- 212. Georgieva, O., Pencheva, T., Krawczak, M.** An Application of Generalized Nets with Intuitionistic Fuzzy Sets for Modelling of Biotechnological Processes with Distributed Parameters. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 3, 2006, 5-10  
Lumupa ce e:  
**1837.** Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017  
**1838.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
- 213. Roeva, O., Pencheva, T., Viesturs, U., Tzonkov, St.** Modelling of Fermentation Processes Based on State Decomposition. International Journal Bioautomation, 5, 2006, 1-12  
Lumupa ce e:  
**1839.** Zlatkova A., V. Lyubenova, Dynamics Monitoring of Fed-batch E. coli Fermentation, International Journal Bioautomation, 2017, 21(1), 121-132., @2017
- 214. Atanassov, Krassimir.** The most general form of one type of intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, 12, 2, 2006, 36-38  
Lumupa ce e:  
**1840.** interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017
- 215. Pencheva, T., Georgiev, P., Roeva, O.** A Comparison of Wastewater Treatment Modelling with Partial Differential Equations and Generalized Nets. Proceedings of the 1-st International Workshop on Intuitionistic Fuzzy Sets, Generalized Nets and Knowledge Engineering, 2006, 105-110  
Lumupa ce e:  
**1841.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
- 216. Roeva, O., Pencheva, T.** Generalized Net Model of pH Control System in Biotechnological Processes. Proceedings of Seventh International Workshop on Generalized Nets, 2006, 20-24  
Lumupa ce e:  
**1842.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

217. **Atanassov, K.**, G. Gluhchev, **S. Hadjitodorov**, J. Kacprzyk, A. Shannon, E. Szmidt, V. Vassilev. Generalized Nets Decision Making and Pattern Recognition.. Warszawa 2006, Warsaw School of Information Technology, Warsaw School of Information Technology, 2006, 168  
[Lumupa ce e:](#)  
1843. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
218. Georgiev, P., **Roeva, O.**, **Pencheva, T.**, Szmidt, E.. Generalized Net Model of Wastewater Treatment Process in System "Biological Reservoir – Sedimentor". Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 3, 2006, 11-16  
[Lumupa ce e:](#)  
1844. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017  
1845. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017  
1846. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 2017, 21(1), 133-144., @2017
219. Stoitchkova, K., **Busheva, M.**, **Apostolova, E.**, Andreeva, A.. Changes in the energy distribution in mutant thylakoid membranes of pea with modified pigment content. II. Changes due to magnesium ions concentration. Journal of Photochemistry and Photobiology B: Biology, 83, 1, European Society for Photobiology, Elsevier, 2006, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2005.11.011, 11-20. ISI IF:1.909  
[Lumupa ce e:](#)  
1847. B. Sarabi, S. Bolanduzaz, N. Ghaderi, J. Ghashghaie, Genotypic differences in physiological and biochemical responses to salinity stress in melon (Cucumis melo L.) plants: Prospects for selection of salt tolerant landrace, Plant Physiol. Biochem, 119, 294-311, @2017  
1848. W. Huang, H. Shao, S. Zhou, W. Xing, Modulation of cadmium-induced phytotoxicity in *Cabomba caroliniana* by urea involves photosynthetic metabolism and antioxidant status, Ecotoxicol. Env. Safety, 144, 88-96., @2017
220. **Roeva, O.** A Modified Genetic Algorithm for a Parameter Identification of Fermentation Processes. Biotechnology and Biotechnological Equipment, 20, 1, Taylor & Francis, 2006, ISSN:1310-2818, 202-209. ISI IF:0.3  
[Lumupa ce e:](#)  
1849. A.V. Senthil Kumar, Ensemble Online Sequential Extreme Learning Machine and Swarm Intelligent Based Feature Selection for Cleveland Heart Disease Prediction System, Advanced Trends in Computer Science and Engineering, 6(5), 2017, 84-91, @2017
221. **Christov I.**, Dotsinsky I, Simova I., Prokopova R, Trendafilova E, Naydenov S. Dataset of manually measured QT intervals in the electrocardiogram. Biomedical Engineering Online, 5, 31, 2006, 1-887. SJR:1.36, ISI IF:1.42  
[Lumupa ce e:](#)  
1850. Brani Vidakovic (2017) The sample and its properties pp. 9-72, in Engineering Biostatistics: An Introduction Using MATLAB and WinBUGS. © Wiley, 809 pages, @2017  
1851. Diker A, Cömert Z, Engin A (2017) A diagnostic model for identification of myocardial infarction from electrocardiography signals. Bitlis Eren University Journal of Science and Technology, 7, (2), pp. 132-139, <http://dergipark.gov.tr/download/article-file/391316>, @2017
222. **Atanassov, K.**, S. Sotirov. Optimization of a neural network of self-organizing maps type with time-limits by a generalized net. Advanced Studies on Contemporary Mathematics, 13, 2, 2006, 213-220. SJR:0.682  
[Lumupa ce e:](#)  
1852. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
223. Nikolova M., Pondev N., **Christova L.**, Wolf W., **Kossev A.** Motor cortex excitability changes preceding voluntary muscle activity in simple reaction time task.. Eur. J. Appl. Physiol., 98, 2006, ISSN:14396319, 212-219. ISI IF:1.601  
[Lumupa ce e:](#)

1853. Smith C (2017) Investigating the role of the primary motor cortex in the StartReact effect using transcranial magnetic stimulation, University of Ottawa, Canada (Thesis), @2017
224. Christova M.I., Pondev N.G., **Christova L.G.**, Wolf W., Dengler R., Kossev A.R.. Motor cortex excitability during unilateral muscle activity.. J. Electromyogr. Kinesiol., 16, 2006, ISSN:16:477-484. (ISSN: 10506411), 477-484. ISI IF:1.725  
*Lumupa ce e:*  
1854. Matsuya R (2017) Behavioral correlates of corticomuscular coherence and its underlying neural circuitry, Keio University, Japan (Thesis), @2017  
1855. Matsuya R, Ushiyama J, Ushiba J (2017) Scientific Reports 7, Article number: 44417. doi:10.1038/srep44417, @2017
225. Kuncheva, L. I., **S. T. Hadjitodorov, L. P. Todorova**. Experimental comparison of cluster ensemble methods. Proc. FUSION 2006, Florence, Italy, 9-15 June, 2006, 2006  
*Lumupa ce e:*  
1856. Carton, C., Lemaitre, A. & Couasnon, B. Eyes Wide Open: an interactive learning method for the design of rule-based systems, International Journal on Document Analysis and Recognition (IJ DAR), 2017, pp 1–13, doi:10.1007/s10032-017-0282-x , , @2017  
1857. Galdi, P., Fratello, M., Trojsi, F. et al. Consensus-based feature extraction in rs-fMRI data analysis, Soft Computing , 2017, pp 1–11, doi:10.1007/s00500-017-2596-5 , , @2017  
1858. Libal, Urszula, and Zygmunt Hasiewicz. "Risk upper bound for a NM-type multiresolution classification scheme of random signals by Daubechies wavelets." Engineering Applications of Artificial Intelligence 62: 109-123, 2017, @2017  
1859. Libal, U., Hasiewicz, Z. Risk upper bound for a NM-type multiresolution classification scheme of random signals by Daubechies wavelets, Engineering Applications of Artificial Intelligence , 62 , 2017, pp. 109 - 123 ., @2017  
1860. Jianxia Li ; Ruo Chen Liu ; Mingyang Zhang ; Yangyang Li. Ensemble-based multi-objective clustering algorithms for gene expression data sets, Proc. 2017 IEEE Congress on Evolutionary Computation (CEC), 5-8 June 2017, San Sebastian, Spain, art. no. 7969331 , pp. 333 - 340 , Electronic ISBN: 978-1-5090-4601-0, Print on Demand(PoD) ISBN: 978-1-5090-4602-7, INSPEC Accession Number: 17013877, DOI: 10.1109/CEC.2017.7969331 , , @2017  
1861. LA Pasa, JAF Costa, MG Medeiros. An ensemble algorithm for Kohonen self-organizing map with different sizes, Logic Journal of the IGPL, 2017, jzx046, , @2017  
1862. Gañçarski, P., Cornuéjols, A., Wemmert, C., Bennani, Y. "Clustering collaboratif: Principes et mise en œuvre." BDA'17, Novembre 2017, Nancy, France, , @2017  
1863. Tahani Muqbil Alqurashi. Clustering Ensemble Method, A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy, School of Computing Sciences, University of East Anglia, UK, January, 2017, p.289, , @2017  
1864. Ünlü, R. & Xanthopoulos, P. A weighted framework for unsupervised ensemble learning based on internal quality measures, Ann Oper Res (2017), pp 1–19, https://doi.org/10.1007/s10479-017-2716-8, Springer US, Print ISSN0254-5330 , Online ISSN1572-9338, @2017  
1865. Zhang, S., Yang, Z., Xing, X., Gao, Y., Xie, D., & Wong, H. S. "Generalized Pair-Counting Similarity Measures for Clustering and Cluster Ensembles". IEEE Access, 5, 16904-16918., @2017

---

## 2007

---

226. **Dobrikova, A.**, Dimitrov, M., **Taneva, S.G.**, Petkanchin, I.. Protein-coated beta-Ferric Hydrous Oxide Particles. An Electrokinetic and Electrooptic Study. Colloids and Surfaces B: Biointerfaces, 56, 1-2, Elsevier, 2007, ISSN:0927-7765, DOI:10.1016/j.colsurfb.2006.11.034, 114-120. ISI IF:2.109  
*Lumupa ce e:*  
1866. Pan H., Pan Y., Song L. and Hu Y. Construction of  $\beta$ -FeOOH nanorod-filled layer-by-layer coating with effective structure to reduce flammability of flexible polyurethane foam. Polymers for Advanced Technologies, Vol. 28(2), 2017, 243–251. doi: 10.1002/pat.3880, @2017
227. Iliev I, **Krasteva V**, Tabakov S. Real-time detection of pathological cardiac events in the electrocardiogram. Physiological Measurement, 28, Institute of Physics IOP Publishing, 2007, ISSN:0967-3334, 259-276. SJR:0.538, ISI IF:1.808

Lumupa ce e:

1867. Chandrakar C, Sharma M, (2017), Approach for design of early warning monitoring system for detection of the abnormal cardiac behaviour of any individual, Biomedical Research, 28 (1), pp. 81-86, ISSN 0970-938X; N14., @2017
1868. Ho-Tsung Hsin, Yun-Kai Lee, Cheng-Wei Lu, Tzu-Yu Lin, Jiann-Shing Shieh, (2017 in press), Heart Rate Variability of a Heart Reviving from Extracorporeal Circulation, International Journal of Gerontology, <https://doi.org/10.1016/j.ijge.2017.08.002> , <http://www.sciencedirect.com/science/article/pii/S1873959817301515> ; N7., @2017
1869. Chandrakar C, Sharma M (2017) System design approach for heartbeat detection and classification of individuals irrespective of their physical condition. Cerrrent Science, vol. 112 (9), pp. 1915-1920, ISSN 0011-3891, <http://www.currentscience.ac.in/Volumes/112/09/1915.pdf>; N17, @2017
1870. Chandrakar C, Sharma M, (2017), Qualitative features selection techniques by profiling statistical features of ECG for classification of heart beats. Biomedical Research, vol. 28 (2), pp. 571-576, ISSN 0970-938X; N30., @2017

228. Todorova, L.. On an Intuitionistic Fuzzy Approach for Decision Making in Medicine: Part 2. Bioautomation International Journal, 7, 2007, 64-69. SJR:0.228

Lumupa ce e:

1871. JEMAL, Hanen; KECHAOU, Zied; BEN AYED, Mounir. "Enhanced Decision Support Systems in Intensive Care Unit Based on Intuitionistic Fuzzy Sets". Advances in Fuzzy Systems, 2017, 2017., @2017

229. Todorova, L., P. Vassilev, P. Georgiev. Generalized net model of aggregation algorithm for intuitionistic fuzzy estimates of classification. 2007

Lumupa ce e:

1872. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017

230. Matveev M, Krasteva V, Naydenov S, Donova T. Possibilities of signal-averaged orthogonal and vector electrocardiography for locating and size evaluation of acute myocardial infarction with ST-elevation. The Anatolian Journal of Cardiology (Anadolu Kardiyoloji Dergisi), 7, 1, Turkish Society of Cardiology, 2007, ISSN:1302-8723, 193-197. SJR:0.214, ISI IF:0.927

Lumupa ce e:

1873. Shturman A, Vardi S, Bickel A, Atar S, (2017), Ventricular late potentials immediately after ST-elevation myocardial infarction and very long-term mortality, Israel Medical Association Journal, Vol. 19(4), pp. 246-250, ISSN: 1565-1088, <https://www.ima.org.il/FilesUpload/IMAJ/0/233/116953.pdf>; N15., @2017

231. Dimitrova, D.Z., Mihov, D.N., Wang, R., Bolton, T.B., Duridanova, D.B.. Contractile effect of ghrelin on isolated guinea-pig renal arteries. Vascular Pharmacology, 47 (1), 47(1), 2007, 31-40. ISI IF:2.97

Lumupa ce e:

1874. Okuhara, Yuji, Kaiya, Hiroyuki, Teraoka, Hiroki, Kitazawa, Takio. "Structural determination, distribution, and physiological actions of ghrelin in the guinea pig". Peptides 99: 70-81, 2017, DOI10.1016/j.peptides.2017.11.010, @2017

232. Christov I, Simova I. Q-onset and T-end delineation: Assessment of the performance of an automated method with the use of a reference database. Physiological measurement, 28, 2, 2007, 213-221. SJR:2.11, ISI IF:1.8

Lumupa ce e:

1875. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114, @2017

233. Saliner, AG., Tsakovska, I., Pavan, M., Patlewicz, G., Worth, AP.. Evaluation of SARs for the prediction of skin irritation/corrosion potential: structural inclusion rules in the BfR decision support system. SAR and QSAR in Environmental Research, 2007, ISSN:1029-046X, ISI IF:1.795

Lumupa ce e:

1876. Guidance on the BPR: Volume III Human Health Assessment & Evaluation (Parts B+C), ECHA-17-G-04-EN, ISBN: 978-92-9495-757-3, 978-92-9495-757-3., @2017

234. **Christov I.** Assessment of the performance of the adaptive thresholding algorithm for QRS detection with the use of AHA database. *Bioautomation*, 6, 2007, 27-37. SJR:0.132

Lumupa ce e:

1877. Razavi SR, Mohammadi MHD (2017) R-peak detection in electrocardiogram signals using continuous wavelet transform, *Int. J. Bioautomation*, 21, (2), 165-78, [http://www.cibme.bas.bg/bioautomation//2017/vol\\_21.2/files/21.2\\_01.pdf](http://www.cibme.bas.bg/bioautomation//2017/vol_21.2/files/21.2_01.pdf), @2017

1878. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

235. Mueller, H., Klinkhammer, W., Globisch, C., Kassack, M., **Pajeva, I.**, Wiese, M.. New functional assay of P-glycoprotein activity using Hoechst 33342. *Bioorg. Med. Chem*, 15, 2007, 7470-7479. ISI IF:2.662

Lumupa ce e:

1879. Westfall, DA; Krishnamoorthy, G; Wolloscheck, D; Sarkar, R; Zgurskaya, HI; Rybenkov, VV. Bifurcation kinetics of drug uptake by Gram-negative bacteria. *PLOS ONE*, 12 (9):10.1371/journal.pone.0184671 SEP 19 2017, @2017

1880. Krishnamoorthy G, Leus IV, Weeks JW, Wolloscheck D, Rybenkov VV, Zgurskaya HI. 2017. Synergy between active efflux and outer membrane diffusion defines rules of antibiotic permeation into Gram-negative bacteria. *mBio* 8:e01172-17. <https://doi.org/10.1128/mBio.01172-17>, @2017

236. **Tzoneva R**, Fauchaux N, Groth T. Wettability of substrata controls cell–substrate and cell–cell adhesions. *Biochimica et Biophysica Acta (BBA)-General Subjects*, 1770, 11, Elsevier, 2007, ISSN:0304-4165, 1538-1547. ISI IF:4.381

Lumupa ce e:

1881. Impact of Cleaning Procedures on Adhesion of Living Cells to Three Abutment Materials, Mehl, Christian; Kern, Matthias; Zimmermann, Anna; Harder, Sönke; Huth, Steven; Selhuber-Unkel, Christine, *International Journal of Oral & Maxillofacial Implants* . 2017, Vol. 32 Issue 5, p976-984., @2017

1882. Diatomite reinforced chitosan composite membrane as potential scaffold for guided bone regeneration, Sedef Tamburaci, FundaTihminlioglu, *Materials Science and Engineering: C Volume 80*, 1 November 2017, Pages 222-231., @2017

1883. Chapter 8 – Contact Angle Measurement Techniques for Nanomaterials, Gurram Giridhar, R.K.N.R. Manepalli, Gudimamilla Apparao, *Thermal and Rheological Measurement Techniques for Nanomaterials Characterization A volume in Micro and Nano Technologies*, 2017, Pages 173–195, @2017

1884. Solution blow spinning fibres: New immunologically inert substrates for the analysis of cell adhesion and motility, Rafaella T.Paschoalina, Bruna Traldia Gülcan, Aydin Juliano E.Oliveirad, Stephan Rüttene, Luiz H.C.Mattoso, MartinZenke, Antonio Sechi, *Acta Biomaterialia*, 51, 15 March 2017, 161-174, @2017

1885. Fabrication of electrospun HPGL scaffolds via glycidyl methacrylate cross-linker: Morphology, mechanical and biological properties, F. J. Costa Baratéla, O Z. Higa, E. D. dos Passos, A. A. Alencar de Queiroz, *Materials Science and Engineering: C*, 73, 72–79, @2017

1886. Paschoalin, R. T., Traldi, B., Aydin, G., Oliveira, J. E., Rütten, S., Mattoso, L. H., Zenke M., Sechi, A. "Solution blow spinning fibres: New immunologically inert substrates for the analysis of cell adhesion and motilit." *Acta Biomater*, 51, 2017, 161-174., @2017

1887. N. Salehi-Nika, Z. Malaie-Balasi, G. Amoabediny, S. Parnian Banikarimi , B. Zandieh-Doulabi, J.-Klein-Nulend. "Sustained release of growth hormone and sodium nitrite from biomimetic collagen coating immobilized on silicone tubes improves endothelialization". *Materials Science and Engineering: C*, 77, 2017, 1204-1215., @2017

1888. S. Tamburaci, F.Tihminlioglu. "Apreinforced chitosan composite membrane as potential scaffold for guided bone regeneration".*Materials Science and Engineering: C*, 80, 1 2017, 222-231, @2017

1889. S. Mi Baek, M. Hwan Shin, J. Moon, H. Sang Jung, S. Am Lee, W. Bong Hwang, J. Taek Yeom, S. Kwang Hahn, H. Seop Kima. "Superior Pre-Osteoblast Cell Response of Etched Ultrafine-Grained Titanium with a Controlled Crystallographic Orientation". *Sci Rep.*, 7: 44213, 2017., @2017

237. **Jekova I.** Shock advisory tool: Detection of life-threatening cardiac arrhythmias and shock success prediction by means of a common parameter set. *Biomedical Signal Processing & Control*, 2, ELSEVIER, 2007, ISSN:1746-8094, 25-33. ISI IF:1.419

Lumupa ce e:

1890. Lih OS, Hagiwara Y, Adam M, Sudarshan VK, Koh JE, Hong TJ, Chua CK, San TR, Ng EYK, 2017, "Shockable versus nonshockable life-threatening ventricular arrhythmias using DWT and nonlinear features of ECG signals", Journal of Mechanics in Medicine and Biology, Vol. 17(7), 1740004 (24 pages), DOI: 10.1142/S0219519417400048, ISSN: 0219-5194, <http://www.worldscientific.com/doi/pdf/10.1142/S0219519417400048> ; N30., @2017
238. Moro, F., Taneva, S.G., Velazquez-Campoy, A., Muga, A.. GrpE N-terminal domain contributes to the interaction with DnaK and modulates the dynamics of the chaperone substrate binding domain. Elsevier, 374, 4, Journal of Molecular Biology, 2007, ISSN:0022-2836, DOI:10.1016/j.jmb.2007.10.002, 1054-1064. ISI IF:4.472
- Lumupa ce e:
1891. Analysis and Profiling of Leishmania major Expressed Sequence Tags Kaabi, B; Ahmed, SB; Soli, R; Maktouf, C IRBM 2017, 38 (3) 149-155, @2017
239. Popova, A.V., Hinch, D.K.. Effects of cholesterol on dry bilayers: Interactions between phosphatidylcholine unsaturation and glycolipid or free sugar. Biophysical Journal, 93, 4, 2007, 1204-1214. ISI IF:4.627
- Lumupa ce e:
1892. Rasoulianboroujeni, M., Kupgan, G., Moghadam, F., Tahriri, M., Boughdachi, A., Khoshkenar, P., Ambrose, J.J., Kiaie, N., Vashae, D., Ramsey, J.D., Tayebi, L., 2017, Development of a DNA-liposome complex for gene delivery applications, Materials Science and Engineering C, 75, 191-197., @2017
1893. Nematollahi M.H., Pardakhty A., Torkzadeh-Mahanai M., Mehrabani M., Asadikaram G., 2017, Changes in physical and chemical properties of noisome membrane induced by cholesterol: A promising approach for noisome bilayer intervention, RSC Advances, 7 (78) p. 49463-49472, @2017
1894. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2017, Phase behaviour of dehydrated phosphatidylcholines, Journal of Thermal Analysis and Calorimetry, 127 (1) 415-421, DOI: 10.1007/s10973-016-5957-x, @2017
240. Worth, AP., Bassan, A., de Bruijn, J., Saliner, A., Netzeva, T., Patlewicz, G., Pavan, M., Tsakovska, I., Eisenreich, S.. The role of the European Chemicals Bureau in promoting the regulatory use of (Q)SAR methods. SAR AND QSAR IN ENVIRONMENTAL RESEARCH, 2007, ISSN:1029-046X, ISI IF:1.795
- Lumupa ce e:
1895. Amit Kumar Tiwari, Preveena Narasimhamurthy, Gopalpur Nagendrappa, Abhilash Thakur. QSAR Modeling for Relative Toxicity Prediction of (3-(2-chloroquinolin-3-yl)oxiran-2-yl)(phenyl) methanone Derivatives. Current Research in Pharmaceutical Sciences 2017; 07 (01): 16-24., @2017
1896. Yudith Carizares-Carmenate, Mirelys Hernandez-Morfa, Francisco Torrens, Gloria Castellano & Juan A. Castillo-Garit. Larvicidal activity prediction against Aedes aegypti mosquito using computational tools. J Vector Borne Dis 54, June 2017, pp. 164–171, @2017
1897. Nikita Basant, Shikha Gupta. QSAR modeling for predicting mutagenic toxicity of diverse chemicals for regulatory purposes. Environmental Science and Pollution Research, 2017, Volume 24, Number 16, Page 14430., @2017
1898. P. Ruiz a, A. Sack, M. Wampole, S. Bobst, M. Vracko. Integration of in silico methods and computational systems biology to explore endocrine-disrupting chemical binding with nuclear hormone receptors. Chemosphere 178 (2017) 99e109., @2017
241. Pouchkina-Stantcheva, N.N., McGee, B.M., Boschetti, C., Tolleter, D., Chakrabortee, S., Popova, A.V., Meersman, F., Macherel, D., Hinch, D.K., Tunnacliffe, A.. Functional Divergence of Former Alleles in an Ancient Asexual Invertebrate. Science, 318, 5848, 2007, DOI:DOI: 10.1126/science.1144363, 268-271. ISI IF:31
- Lumupa ce e:
1899. Alvarado-Flores J., Guerrero-Jimenez G., Silva-Briano M., Adabache-Ortiz A., Delgado-Saucedo J.J., Perez-Yanez D., Marin-Chan A.G., DeGante Flores M., Arroyo Castro J.L., Kordbacheh A., Walsh E.J., Rico-Martinez R., 2017, Sexual reproductive biology of twelve species of rotifers in the genera: Brachionus, Cephalodella, Collotheca, Epiphanes, Filinia, Lecane, and Trichocerca, Marine and Freshwater Behaviour and Physiology, 50 (2) pp.141-163., @2017
1900. Fradin H., Kiontke K., Zegar C., Gutwein M., Lucas J., Kovtun M., Corcoran D.L., Baugh L.R., Fitch D.H.A., Piano F., Gunsalus K.C., 2017, Genome Architecture and Evolution of a Unichromosomal Asexual Nematode, Current Biology, 27 (19) 2928-2939, @2017
1901. Dube C., Planes S., Zhou Y., Berteaux-Lecellier V., Boissin E., 2017, On the occurrence of intracolony genotypic variability in highly clonal populations of the hydrocoral Millepora platyphylla at Moorea (French Polynesia), Scientific Reports, 1 November 2017, DOI: 10.1038/s41598-017-14684-3 • License: CC BY 4.0, @2017

1902. Schiffer P.H., Danchin E., Burnell A.M., Schiffer A.-M., Creevey C., Wong S., Dix I., O'Mahony G., Culleton A., Rancurel C., Stier G., Martinez-Salazar B., Marconi A., Trivedi U., Kroihner M., Thome M.A.S., Schierenberg E., 2017, Signatures of the evolution of parthenogenesis and cryptobiosis in the genomes of panagrolaimid nematodes, bioRxiv, doi: <https://doi.org/10.1101/159152>, @2017
1903. Ricci C., 2016, Bdelloid rotifers: 'sleeping beauties' and 'evolutionary scandals', but not only, *Hydrobiologia*, 796 (1), 277-285, DOI: 10.1007/s10750-016-2919-z, @2017
242. Fedina, I., **Velitchkova, M**, Georgieva, K, Demirevska, K, Simova, L. UV-B response of green and etiolated barley seedlings. *Biol. Plant.*, 51, 4, 2007, 699-706
- Lumupa ce e:*
1904. Shen, J. Jiang, C.Q. Yan, Y.F. Liu, B.R., Zu, C.L (2017) Effect of increased UV-B radiation on carotenoid accumulation and total antioxidant capacity in tobacco (*Nicotiana tabacum* L.) leaves . *Genetics and Molecular Research*, 16, artN gmr16018438. DOI <http://dx.doi.org/10.4238/gmr16018438>, @2017
243. **Todorova, L., Atanassov, K.**, Janusz Kacprzyk, Eulalia Szmidt. Intuitionistic fuzzy generalized net for decision making with Voronoi's diagrams. 2007, 20-35
- Lumupa ce e:*
1905. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017
244. Simova I, **Christov I.** Sources of variation in the QT readings: what should you be aware of?. *Bioautomation*, 2007, 78-91. SJR:0.396
- Lumupa ce e:*
1906. Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. *Int. J. of Bioautomation*, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017
1907. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 стр, @2017
245. **Atanassov, K.** On Generalized nets theory. Prof. Marin Drinov Academic Publishing House, Sofia, 2007
- Lumupa ce e:*
1908. Ribagin, S., Peter Vassilev, Tania Pencheva and Sławomir Zadrozny. Intuitionistic fuzzy generalized net model of adolescent idiopathic scoliosis classification and the curve progression probability. "Notes on IFS", Volume 23, 2017, Number 3, pages 88—95, @2017
1909. Dimitrov, D., Generalized Net Representation of Dataflow Process Networks, *Recent Contributions in Intelligent Systems*, Part of the *Studies in Computational Intelligence* book series (SCI, volume 657), pp 23-31, 2017., @2017
1910. Sotirova, E., T Petkov, M Krawczak, Generalized Net Modelling of the Intuitionistic Fuzzy Evaluation of the Quality Assurance in Universities, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, *Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 341-347, 2017., @2017
1911. Stefanova-Pavlova, M., V Andonov, T Stoyanov, M Angelova, G Cook, B Klein, P Vassilev, E Stefanova , *Modeling Telehealth Services with Generalized Nets*, *Recent Contributions in Intelligent Systems*, pp 279-290, 2017., @2017
1912. Roeva, O., V Atanassova, Universal Generalized Net Model for Description of Metaheuristic Algorithms: Verification with the Bat Algorithm, *International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets*, *Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017*, pp 244-255, 2017., @2017
1913. Garcia-Jimenez, S., A Jurio, M Pagola, L De Miguel, E Barrenechea, HBustince, Forest fire detection: A fuzzy system approach based on overlap indices, *Applied Soft Computing*, Volume 52, Pages 834-842, 2017., @2017
1914. Poryazov, S., V Andonov, E Saranova, Comparison of Conceptual Models of Overall Telecommunication Systems with QoS Guarantees, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems*, Part of the *Lecture Notes in Computer Science* book series (LNCS, volume 10333), pp 260-268, 2017., @2017
1915. Ribagin, S., P Chountas, T Pencheva, Generalized Net Model of Muscle Pain Diagnosing, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems*, Part of the *Lecture Notes in Computer Science* book series (LNCS, volume 10333) , pp 269-275, 2017., @2017
1916. Petkov, T., P Jovcheva, Z Tomov, S Simeonov, S Sotirov , A Generalized Net Model of the Neocognitron Neural Network, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering*

Systems, pp 249-259, 2017., @2017

1917. Bureva, v., P Yovcheva, S Sotirov, Generalized Net Model of Fingerprint Recognition with Intuitionistic Fuzzy Evaluations, International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017 , Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 641), 286-294, 2017., @2017
1918. Georgieva, V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 21(1), 133-144, 2017., @2017
1919. Bureva, V., E Sotirova, S Popov, D Mavrov, V Traneva, Generalized Net of Cluster Analysis Process Using STING: A Statistical Information Grid Approach to Spatial Data Mining, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 239-248, 2017., @2017
1920. Ribagin, S., Generalized Net Model of Non-Traumatic Elbow Pain Diagnosing, Issues in IFS and GNs, Vol. 13, 2017, 85–95., @2017
1921. Ribagin, S., B. Zaharieva, Generalized net model of physical examination of patient with musculoskeletal complaints in kinesitherapy, Issues in IFS and GNs, Vol. 13, 2017, 96-108, @2017
1922. Dimitrov, D., O. Roeva, Development of a Generalized Net for Comparison of Different Models Obtained using Metaheuristic Algorithms, Issues in IFS and GNs, Vol. 13, 2017, 109–118, @2017
1923. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
1924. Zoteva, D., N. Angelova, Operations and Relations over Reduced Generalized Nets, Issues in IFSs and GNs, Vol. 13, 2017, 119–135, @2017

246. **Roeva O.**. Generalized Net Model for Foam Monitoring Control Systems. Proc. of Eighth International Workshop on Generalized Nets, 2007, 6-10

Lumupa ce s:

1925. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

247. **Raikova , R.**, Celichowski, J., Pogrzebna, M, Aladjov, H., Krutki, P.. Modeling of summation of individual twitches into unfused tetanus for various types of rat motor units. Journal of Electromyography and Kinesiology, 17, 2, Elsevier, 2007, DOI:doi:10.1016/j.jelekin.2006.01.005, 121-130. ISI IF:1.272

Lumupa ce s:

1926. Harrach M.Al., Carriu V., Boudaoud S., Laforet J., Marin F. Analysis of the sEMG/force relationship using HD-sEMG technique and data fusion: A simulation study. Computers in Biology and Medicine Volume 83, 1 April 2017, Pages 34-47, <http://www.sciencedirect.com/science/article/pii/S0010482517300409>, @2017
1927. Watanabe S., Fukuhara S., Fujinaga T. , Oka H. Estimating the minimum stimulation frequency necessary to evoke tetanic progression based on muscle twitch parameters. Physiological Measurement, 2017, Volume 38, Number 3. <http://iopscience.iop.org/article/10.1088/1361-6579/aa5bd1/meta>, @2017

248. **Todorova, L.**, Georgiev, P., **Vassilev, P.**, Szmidt, E.. A GN Model for Simultaneous Calculation of Estimates for Pattern Recognition Problems in Medicine. A Survey of Generalized Nets. Raffles KvB Monograph, 10, 2007, ISBN:0-9578457-8-2, 141-165

Lumupa ce s:

1928. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017

249. Hinde, Chris, **Atanassov, Krassimir**. Intuitionistic fuzzy negations and intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, 13, 4, 2007, 41-44

Lumupa ce s:

1929. Tarsuslu (Yilmaz), S., G. Çuvalcıoğlu and Y. Yorulmaz. Relations between some IF modal operators and IF negations. "Notes on IFS", Volume 23, 2017, Number 4, pages 31—39, @2017

250. **Roeva, O.**, **Pencheva, T.**. Generalized Net for Control of Temperature in Fermentation Processes. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 4, 2007, 49-58

Lumupa ce s:

1930. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
251. Nikolova, M., **Pencheva, T., Roeva, O.** Generalized Nets Model of Methanization Process. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 2007, 95-103  
Lumupa ce e:  
1931. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017  
1932. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 2017, 21(1), 133-144., @2017
252. Der, A., Kelemen, L., Fabian, L., **Taneva, S.G.**, Fodor, E., Pali, T., Cupane, A., Cacace, M.G., Ramsden, J.J.. Interfacial water structure controls protein conformation. Journal of Physical Chemistry B, 111, 19, American Chemical Society, 2007, ISSN:1932-7455, DOI:10.1021/jp066206p, 5344-5350. SJR:2.064, ISI IF:4.086  
Lumupa ce e:  
1933. Molecular-Level Insight of the Effect of Hofmeister Anions on the Interfacial Surface Tension of a Model Protein Willow, SY; Xantheas, SS JOURNAL OF PHYSICAL CHEMISTRY LETTERS 2017, 8 (7) 1574-1577, @2017
253. **Roeva, O., Pencheva, T.,** Melo-Pinto, P.. A Survey of Generalized Nets Implementation for Modelling in Ecology. Chapter 6 in: A Survey of Generalized Nets, Raffles KvB Monograph №10, 2007, 166-197  
Lumupa ce e:  
1934. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
254. Benigni, R., Bossa, C., Netzeva, T., Rodomonte, A., **Tsakovska, I.** Mechanistic QSAR of aromatic amines: New models for discriminating between homocyclic mutagens and nonmutagens, and validation of models for carcinogens. ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, 2007, ISSN:1098-2280, ISI IF:2.361  
Lumupa ce e:  
1935. Gabriele Sabbioni. Hemoglobin Adducts and Urinary Metabolites of Arylamines and Nitroarenes, Chem. Res. Toxicol. 2017, 30, 1733–1766., @2017  
1936. A. Ziaee, A.B. Albadarin, L. Padrela, A. Faucher, E. O'Reilly, G. Walker, Spray Drying Ternary Amorphous Solid Dispersions of Ibuprofen – An Investigation into Critical Formulation and Processing Parameters, European Journal of Pharmaceutics and Biopharmaceutics (2017), doi: http://dx.doi.org/10.1016/j.ejpb.2017.08.005, @2017  
1937. Brüscheiler, B.J., Merlot, Cé., Azo dyes in clothing textiles can be cleaved into a series of mutagenic aromatic amines which are not regulated yet, Regulatory Toxicology and Pharmacology 88 (2017) 214e226, @2017  
1938. Andrey A. Toropov, Alla P. Toropova, Emilio Benfenati & Mario Salmona (2017): Mutagenicity, Anticancer activity, and Blood brain barrier: Similarity and dissimilarity of molecular alerts, Toxicology Mechanisms and Methods, DOI: 10.1080/15376516.2017.1422579, @2017  
1939. Tambunan, U.S.F., Alkaff, A.H., Nasution, M.A.F., Parikesit, A.A., Kerami, D. Screening of commercial cyclic peptide conjugated to HIV-1 Tat peptide as inhibitor of N-terminal heptad repeat glycoprotein-2 ectodomain Ebola virus through in silico analysis Journal of Molecular Graphics and Modelling volume 74, issue , year 2017, pp. 366 - 378, @2017  
1940. Domenico Gadaleta, Nicola Porta, Eleni Vrontaki, Serena Manganelli, Alberto Manganaro, Guido Sello, Masamitsu Honma & Emilio Benfenati (2017): Integrating computational methods to predict mutagenicity of aromatic azo compounds, Journal of Environmental Science and Health, Part C, DOI: 10.1080/10590501.2017.1391521, @2017  
1941. Matteo Floris, Giuseppa Raitano, Ricardo Medda, Emilio Benfenati. Fragment Prioritization on a Large Mutagenicity Dataset. Mol. Inf. 2017, 36, 1600133, @2017
255. **Tsakovska, I.**, Gallegos Saliner, A., Netzeva, T., Pavan, M., Worth, A. P.. Evaluation of SARs for the prediction of eye irritation/corrosion potential–structural inclusion rules in the BfR decision support system. SAR and QSAR in Environmental Research, 2007, ISSN:1029-046X, ISI IF:1.795  
Lumupa ce e:  
1942. Guidance on the BPR: Volume III Human Health Assessment & Evaluation (Parts B+C), ECHA-17-G-04-EN, ISBN: 978-92-9495-757-3, 978-92-9495-757-3., @2017

256. Lambrev, P.H., Várkonyi, Zs., **Krumova, S. B.**, Kovács, L., Miloslavina, C., Holzwarth, A. R., Garab, G.. Importance of trimer-trimer interactions for the native state of the plant light-harvesting complex II. *Biochimica et Biophysica Acta (BBA) - Bioenergetics*, 1767, 6, 2007, 847-853. ISI IF:3.835  
Lumupa ce e:  
1943. Schaller-Laudel, S; Latowski, D; Jemiola-Rzeminska, M; Strzalka, K; Daum, S; Bacia, K; Wilhelm, C; Goss, R, Influence of thylakoid membrane lipids on the structure of aggregated light-harvesting complexes of the diatom *Thalassiosira pseudonana* and the green alga *Mantoniella squamata*, *PHYSIOLOGIA PLANTARUM*, Volume: 160 Issue: 3 Pages: 339-358, DOI: 10.1111/pp.12565 Published: JUL 2017, @2017
257. **Hadzhilazova M., Mladenov I.**, Oprea J.. Unduloids and Their Geometry. *Archivum Mathematicum*, 43, 2007, 417-429. SJR:0.19  
Lumupa ce e:  
1944. Spineanu F, Vlad M., *New J. Phys.* 19 (2017) 025004, <https://doi.org/10.1088/1367-2630/aa5a3d>, @2017  
1945. Caldiroli P. , Musso M., arXiv:1709.08495v1 [math.AP] 25 Sep 2017., @2017
258. **Hadjitodorov, S.**, L.Kuncheva. Selecting Diversifying Heuristics for Cluster Ensembles. *Lecture Notes in Computer Science, Book Multiple Classifier Systems, Springer, Proc. MCS'07, Prague, Czech Republic.*, 4472/2007, 2007, ISI IF:0.514  
Lumupa ce e:  
1946. Minyar Sassi Hidri, Mohamed Ali Zoghlam, Rahma Ben Ayed. Speeding up the large-scale consensus fuzzy clustering for handling Big Data, *Fuzzy Sets and Systems*, Available online 8 November 2017, , @2017
259. Batchvarov V, **Christov I**, Bortolan G, Simova I, Camm A. Post-extrasystolic changes of the vectorcardiographic T loop in healthy subjects. *Computers in Cardiology*, 34, 2007, 451-454. SJR:0.396  
Lumupa ce e:  
1947. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
260. **Krasteva V, Jekova I.** QRS template matching for recognition of ventricular ectopic beats. *Annals on Biomedical Engineering*, 35, 12, Springer, 2007, ISSN:0090-6964, 2065-2076. ISI IF:3.195  
Lumupa ce e:  
1948. Zarei R, (2017), Developing enhanced classification methods for ECG and EEG signals. PhD thesis, Victoria University, Australia, 173 pages, [http://vuir.vu.edu.au/35028/1/ZAREI%20Roosbeh-thesis\\_nosignatures.pdf](http://vuir.vu.edu.au/35028/1/ZAREI%20Roosbeh-thesis_nosignatures.pdf) ; N101, @2017  
1949. Qiong Yu, Qun Guan, Ping Li, Tie-Bing Liu, Jun-Feng Si, Ying Zhao, Hong-Xing Liu, Yuan-Qing Wang, (2017), Wavelet optimization for applying continuous wavelet transform to maternal electrocardiogram component enhancing, *Chinese Physics B*, 26(11), art. no. 118702, 7 pages, doi: <https://doi.org/10.1088/1674-1056/26/11/118702>, ISSN: 1674-1056; N11., @2017  
1950. X Ji, C Ning, C Zhao, X Zhang, (2017), Design of the HRV Analysis System Based on AD8232. 3rd International Symposium on Mechatronics and Industrial Informatics (ISMII 2017), 28-29 October 2017, Haikou, China, pp. 230-234, ISBN: 978-1-60595-501-8, <http://dpi-proceedings.com/index.php/dtetr/article/viewFile/16676/16182> ; N6., @2017  
1951. Welton N, McAleenan A, Thom H, Davies P, Hollingworth W, Higgins J, Sofat R, (2017), Screening strategies for atrial fibrillation: a systematic review and cost-effectiveness analysis. *Health Technology Assessment* 2017, 21(29), doi: 10.3310/hta21290, ISSN: 1366-5278, <http://research-information.bristol.ac.uk/files/118142474/3010499.pdf> ; N296., @2017
261. **Roeva, O., Pencheva, T.**, Tzonkov, St., Arndt, M., Hitzmann, B., Kleist, S., Miksch, G., Friehs, K., Flaschel, E.. Multiple Model Approach to Modelling of *Escherichia coli* Fed-batch Cultivation Extracellular Production of a Bacterial Phytase. *Electronic Journal of Biotechnology*, 10, 4, 2007, ISSN:0717-3458, SJR:0.276, ISI IF:0.86  
Lumupa ce e:  
1952. Florin Stinga, Emil Petre, Marius Marian, Multiple predictive control of an anaerobic digestion process of microalgae, 21st International Conference on System Theory, Control and Computing (ICSTCC), 2017, DOI: 10.1109/ICSTCC.2017.8107064, @2017

1953. Sales K. C., F. Rosa, B. R. Cunha, P. N. Sampaio, M. B. Lopes, C. R. C. Calado, Metabolic Profiling of Recombinant Escherichia coli Cultivations Based on High-throughput FT-MIR Spectroscopic Analysis, Biotechnology Progress, Biotechnology Progress, 2017, 33(2), 285-298., @2017
1954. Brüning S., I. Gerlach, R. Pörtner, C.-F. Mandenius, V. C. Hass, Modeling Suspension Cultures of Microbial and Mammalian Cells with an Adaptable Six-Compartment Model, Chemical Engineering Technology, 2017, 40(5), 956-966., @2017
1955. Zlatkova A., V. Lyubenova, S. Dudin, M. Ignatova, Marker for Switching of Multiple Models Describing E. coli Cultivation, Comptes rendus de l'Académie bulgare des Sciences, 2017, 70(2), 263-272., @2017
1956. Quintana F. A. O., H. Álvarez, H. A. B. Castro, Facing Bioprocess Modeling: A Review of the Methodologies of Modeling, Revista ION, 2017, 30(1), 73-90., @2017

262. Bortolan G, **Christov I**, Pedrycz W. Hyperbox classifiers for ECG beat analysis. Computers in Cardiology, 34, 2007, 145-148. SJR:0.396

Lumupa ce e:

1957. Garcia G, Moreira G, Menotti D, Luz E (2017) Inter-patient ECG heartbeat classification with temporal VCG optimized by PSO. Scientific Reports, 7, 11 pages, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5585360/>., @2017

1958. Zhou H, Zhu X, Wang S, Zhou K, ... De Vaulx C (2017) A novel cardiac arrhythmias detection approach for real-time ambulatory ECG diagnosis. Int. J. of Pattern Recognition and Artificial Intelligence, 31, (10), 17 pages, <http://www.worldscientific.com/doi/ref/10.1142/S0218001417580046>, @2017

263. **Atanassov, K.**, S. Sotirov, A. Antonov. Generalized net model for parallel optimization of feed-forward neural network. Advanced Studies in Contemporary Mathematics, 15, 1, 2007, 109-119. SJR:0.682

Lumupa ce e:

1959. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

264. **Roeva O., Atanassov K.**, Shannon A.. Generalized Net for Evaluation of Genetic Algorithm Fitness Function. Proc. of Eighth International Workshop on Generalized Nets, 2007, 48-55

Lumupa ce e:

1960. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

1961. Ангелова, Нора. Програмна реализация на обобщени мрежи и приложения за моделиране. Дисертационен труд, София, 2017, @2017

1962. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

---

## 2008

---

265. **Todorova, R.** Expression and localization of FAD2 desaturase from spinach in Tobacco cells.. Russ J Plant Physiology, 55, 5, Springer; SP MAIK Nauka/Interperiodica, 2008, ISSN:Print ISSN 1021-4437 Online ISSN 1608-3407, DOI:doi:10.1134/S1021443708040134, 513-520. SJR:0.33, ISI IF:0.737

Lumupa ce e:

1963. Díaz ML, Cuppari S, Soresi D, Carrera A. In Silico Analysis of Fatty Acid Desaturase Genes and Proteins in Grasses. Appl Biochem Biotechnol. 2017 Jul 28. doi: 10.1007/s12010-017-2556-7. [Epub ahead of print], @2017

266. **Atanassov, Krassimir.** The most general form of one type of intuitionistic fuzzy modal operators, Part 2. Notes on Intuitionistic Fuzzy Sets, 14, 1, 2008, 27-32

Lumupa ce e:

1964. Vassia Atanassova and Lyubka Doukovska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017

267. **Tsakovska, I., Lessigiarska, I.,** Netzeva, T., Worth, A.. A mini review of mammalian toxicity (Q)SAR models. QSAR and Combinatorial Science, 2008, ISSN:1611-0218, ISI IF:2.594

Lumupa ce e:

1965. Satyanarayana Achanta, Sven-EricJordt. "TRPA1: Acrolein meets its target". Toxicology and Applied Pharmacology Volume 324, 1 June 2017, Pages 45-50., @2017

268. Dotsinsky IA, **Stoyanov T.** Power-line Interference Removal from ECG in Case of Power-line Frequency Variations. Bioautomation, 10, 2008, 88-96. SJR:0.132

Lumupa ce e:

1966. Михов Георги (2017) Субтракционния метод за отстраняване на мрежови смущения от електрокардиографски сигнали. Монография, © Техн. Унив. – София, 231 стр., @2017

269. **Roeva O.,** A. Shannon. A Generalized Net Model of Mutation Operator of the Breeder Genetic Algorithm. Proc. of the Ninth International Workshop on Generalized Nets, 2, 2008, 59-63

Lumupa ce e:

1967. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

1968. Yusuf Karadede, Gültekin Özdemir, Erdal Aydemir, Breeder Hybrid Algorithm Approach for Natural Gas Demand Forecasting Model, Energy (2017), doi: 10.1016/j.energy.2017.09.130, @2017

270. **Pencheva T., Roeva O.,** A. Shannon. Generalized Net Models of Crossover Operators in Genetic Algorithms. Proc. of the Ninth International Workshop on Generalized Nets, 2008, 64-70

Lumupa ce e:

1969. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

271. **Tzoneva R.,** Seifert B., Albrecht W., Richau K., Lendlein A., Groth T.. Poly (ether imide) membranes: studies on the effect of surface modification and protein pre-adsorption on endothelial cell adhesion, growth and function. Journal of Biomaterials Science, Polymer Edition, 19, 7, Taylor & Francis Group, 2008, ISSN:0920-5063 (Print), 1568-5624 (Online), 837-852. ISI IF:1.648

Lumupa ce e:

1970. Hollow fiber membrane lumen modified by polyzwitterionic grafting NL Le, M Quilitzsch, H Cheng, PY Hong - Journal of Membrane Science, @2017

272. Globisch, C., **Pajeva, I.,** Wiese, M.. Identification of putative binding sites of P-glycoprotein based on its homology model. ChemMedChem., 3, 2, 2008, 280-295. ISI IF:3.15

Lumupa ce e:

1971. Loo, TW; Clarke, DM. Attachment of a 'molecular spring' restores drug-stimulated ATPase activity to P-glycoprotein lacking both Q loop glutamines, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 483 (1):366-370; 10.1016/j.bbrc.2016.12.137 JAN 29 2017, @2017

1972. Szollosi D., Chiba P., Szakacs G., Stockner T., Hegedus T. Mechanism of drug transport by ABC multidrug proteins in structural perspectives. Amino Acids, Peptides and Proteins, 41, pp.152-187, 2017, @2017

1973. Miteva, M. A., Villoutreix, B. O. Computational Biology and Chemistry in MTi: Emphasis on the Prediction of Some ADMET Properties. MOLECULAR INFORMATICS, 36 (10):SI 10.1002/minf.201700008 OCT 2017, @2017

1974. Ferreira, R. J., Bonito, C. A., Ferreira, M. J. U. and dos Santos, D. J.V.A. (2017), About P-glycoprotein: a new drugable domain is emerging from structural data. WILEY INTERDISCIPLINARY REVIEWS-COMPUTATIONAL MOLECULAR SCIENCE, 7 (5):10.1002/wcms.1316 SEP-OCT 2017, @2017

273. **Tzoneva R.,** Seifert B., Albrecht W., Richau K., Groth T., Lendlein A.. Hemocompatibility of poly(ether imide) membranes functionalized with carboxylic groups. Journal of Materials Science: Materials in Medicine, 19, 10, Springer, 2008, ISSN:ISSN: 0957-4530 (Print) 1573-4838 (Online), 3203-3210. ISI IF:2.587

Lumupa ce e:

1975. Yanny MarlianaBaba IsmailabAna MarinaFerreiracOanaBretcanucKennethDalgarnocAlicia J.El Haj, "Polyelectrolyte multi-layers assembly of SiCHA nanopowders and collagen type I on aminolysed PLA films to enhance cell-

material interactions.2017, Colloids and Surfaces B: Biointerfaces Volume 159, 1 November, Pages 445-453, @2017

1976. Lingren Wang ab, Min He b, Tao Gong a, Xiang Zhang b, Lincai Zhang a, Tao Liu a, Wei Ye a, Changjiang Pan \*a and Changsheng Zhao, "Introducing multiple bio-functional groups on the poly(ether sulfone) membrane substrate to fabricate an effective antithrombotic bio-interface", *Biomater. Sci.*, 2017, 5, 2416-2426, @2017
1977. Y. Marliana Baba Ismail, A. Marina Ferreira, O. Bretcanuc, K. Dalgarnoc Alicia, J.El Hajb. "Polyelectrolyte multi-layers assembly of SiCHA nanopowders and collagen type I on aminolysed PLA films to enhance cell-material interactions". *Colloids and Surfaces B: Biointerfaces*, 159, 2017, 445-453., @2017

274. **Vukova T.** Fatigue-induced changes in muscle fiber action potentials estimated by wavelet analysis. *Journal of electromyography and kinesiology*, 18, 3, Elsevier, 2008, ISSN:1050-6411, DOI:10.1016/j.jelekin.2006.09.014, 397-409. SJR:0.791, ISI IF:1.647

Lumupa ce e:

1978. Chowdhury, S. K., Nimbarte, A. D., Effect of fatigue on the stationarity of surface electromyography signals. 2017, *International Journal of Industrial Ergonomics*, 61, 120 – 125, @2017

275. Ivanova, P.I., **Dobrikova, A.G., Taneva, S.G., Apostolova, E.L.** Sensitivity of the photosynthetic apparatus to UV-A radiation: Role of light-harvesting complex II-photosystem II supercomplex organization. *Radiation and Environmental Biophysics*, 47, 1, Springer New York, 2008, ISSN:1432-2099, 169-177. SJR:0.486, ISI IF:1.528

Lumupa ce e:

1979. Joshi P., UV-B radiation-induced damage of photosynthetic apparatus of green leaves: Protective strategies vis-avis visible and/or UV-A light, Chapter 8, In: *UV-B Radiation: From Environmental Stressors to Regulator of Plant Growth* (eds. V.P. Singh, S. Singh, S.M. Prasad, P. Parihar) John Wiley&Sons Ltd, 2017, 143-154., @2017
1980. Salter W.T., Turnbull T.L., Rennenberg H., Adams M.A., Solar UV upregulates photoprotection but slows photosynthesis in subalpine Australian plants. *Arctic, Antarctic, and Alpine Research*, Vol. 49(4), 2017, 673–685., @2017

276. Mueller, H., **Pajeva, I.**, Globisch, C., Wiese, M.. Functional assay and structure-activity relationships of new 3rd generation P-glycoprotein inhibitors. *Bioorg. Med. Chem.*, 16, 2008, 2456-2470. ISI IF:3.075

Lumupa ce e:

1981. Prachayasittikul, V; Worachartcheewan, A; Toropova, AP; Toropov, AA; Schaduangrat, N; Prachayasittikul, V; Nantasenamat, C. Large-scale classification of P-glycoprotein inhibitors using SMILES-based descriptors. *SAR AND QSAR IN ENVIRONMENTAL RESEARCH*, 28 (1):1-16; 10.1080/1062936X.2016.1264468 2017, @2017
1982. Qiu, QQ; Liu, BM; Cui, J; Li, Z; Deng, X; Qiang, H; Li, JM; Liao, C; Zhang, B; Shi, W; Pan, MB; Huang, WL; Qian, H. Design, Synthesis, and Pharmacological Characterization of N-(4-(2-(6,7-Dimethoxy-3,4-dihydroisoquinolin-2(1H-yl)ethyl)phenyl)quinazolin-4-amine Derivatives: Novel Inhibitors Reversing P-Glycoprotein-Mediated Multidrug Resistance. *JOURNAL OF MEDICINAL CHEMISTRY*, 60 (8):3289-3302; 10.1021/acs.jmedchem.6b01787 APR 27 2017, @2017
1983. Montanari, F; Zdrzil, B. How Open Data Shapes In Silico Transporter Modeling. *MOLECULES*, 22 (3):10.3390/molecules22030422 MAR 2017, @2017
1984. Mollazadeh S., Shamsara J., Iman M., Hadizadeh F. Docking and QSAR studies of 1, 4-dihydropyridine derivatives as anti-cancer agent. *Recent Patents on Anti-Cancer Drug Discovery*, 12(2), pp.174-185, 2017, @2017
1985. Kraege, Stefanie. Design, Synthese und Biologische Testung neuartiger Chalkon-Derivate als ABCG2 Inhibitoren. Diss. Dissertation, Bonn, Rheinische Friedrich-Wilhelms-Universität Bonn, 2017, @2017

277. Didon JP, Fontaine G, White R, **Jekova I**, Schmid JJ, Cansell A. Clinical Experience with a Low Energy Pulsed Biphasic Waveform in Out-of-Hospital Cardiac Arrest. *Resuscitation*, 76, 3, ELSEVIER, 2008, ISSN:0300-9572, 350-353. ISI IF:4.167

Lumupa ce e:

1986. Anders S. Schmidt, Kasper G. Lauridsen, Kasper Adelborg, Peter Torp, Leif F. Bach, Simon M. Jepsen, Nete Hornung, Charles D. Deakin, Hans Rickers, Bo Løfgren, 2017, "Cardioversion Efficacy Using Pulsed Biphasic or Biphasic Truncated Exponential Waveforms: A Randomized Clinical Trial", *Journal of the American Heart Association*, vol. 6(3), e004853, @2017
1987. Graham Nichol, Michael R. Sayre, Federico Guerra, Jeanne Poole, 2017, "Defibrillation for Ventricular Fibrillation : A Shocking Update", *Journal of the American College of Cardiology*, Vol.70(12), pp. 1496–1509., @2017

278. Batchvarov V, Bortolan G, **Christov I**. Effect of heart rate and body position on the complexity of the QRS and T wave in healthy subjects. *Computers in Cardiology*, 35, 2008, 225-228. SJR:0.396

Литература се е:

1988. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

279. Çakırlar, H, Çiçek, N, Fedina, I, Georgieva, K, Doğru, A, **Velitchkova, M.** NaCl Induced Cross-Aclimation to UV-B Radiation in Four Barley (*Hordeum vulgare* L.) Cultivars. *Acta Physiol. Plant*, 30, 2008, 561-567. ISI IF:1.584

Литература се е:

1989. Yuping Jiang, Xiaotao Ding, Dong Zhang, Qi Deng, Chih-Li Yu, Suping Zhou, Dafeng Hui (2017) Soil salinity increases the tolerance of excessive sulfur fumigation stress in tomato plants. *Env. Exp. Bot.* 133, 70-78, @2017

280. **Pencheva, T., Roeva, O.**, Shannon, A.. Generalized Net for Proportional-Integral-Derivative Controller. Book Series “Challenging Problems of Sciences” – Computer Sciences, 2008, 241-247

Литература се е:

1990. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

281. **Roeva O., T. Pencheva,** St. Tzonkov. Generalized Net for Carbon Dioxide Monitoring of Fermentation. Annual of “Informatics” Section of Union of Scientists in Bulgaria, 1, 2008, 93-97

Литература се е:

1991. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

282. Angelova, A., B. Angelov, S. Lesieur, **R. Mutafchieva,** M. Ollivon, C. Bourgaux, R. Willumeit. Dynamic control of nanofluidic channels in protein drug delivery vehicles. *Journal of Drug Delivery Science and Technology*, 18, 1, Elsevier, 2008, ISSN:17732247, DOI:0.1016/S1773-2247(08)50005-0, 41-45. SJR:0.24, ISI IF:0.476

Литература се е:

1992. Ghanbari, R., S. Assenza, A. Saha, R. Mezzenga. Diffusion of polymers through periodic networks of lipid-based nanochannels. *Langmuir*, 33(14), 2017, 3491-3498. ISSN 0743-7463, @2017

1993. Boge, L. (2017). Lipid-based liquid crystals as drug delivery vehicles for antimicrobial peptides. Thesis for the Degree of Licentiate of Engineering, Chalmers University of Technology, Department of Chemistry and Chemical Engineering, Gothenburg, Sweden, 2017., @2017

283. **Jekova I,** Bortolan G, **Christov I.** Assessment and comparison of different methods for heartbeat classification. *Medical Engineering & Physics*, 30, 2008, 248-257. SJR:2.05, ISI IF:1.82

Литература се е:

1994. Murthy HN, Meenakshi M (2017) Novel and efficient algorithms for early detection of myocardial ischemia. *Int. J. of Medical Engineering and Informatics*, 9, (4), pp. 351-372., @2017

1995. Luz EJDS, Merschmann LH, Menotti D, Moreira GJ (2017) Evaluating a hierarchical approach for heartbeat classification from ECG. *Int. J. of Bioinformatics Research and Applications*, 13, (2), pp. 146-160., @2017

1996. Xunde Dong, Cong Wang, Wenjie Sia (2017) ECG beat classification via deterministic learning, *Neurocomputing*, 240, pp. 1-12, <http://www.sciencedirect.com/science/article/pii/S0925231217303478>, @2017

1997. Naseri E, Ghaffari A, Abdollahzade M (2017) A novel ICA-based clustering algorithm for heart arrhythmia diagnosis. *Pattern Analysis and Applications*, 13 pages, <https://link.springer.com/article/10.1007/s10044-017-0628-5>, @2017

1998. Αγγελική Ε. Δημαράκη (2017) Εξαγωγή Χαρακτηριστικών και Ταξινόμηση Βιολογικών Σημάτων για χρήση στα Συστήματα Υποβοήθησης της Διάγνωσης PhD thesis, Εθνικο Μετσοβιο Πολυτεχνειο, 187 pages, <http://artemis-new.cslab.ece.ntua.gr:8080/jspui/bitstream/123456789/8177/1/DT2017-0142.pdf>, @2017

1999. Abdullah AA, Subasi A, Qaisar SM (2017) Surface EMG signal classification by using WPD and ensemble tree classifiers. *Int. Conf. on Medical and Biological Engineering*, 16-18 March, Sarajevo, Bosnia and Herzegovina, pp. 475-481, @2017

284. Djondjorov P., **Hadzhilazova M., Mladenov I.,** Vassilev V.. Explicit Parametrization of Euler's Elastica. *Geom. Integrability & Quantization*, 9, 2008, 175-186

Lumupa ce e:

2000. Dall'Acqua A. and Pluda A., Some Minimization Problems for Planar Networks of Elastic Curves, *Geometric Flows* 2, 105–124, 2017., @2017

2001. Dall'Acqua, Anna. "Minimal Elastic Networks". arxiv:1712.09589v1, 2017, @2017

285. **Krumova, S. B.**, Dijkema, C., de Waard, P., As, H. V., Garab, G., van Amerongen, H.. Phase behavior of phosphatidylglycerol in spinach thylakoid membranes as revealed by 31P-NMR. *Biochimica et Biophysica Acta (BBA) - Biomembranes*, 1778, 4, 2008, DOI:10.1016/j.bbame.2008.01.004, 997-1003. ISI IF:4.18

Lumupa ce e:

2002. Zorin, B; Pal-Nath, D; Lukyanov, A; Smolskaya, S; Kolusheva, S; Didi-Cohen, S; Boussiba, S; Cohen, Z; Khozin-Goldberg, L; Solovchenko, A, Arachidonic acid is important for efficient use of light by the microalga *Lobosphaera incisa* under chilling stress, *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR AND CELL BIOLOGY OF LIPIDS* Volume: 1862 Issue: 9 Pages: 853-868, DOI: 10.1016/j.bbalip.2017.04.008 Published: SEP 2017, @2017

2003. Furse, S; Jakubec, M; Rise, F; Williams, HE; Rees, CED; Halskau, O, Evidence that *Listeria innocua* modulates its membrane's stored curvature elastic stress, but not fluidity, through the cell cycle, *SCIENTIFIC REPORTS*, Volume: 7, Article Number: 8012 DOI: 10.1038/s41598-017-06855-z, Published: AUG 14 2017, @2017

2004. Lina-Juana Dolch, Glycerolipid metabolism and regulation in *Phaeodactylum tricornutum* and *Nannochloropsis gaditana* (Métabolisme et régulation des glycérolipides dans *Phaeodactylum tricornutum* et *Nannochloropsis*), *Vegetal Biology*. Université Grenoble Alpes, 2016. English. ., @2017

286. Tabakov S, Iliev I, **Krasteva V**. Online digital filter and QRS detector applicable in low resource ECG monitoring systems. *Annals of Biomedical Engineering*, 36, 11, Springer, 2008, ISSN:0090-6964, 1805-1815. SJR:0.972, ISI IF:3.195

Lumupa ce e:

2005. Biswal B, (2017), ECG Signal Analysis Using Modified S-Transform, *Healthcare Technology Letters*, Vol. 4(2), pp. 68–72 doi: 10.1049/htl.2016.0078, ISSN 2053-3713, <http://digital-library.theiet.org/content/journals/10.1049/htl.2016.0078> ; N10., @2017

2006. Zivanovic M, Niegowski M, Lecumberri P, Gómez M, (2017), A low-rank matrix factorization approach for joint harmonic and baseline noise suppression in biopotential signals. *Computer Methods and Programs in Biomedicine*, vol. 141, pp.59-71, <http://dx.doi.org/10.1016/j.cmpb.2017.01.008>, ISSN: 0169-2607; N18., @2017

287. Schrader C., Siggelkow S., Rollnik J.D., **Kossev A.R.**. Impaired proprioception in amyotrophic lateral sclerosis - A study using muscle vibration and transcranial magnetic stimulation.. *Klin. Neurophysiol.*, 39, 4, 2008, ISSN:14340275, 262-266. ISI IF:0.167

Lumupa ce e:

2007. Atalla G (2017) ASSESSING FOR SENSORIMOTOR AND COGNITIVE IMPAIRMENTS IN ALS PATIENTS., Queen's University, Kingston, Ontario, Canada (Thesis), @2017

288. **Pencheva, T.**, Lagorce, D., **Pajeva, I.**, Villoutreix, Br., Miteva, M.. AMMOS: Automated Molecular Mechanics Optimization Tool for in silico Screening. *BMC Bioinformatics*, 9, 2008, 438. ISI IF:3.781

Lumupa ce e:

2008. Wieder, M; Garon, A; Perricone, U; Boesch, S; Seidel, T; Almerico, AM; Langer, T. Common Hits Approach: Combining Pharmacophore Modeling and Molecular Dynamics Simulations. *JOURNAL OF CHEMICAL INFORMATION AND MODELING*, 57 (2):365-385; 10.1021/acs.jcim.6b00674 FEB 2017, @2017

2009. Friedrich, NO; Meyder, A; Kops, CD; Sommer, K; Flachsenberg, F; Rarey, M; Kirchmair, J. High-Quality Dataset of Protein-Bound Ligand Conformations and Its Application to Benchmarking Conformer Ensemble Generators. *JOURNAL OF CHEMICAL INFORMATION AND MODELING*, 57 (3):529-539; 10.1021/acs.jcim.6b00613 MAR 2017, @2017

289. **Taneva, S.G.**, Munoz, I.G., Franco, G., Falces, J., Arregi, I., Muga, A., Montoya, G., Urbaneja, M.A., Banuelos, S.. Activation of nucleoplasm, an oligomeric histone chaperone, challenges its stability. *Biochemistry*, 47, 52, 2008, ISSN:1520-4995, DOI:10.1021/bi800975r, 13897-13906. ISI IF:3.379

Lumupa ce e:

2010. Molecular determinants of *Drosophila* immunophilin FKBP39 nuclear localization, @2017

290. **Roeva, O.** Improvement of Genetic Algorithm Performance for Identification of Cultivation Process Models. Advanced Topics on Evolutionary Computing, Book Series: Artificial Intelligence Series, 2008, ISBN:978-960-6766-58-9, 34-39  
Цитира се в:  
2011. Skinner S. N., H. Zare-Behtash, State-of-the-Art in Aerodynamic Shape Optimisation Methods, Applied Soft Computing, September 2017, DOI: 10.1016/j.asoc.2017.09.030, @2017
291. **Roeva O., Atanassov K., Shannon A.** Generalized Net for Selection of Genetic Algorithm Operators. Annual of "Informatics" Section of Union of Scientists in Bulgaria, 1, 2008, 117-126  
Цитира се в:  
2012. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017  
2013. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
292. **Roeva O., Atanassov K.** Generalized Net Model of a Modified Genetic Algorithm. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 7, 2008, 93-99  
Цитира се в:  
2014. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017  
2015. Ангелова, Нора. Програмна реализация на обобщени мрежи и приложения за моделиране. Дисертационен труд, София, 2017, @2017  
2016. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
293. **Arabadzhiev TI, Dimitrov GV, Chakarov VE, Dimitrov AG, Dimitrova NA.** Effects of changes in intracellular action potential on potentials recorded by single fiber, macro, and belly-tendon electrodes. Muscle and Nerve, 37, 6, Wiley, 2008, DOI:10.1002/mus.21024, 700-712. ISI IF:2.283  
Цитира се в:  
2017. Rodriguez-Falces, Javier, and Nicolas Place. "Different Recoveries of the First and Second Phases of the M-Wave after Intermittent Maximal Voluntary Contractions." European Journal of Applied Physiology, vol. 117, no. 4, Springer Nature, Feb. 2017, pp. 607–18. Crossref, doi:10.1007/s00421-017-3553-9., @2017  
2018. Rodriguez-Falces, Javier, and Nicolas Place. "Determinants, Analysis and Interpretation of the Muscle Compound Action Potential (M Wave) in Humans: Implications for the Study of Muscle Fatigue." European Journal of Applied Physiology, Springer Nature, Dec. 2017. Crossref, doi:10.1007/s00421-017-3788-5., @2017
294. Dobrev D, **Neycheva T**, Mudrov N. Bootstrapped two-electrode biosignal amplifier. Medical and Biological Engineering and Computing, 46, 6, 2008, ISSN:0140-0118, 613-619. ISI IF:1.726  
Цитира се в:  
2019. United States Patent Albert et al. HEART MONITORING SYSTEM USABLE WITH A SMARTPHONE OR COMPUTER Patent N0.2 US 9649042 B2 Date of Patent: May 16, 2017, @2017  
2020. United States Patent Ravi Gopalakrishnan et al. METHODS AND SYSTEM FOR ARRHYTHMIA TRACKING AND SCORING Patent N0.2 US 9572499 B2 Date of Patent: Feb. 21, 2017, @2017

---

## 2009

---

295. Andreeva, A, **Velitchkova, M.** Resonance Raman studies of carotenoid molecules within photosystem I particles. Biotechnol. Biotechnol. Equip, 23, 2009, 488-492. ISI IF:0.3  
Цитира се в:  
2021. Matthias Koch, \* Serge Zagermann, Ann-Kathrin Kniggendorf, MerveMeinhardt-Wollweber and Bernhard Roth (2017) Violaxanthin cycle kinetics analysed in vivo with resonance Raman spectroscopy. J. Raman Spec. 48(5)

296. Popova, L, **Maslenkova, L**, Yordanova, R, Ivanova, A, Krantev, A, Szalai, G, Janda, T. Exogenous treatment with salicylic acid attenuates cadmium toxicity in pea seedlings. *Plant Physiology and Biochemistry*, 47, 3, Elsevier, 2009, 224-231. ISI IF:2.928

*Lumupa ce e:*

2022. Sathiyamurthy, V. A., et al. "Effect of Salicylic Acid on Growth, Yield and Storage Quality of Onion (*Allium cepa* L.).", @2017
2023. FATIMA, RIFFAT NASIM, and FARRUKH JAVED. "ROLE OF SALICYLIC ACID IN IMPROVING GROWTH, NUTRIENTS UPTAKE AND CADMIUM ACCUMULATION IN CALLUS TISSUE OF BASMATI RICE UNDER CADMIUM STRESS.", @2017
2024. Hur, Jae Ryung, and Eun Hea Jho. "Effect of hemoglobin on the growth and Cd accumulation of pea plants (*Pisum sativum* L.)." *Applied Biological Chemistry*: 1-6., @2017
2025. 黃楷懿. "水楊酸前處理減輕冰花幼苗在鹽逆境下所誘導的氧化傷害." 中興大學生命科學系所學位論文 (2017): 1-38., @2017
2026. یگنجعل, et al. "نخود یهاپیژنوت کیولوژی مورفوف یهایژگی و از یبرخ و رشد، یزن جوانه بر دیاسکیلیسیسال و یسور اثرات همکنش بر" (*Cicer arietinum* L.). (2017)., @2017
2027. Rizwan, Muhammad, et al. "A critical review on effects, tolerance mechanisms and management of cadmium in vegetables." *Chemosphere* 182 (2017): 90-105., @2017
2028. Hasanuzzaman, Mirza, et al. "Salicylic Acid: An All-Rounder in Regulating Abiotic Stress Responses in Plants." *Phytohormones-Signaling Mechanisms and Crosstalk in Plant Development and Stress Responses*. InTech, 2017., @2017
2029. Kohli, Sukhmeen Kaur, et al. "Combined effect of 24-epibrassinolide and salicylic acid mitigates lead (Pb) toxicity by modulating various metabolites in *Brassica juncea* L. seedlings." *Protoplasma* (2017): 1-14., @2017
2030. Janda, Tibor, et al. "Use of Salicylic Acid and Related Compounds to Improve the Abiotic Stress Tolerance of Plants: Practical Aspects." *Salicylic Acid: A Multifaceted Hormone*. Springer, Singapore, 2017. 35-46., @2017
2031. Cheng, Shuiyuan, et al. "Characterization and expression patterns of a cinnamate-4-hydroxylase gene involved in lignin biosynthesis and in response to various stresses and hormonal treatments in *Ginkgo biloba*." *Acta Physiologiae Plantarum* 40.1 (2018): 7., @2017
2032. Kong, Xiangpei, Huiyu Tian, and Zhaojun Ding. "Plant Hormone Signaling Mediates Plant Growth Plasticity in Response to Metal Stress." *Mechanism of Plant Hormone Signaling under Stress* (2017): 223-235., @2017
2033. Drzewiecka, Kinga, et al. "Copper and nickel co-treatment alters metal uptake and stress parameters of *Salix purpurea* × *viminalis*." *Journal of Plant Physiology* (2017)., @2017
2034. Moravcová, Šárka, et al. "Influence of salicylic acid pretreatment on seeds germination and some defence mechanisms of *Zea mays* plants under copper stress." *Plant Physiology and Biochemistry* (2017)., @2017
2035. Kohli, Sukhmeen Kaur, et al. "Modulation of antioxidative defense expression and osmolyte content by co-application of 24-epibrassinolide and salicylic acid in Pb exposed Indian mustard plants." *Ecotoxicology and Environmental Safety* 147 (2018): 382-393., @2017
2036. Kohli, Sukhmeen Kaur, et al. "Modulation of antioxidative defense expression and osmolyte content by co-application of 24-epibrassinolide and salicylic acid in Pb exposed Indian mustard plants." *Ecotoxicology and Environmental Safety* 147 (2018): 382-393., @2017
2037. Lu, Qianqian, et al. "Alleviation of cadmium toxicity in *Lemna minor* by exogenous salicylic acid." *Ecotoxicology and environmental safety* 147 (2018): 500-508., @2017
2038. Kohli, Sukhmeen Kaur, et al. "Role of Salicylic Acid in Heavy Metal Stress Tolerance: Insight into Underlying Mechanism." *Salicylic Acid: A Multifaceted Hormone*. Springer, Singapore, 2017. 123-144., @2017
2039. ÇANAKCI-GÜLENGÜL, S. O. N. G. Ü. L., TUĞBA YILDIZ, and Didem Deveci. "Some physiological and biochemical responses to copper of detached cucumber (*cucumis sativus* L.) cotyledons pre-floated in salicylic acid." *Pak. J. Bot* 49.2 (2017): 487-492., @2017
2040. Wani, Abdul Basit, et al. "Salicylic acid to decrease plant stress." *Environmental Chemistry Letters* 15.1 (2017): 101-123., @2017
2041. Ge, Honglian, Zhonghua Liu, and Fuli Zhang. "Effect of *Rhodospseudomonas palustris* G5 on seedling growth and some physiological and biochemical characteristics of cucumber under cadmium stress." *Emirates Journal of Food and Agriculture* (2017): 816-821., @2017
2042. Soltani Maivan, Elahe, et al. "Physiological and biochemical responses of *Melissa officinalis* L. to nickel stress and the protective role of salicylic acid." *Archives of Agronomy and Soil Science* 63.3 (2017): 330-343., @2017

297. **Staneva G., Momchilova A.**, Wolf C., Quinn P.J., Koumanov K.. Membrane microdomains: role of ceramides in the maintenance of their structure and functions. *Biochim.Biophys.Acta*, 1788, 2009, 666-675. ISI IF:3.99

*Lumupa ce e:*

2043. Rodriguez-Cuenca S., Pellegrinelli V., Campbel M., Oresic M., & Vidal-Puig A., "Sphingolipids and glycerophospholipids- The "ying-yang" of lipotoxicity in metabolic diseases" Progress in lipid research, 2017, @2017
2044. Soto C., del Valle A., Valiente P.A., Ros U., Lanio M.E., Hernandez A.M., "Differential binding and activity of the pore-forming toxin sticholysin II in model membranes containing diverse ceramide-derived lipids." Biochimie, 138, 20-31.2017, @2017
298. Bortolan G, **Christov I**, Batchvarov V, Behr E. QRS&T wave alternans and beat-to-beat ventricular repolarization variability assessed from 12-lead Holters in patients with suspected Brugada syndrome. Computers in Cardiology, 36, 2009, 305-308. SJR:0.396
- Lumupa ce e:
2045. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
299. Keranov I, Vladkova T, Minchev M, **Kostadinova, A.**, Altankov G, Dineff P. Topography Characterization and Initial Cellular Interaction of Plasma Based Ar+ Beam Treated PDMS Surfaces. 111, J. Appl. Polym., 2009, ISSN:ISSN:0021-8995, SJR:0.578, ISI IF:1.74
- Lumupa ce e:
2046. Mouchtouris, S., & Kokkoris, G. (2017). Multiscale modeling of low pressure plasma etching processes: Linking the operating parameters of the plasma reactor with surface roughness evolution. Plasma Processes and Polymers, 14(4-5) doi:10.1002/ppap.201600147, @2017
300. Batchvarov VN, **Christov II**, Bortolan G, Govindan M, Behr ER. Automatic assessment of right ventricular repolarisation heterogeneity during diagnostic ajmaline test for suspected Brugada syndrome. Computers in Cardiology, 36, 2009, 296-300. SJR:0.506
- Lumupa ce e:
2047. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
301. **Christov I, Jekova I, Krasteva V, Dotsinsky I, Stoyanov T.** Rhythm analysis by heartbeat classification in the electrocardiogram. International Journal Bioautomation, 13, 2, 2009, ISSN:1312 – 451X, 84-96
- Lumupa ce e:
2048. Razavi SR, Mohammadi MHD, (2017), R-peak Detection in Electrocardiogram Signals Using Continuous Wavelet Transform, Int. J. Bioautomation, 21(2), 165-178, [http://www.clbme.bas.bg/bioautomation//2017/vol\\_21.2/files/21\\_2\\_01.pdf](http://www.clbme.bas.bg/bioautomation//2017/vol_21.2/files/21_2_01.pdf); N11., @2017
302. Pankov R., **Momchilova A.** Fluorescent labeling techniques for investigation of fibronectin fibrillogenesis (labeling fibronectin fibrillogenesis).. Methods Mol Biol., Extracellular Matrix Protocols: Second edition., 522, Springer, 2009, 261-274. ISI IF:1.29
- Lumupa ce e:
2049. Niddam A.F., Ebady R., Bansal A., Koehler A., Hinz B., & Moriarty T.J., "Plasma fibronectin stabilizes Borrelia burgdorferi-endothelial interactions under vascular shear stress by a catch-bond mechanism." Proceedings of the National Academy of Sciences, 114(17), E3490-E3498. 2017, @2017
303. **Raikova, R.** Investigation of the influence of the elbow joint reaction on the predicted muscle forces using different optimization functions. Journal of Musculoskeletal Research, 12, 2009, 1-13. SJR:0.12
- Lumupa ce e:
2050. Price P.D.B., Gissane C., Cleather D.J.. Reliability and minimal detectable change values for predictions of knee forces during gait and stair ascent derived from the free body musculoskeletal model of the lower limb. Frontiers in Bioengineering and Biotechnology, December 2017 | Volume 5 | Article 74, @2017
2051. Parr M., Price P.D.B., Cleather D.J. Effect of a gluteal activation warm-up on explosive exercise performance, BMJ Open Sport & Exercise Medicine 3(1):e000245 · June 2017 DOI: 10.1136/bmjsem-2017-000245, @2017

304. Doncheva, Sn, Poschenrieder, C., Stoyanova, Zl, Georgieva, K, **Velichkova, M**, Barcelo, J. Silicon amelioration of manganese toxicity in Mn-sensitive and Mn-tolerant maize varieties. Environmental and Experimental Botany, 65, 2-3, 2009, DOI:10.1016/j.envexpbot.2008.11.006, 189-197. SJR:1.038, ISI IF:3.359

Lumupa ce e:

2052. Przybysz A., Wrochna M., Gawrońska H., Malecka-Przybysz M., Pietrzyk S., Gawroński S.W. (2017) Effect of manganese on yield and quality of hydroponically grown lettuce. J. Elem., 22(1): 315-327. DOI: 10.5601/jelem.2016.21.1.1127., @2017

2053. F. Ashfaque, A. Inam, A. Inam, S. Iqbal, S. Sahay (2017) Response of silicon on metal accumulation, photosynthetic inhibition and oxidative stress in chromium-induced mustard (Brassica juncea L.). South African Journal of Botany, 111, 153-160. <http://dx.doi.org/10.1016/j.sajb.2017.03.002>, @2017

2054. Marie Luyckx, Jean-Francois Hausman, Stanley Lutts and Gea Guerriero (2017) Silicon and Plants: Current Knowledge and Technological Perspectives. Front. Plant Sci. 8:411. doi: 10.3389/fpls.2017.00411, @2017

2055. D Debona, FA Rodrigues, LE Datnoff (2017) Silicon's Role in Abiotic and Biotic Plant Stress. Annual Review of Phytopathology, 55, 85-107. DOI: 10.1146/annurev-phyto-080516-035312, @2017

2056. de Jesus, L.R., Batista, B.L. & da Silva Lobato, A.K. (2017) Silicon reduces aluminum accumulation and mitigates toxic effects in cowpea plants Acta Physiol Plant 39: 138. doi:10.1007/s11738-017-2435-4, @2017

2057. Richard J. Haynes (2017) Significance and Role of Si in Crop Production. Advances in Agronomy, 146, 83-166. <https://doi.org/10.1016/bs.agron.2017.06.001>, @2017

2058. Mirza Hasanuzzaman, Kamrun Nahar, Anisur Rahman, Jubayer Al Mahmud, Shahadat Hossain, Khairul Alam, Hirosuke Oku, Masayuki Fujita (2017) Actions of Biological Trace Elements in Plant Abiotic Stress Tolerance. In: Essential Plant Nutrients, Uptake, Use Efficiency, and Management (Editors: M. Naeem, Abid A. Ansari, Sarvajeet Singh Gill) ISBN: 978-3-319-58840-7, pp 213-274., @2017

2059. Hassan Etesamia, Byoung Ryong Jeong (2018) Silicon (Si): Review and future prospects on the action mechanisms in alleviating biotic and abiotic stresses in plants. Ecotoxicology and Environmental Safety, 147, 881-896., @2017

2060. M. Soltani, Mohammad Kafi, A. Nezami, H. R.Taghiyari. Effects of Silicon Application at Nano and Micro Scales on the Growth and Nutrient Uptake of Potato Minitubers (Solanum tuberosum var. Agria) in Greenhouse Conditions, BioNanoSci. (2017). <https://doi.org/10.1007/s12668-017-0467-2>. 2017, @2017

2061. A.J. Silva, C.W.A. Nasimento, and A.S. Gouveia-Neto (2017) Assessment of cadmium phytotoxicity alleviation by silicon using chlorophyll a fluorescence. Photosynthetica, 55, . doi:10.1007/s11099-016-0680-1, @2017

2062. Yuan LIU, Zhong-yi LI, Ren-kou XU. The distribution of Mn(II)chemical forms on soybean roots as related to Mn(II) toxicity. Pedosphere. (in press) [https://doi.org/10.1016/S1002-0160\(17\)60413-2](https://doi.org/10.1016/S1002-0160(17)60413-2). 2017, @2017

305. Vassilev V., Djondjorov P., **Mladenov I.** Integrable Dynamical Systems of the Frenet–Serret Type. , In: Proc. of the 9th International Workshop on Complex Structures, Integrability and Vector Fields, World Scientific, 2009, 234-244

Lumupa ce e:

2063. Castro I., Castro-Infantes I. and Castro-Infantes J., Mediterr. J. Math. (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017

306. Bortolan G, Bressan M, **Christov I.** Review on the diagnostic potentials of the T-loop morphology in VCG.. Bioautomation, 13, 4, 2009, 55-71. SJR:0.396

Lumupa ce e:

2064. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

307. Andreeva, A, **Velitchkova, M.** Resonance Raman studies of carotenoid molecules within photosystem I particles. Biotechnol. Biotechnol. Equip, 23, 2009, 488-492. ISI IF:0.3

Lumupa ce e:

2065. Matthias Koch, Serge Zagermann, Ann-Kathrin Kniggendorf, MerveMeinhardt-Wollweber and Bernhard Roth (2017) Violaxanthin cycle kinetics analysed in vivo with resonance Raman spectroscopy. J. Raman Spec. 48: 686–691. DOI 10.1002/jrs.5102, @2017

308. Klinkhammer, W., Müller, H., **Pajeva, I.**, Wiese, M.. Synthesis and biological evaluation of a small molecule library of multidrug resistance modulators. Bioorg. Med. Chem., 17, 6, 2009, 2524-2535. ISI IF:2.822

Lumupa ce e:

- 2066.** Benmansour, F; Trist, I; Coutard, B; Decroly, E; Querat, G; Brancale, A; Barral, K. Discovery of novel dengue virus NS5 methyltransferase non-nucleoside inhibitors by fragment-based drug design, EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 125 865-880; 10.1016/j.ejmech.2016.10.007 JAN 5 2017, @2017
- 2067.** Qiu, QQ; Liu, BM; Cui, J; Li, Z; Deng, X; Qiang, H; Li, JM; Liao, C; Zhang, B; Shi, W; Pan, MB; Huang, WL; Qian, H. Design, Synthesis, and Pharmacological Characterization of N-(4-(2-(6, 7-Dimethoxy-3, 4-dihydroisoquinolin-2(1H-yl)ethyl)phenyl)quinazolin-4-amine Derivatives: Novel Inhibitors Reversing P-Glycoprotein-Mediated Multidrug Resistance. JOURNAL OF MEDICINAL CHEMISTRY, 60 (8):3289-3302; 10.1021/acs.jmedchem.6b01787 APR 27 2017, @2017
- 2068.** E. Teodori, S. Dei, G. Bartolucci, M. G. Perrone, D. Manetti, M. N. Romanelli, M. Contino, N. A. Colabufo. Structure-Activity Relationship Studies on 6, 7-Dimethoxy-2-phenethyl-1, 2, 3, 4-tetrahydroisoquinoline Derivatives as Multidrug Resistance (MDR) reversers. ChemMedChem 2017, 12, 1369, @2017
- 2069.** Mologni, L; Via, MD; Chilin, A; Palumbo, M; Marzaro, G. Discovery of (RET)-R-wt and (RET)-R-V804M Inhibitors: From Hit to Lead. CHEMMEDCHEM, 12 (16):1390-1398; SI 10.1002/cmdc.201700243 AUG 22 2017, @2017
- 309. Pencheva, T.** Intuitionistic Fuzzy Logic in Generalized Net Model of an Advisory System for Yeast Cultivation On-line Control. Notes on Intuitionistic Fuzzy Sets, 15, 4, 2009, 45-51  
Lumupa ce s:
- 2070.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
- 310. Pajeva, I.,** Globisch, C., Wiese, M.. Combined pharmacophore modeling, docking and 3D QSAR study of ABCB1 and ABCC1 transporter inhibitors. ChemMedChem., 4, 11, 2009, 1883-1896. ISI IF:3.232  
Lumupa ce s:
- 2071.** Lorendeau, D; Dury, L; Nasr, R; Boumendjel, A; Teodori, E; Gutschow, M; Falson, P; Di Pietro, A; Baubichon-Cortay, H. MRP1-dependent collateral sensitivity of multidrug-resistant cancer cells: identifying selective modulators inducing cellular glutathione depletion. CURRENT MEDICINAL CHEMISTRY, 24 (12):1186-1213; 10.2174/0929867324666161118130238 2017, @2017
- 2072.** Miteva, M. A., Villoutreix, B. O. Computational Biology and Chemistry in MTi: Emphasis on the Prediction of Some ADMET Properties. MOLECULAR INFORMATICS, 36 (10):SI 10.1002/minf.201700008 OCT 2017, @2017
- 2073.** Mollazadeh S., Shamsara J., Iman M., Hadizadeh F. Docking and QSAR studies of 1, 4-dihydropyridine derivatives as anti-cancer agent. Recent Patents on Anti-Cancer Drug Discovery, 12(2), pp.174-185, 2017, @2017
- 2074.** Varma, MV; Lai, YR; El-Kattan, AF. Molecular properties associated with transporter-mediated drug disposition. ADVANCED DRUG DELIVERY REVIEWS, 116 92-99; 10.1016/j.addr.2017.05.014 JUL 1 2017, @2017
- 311. Vassilev, P., Todorova, L.** Generalized net model of a k-nearest neighbor rule pattern recognition algorithm for the case of intuitionistic fuzzy sets. Proc. of 10th International Workshop on Generalized Nets, 2009, ISSN:1313-6860, 8-13  
Lumupa ce s:
- 2075.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
- 312. Lagorce, D., Pencheva, T., Villoutreix, B., Miteva, M..** DG-AMMOS: A New Tool to Generate 3D Conformation of Small Molecules using Distance Geometry and Automated Molecular Mechanics Optimization for in silico Screening. BMC Chemical Biology, 9, 2009, 6. ISI IF:4.14  
Lumupa ce s:
- 2076.** Hawkins P. C. D., Conformation Generation: The State of the Art, J. Chem. Inf. Model., 2017, 57(8), 1747-1756., @2017
- 2077.** Friedrich N.-O., A. Meyder, C. de Bruyn Kops, K. Sommer, F. Flachsenberg, M. Rarey, J. Kirchmair, High-quality Dataset of Protein-bound Ligand Conformations and Its Application to Benchmarking Conformer Ensemble Generators, Journal of Chemical Information and Modelling, 2017, 57(3), 529-539., @2017
- 313. Pencheva, T., Atanasov, K., Shannon, A..** Modelling of a Roulette Wheel Selection Operator in Genetic Algorithms Using Generalized Nets. International Journal Bioautomation, 13, 4, 2009, ISSN:1313-261X, 257-264  
Lumupa ce s:
- 2078.** Kumar M., A. J. Kulkarni, S. C. Satapathy, Socio Evolution & Learning Optimization Algorithm: A Socio-inspired Optimization Methodology, Future Generation Computer Systems, 2017, <https://doi.org/10.1016/j.future.2017.10.052>., @2017

2079. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
2080. Wen S., Q. Meng, C. Feng, C. Tang, Protocol Vulnerability Detection Based on Network Traffic Analysis and Binary Reverse Engineering, PLoS ONE, 2017, 12(10): e0186188. <https://doi.org/10.1371/journal.pone.0186188>., @2017
2081. Saleh A. I., A. E. Abulwafa, M. F. Al Rahmawy, A Web Page Distillation Strategy for Efficient Focused Crawling Based on Optimized Naïve Bayes (ONB) Classifier, Applied Soft Computing, 2017, 53, 181-204., @2017
314. Dimitrova, N A, **Arabadzhiev, T I**, Hogrel, J-Y, Dimitrov, G V. Fatigue analysis of interference EMG signals obtained from biceps brachii during isometric voluntary contraction at various force levels. Journal of Electromyography and Kinesiology, 19, 2, Elsevier, 2009, DOI:S1050-6411(07)00145-9 [pii] 10.1016/j.jelekin.2007.08.007, 252-258. ISI IF:1.647
- Lumupa ce e:
2082. Lee SS, Jang JH, Cho CO, Kim DJ, Moon GP, Kim B, Choi AR, Lee KY: Endurance Capacity of the Biceps Brachii Muscle Using the High-to-Low Ratio between Two Signal Spectral Moments of Surface EMG Signals during Isotonic Contractions, J Electr Eng Technol 2017; 12(4): 1921-28, @2017
315. **Pajeva, I**, Globisch, C., Wiese, M.. Comparison of the inward- and outward-open homology models and ligand binding of human P-glycoprotein. FEBS J., 276, 23, 2009, 7016-7026. ISI IF:3.042
- Lumupa ce e:
2083. Szollosi D., Chiba P., Szakacs G., Stockner T., Hegedus T. Mechanism of drug transport by ABC multidrug proteins in structural perspectives. Amino Acids, Peptides and Proteins, 41, pp.152-187, 2017, @2017
316. **Pencheva, T., Atanassov, K.**, Shannon, A.. Modelling of a Stochastic Universal Sampling Selection Operator in Genetic Algorithms Using Generalized Nets. Tenth International Workshop on Generalized Nets, 2009, ISSN:1313-6860, 1-7
- Lumupa ce e:
2084. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
317. **Taneva, S.G.**, Banuelos, S., Falces, J., Arregi, I., Muga, A., Konarev, P.V., Svergun, D.I., Velázquez-Campoy, A., Urbaneja, M.A.. A Mechanism for Histone Chaperoning Activity of Nucleoplasmin: Thermodynamic and Structural Models. Journal of Molecular Biology, 393, 2, 2009, ISSN:0022-2836, DOI:10.1016/j.jmb.2009.08.005, 448-463. ISI IF:3.871
- Lumupa ce e:
2085. Fly Fishing for Histones: Catch and Release by Histone Chaperone Intrinsically Disordered Regions and Acidic Stretches Warren, C, Shechter, D JOURNAL OF MOLECULAR BIOLOGY 2017, 429 (16) 2401-2426, @2017
318. Gallasch E., Christova M., Krenn M., **Kossev A.R.**, Rafolt D.. Changes in motor cortex excitability following training of a novel goal-directed motor task.. Eur. J. Appl. Physiol., 105, 1, 2009, ISSN:14396319, 47-57. ISI IF:1.931
- Lumupa ce e:
2086. Leung M, Rantalainen T, Teo WP, Kidgell D (2017) European Journal of Applied Physiology, 117(12): 2479-2492., @2017
2087. Dancey E (2017) The effect of experimental pain on neural function and motor learning, University of Ontario Institute of Technology, Canada (Thesis), @2017
2088. Monda V, Valenzano A, Moscatelli F, Salerno M, Sessa F, Triggiani AI, Viggiano A, Capranica L, Marsala G, De Luca V, Cipolloni L, Ruberto M, Precenzano F, Carotenuto M, Zammit C, Gelzo M, Monda M, Cibelli G, Messina G, Messina A (2017) Front. Physiol., Vol.8, Articl 695, doi: 10.3389/fphys.2017.00695, @2017
2089. Shibuya K, Park SB, Howells J, Huynh W, Noto Y-I, Shahrizaila N, Matamala JM, Vucic S, Kiernan MC (2017) Muscle & Nerve, 55(3): 424-427., @2017
319. Mileva K.N., Bowtell J.L., **Kossev A.R.**. Effects of low frequency whole body vibration on motor evoked potentials in healthy men.. Exp. Physiol., 94, 1, 2009, ISSN:09580670, 103-116. ISI IF:2.91
- Lumupa ce e:
2090. Felter C (2017) Current Physical Medicine and Rehabilitation Reports, doi:10.1007/s40141-017-0155-8., @2017

2091. Huang M, Liao L-R, Pang MYC (2017) Clinical Rehabilitation, 31(1): 23-33., @2017
2092. Harwood B, Scherer J, Brown RE, Cornett KMD, Kenno KA, Jakobi JM (2017) Scandinavian Journal of Medicine & Sports, 27(12): 1569-1575., @2017
2093. Souron R, Besson T, Millet GY, Lapole T (2017) Eur. J. Appl. Physiol., 117(10): 1939-1964., @2017
2094. Jang SH, Yeo SS, Lee SH, Jin SH, Lee MY (2017) Neural Regen Res, 12(8): 1294-1298., @2017
2095. Sung Ho Jang, Sang Seok Yeo, Seung Hyun Lee, Sang Hyun Jin, Mi Young Lee (2017) Neural regeneration Research, 12(8): 1294-1298., @2017

320. Djondjorov P., Vassilev V., **Mladenov I.** Plane Curves Associated with Integrable Dynamical Systems of the Frenet–Serret Type. In: Proc. of the 9th International Workshop on Complex Structures, Integrability and Vector Fields, World Scientific, 2009, 57-63

Lumupa ce e:

2096. Castro I., Castro-Infantes I. and Castro-Infantes J., Mediterr. J. Math. (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017

321. Kirilov G., Zacharieva S., **Alexandrov A.S.**, Lozanov V., Mitev V.. Increased plasma endothelin level as an endothelial marker of cardiovascular risk in patients with active acromegaly:A comparison with plasma homocysteine. Methods Find Exp Clin Pharmacol., 31, 2009, ISSN:0379-0355, 457-461. ISI IF:1.136

Lumupa ce e:

2097. Pivonello R, Auriemma RS, Grasso LF, Pivonello C, Simeoli C, Patalano R, Galdiero M, Colao A. Pituitary 20 (1), 46-62, 2017. doi:10.1007/s11102-017-0797-7, @2017

2098. Huang Z, Hong Q, Zhang X, Xiao W, Wang L, Cui S, Feng Z, Lv Y, Cai G, Chen X, Wu D. Aldose reductase mediates endothelial cell dysfunction induced by high uric acid concentrations. Cell Commun Signal. 2017 Jan 5; 15(1):3. doi: 10.1186/s12964-016-0158-6, @2017

322. Fedina, I, Nedeva, D, Georgieva, K, **Velitchkova, M.** Methyl jasmonate counteract UV-B stress in barley seedlings. J. Agron. Crop Sci, 195, 3, 2009, ISSN:1439-037X, 204-212. ISI IF:2.444

Lumupa ce e:

2099. Lucas A. Souza, Carolina C. Monteiro, Rogério F. Carvalho, Priscila L. Gratão, Ricardo A. Azevedo (2017) Dealing with abiotic stresses: an integrative view of how phytohormones control abiotic stress-induced oxidative stress. Theor. Exp. Plant Physiol. 29, 109-127. https://doi.org/10.1007/s40626-017-0088-8, @2017

---

## 2010

---

323. Djondjorov P., **Hadzhilazova M.**, **Mladenov I.**, Vassilev V.. Beyond Delaunay Surfaces. J. Geom. Symmetry Phys., 18, 2010, 1-11. SJR:0.44

Lumupa ce e:

2100. Kokubu M., Application of a Unified Kenmotsu-Type Formula for Surfaces in Euclidean or Lorentzian Three-Space arXiv:1711.05427v1, 2017., @2017

324. **Todorova, L.** Algorithm for clustering data set represented by intuitionistic fuzzy estimates. Bioautomation International Journal, 14, 14, 2010, SJR:0.228

Lumupa ce e:

2101. D'Urso, Pierpaolo. "Informational Paradigm, management of uncertainty and theoretical formalisms in the clustering framework: A review." Information Sciences 400: 30-62, 2017, @2017

325. **Christov I**, Bortolan G, Simova I, Katova T. T wave and QRS complex alternans during standard diagnostic stress ECG test. Computing in Cardiology, 37, 2010, 1039-1042. SJR:0.63

Lumupa ce e:

2102. Srihari (2017) A broad study on ECG signal noise suppression for medical applications. Int. J. of Electronics and Communication Engineering, pp. 55-58, <http://www.internationaljournalsrsg.org/IJECE/2017/Special-Issues/ICRTESTM/IJECE-ICRTESTM-P111.pdf>, @2017
2103. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство - БАН, 114 стр, @2017
326. **Roeva, O., T. Pencheva.** Generalized Net Model of a Multi-population Genetic Algorithm. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 8, 2010, 91-101  
*Лумупа се е:*
2104. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
2105. Ангелова Н., Програмна реализация на обобщени мрежи и приложения за моделиране, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
327. **Pencheva, T.** Generalized Net Model of an Advisory System for On-line Control of Yeast Fed-batch Cultivation. Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications, 2010, 217-231  
*Лумупа се е:*
2106. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
328. **Tsoneva, I.,** Iordanov, I., Berger, A., Tomov, T., **Nikolova, B.,** Mudrov N., Berger, M.. Electrodilivery of drugs into cancer cells in the presence of poloxamer 188.. Journal of Biomedicine and Biotechnology., 2010, ISI IF:1.225  
*Лумупа се е:*
2107. Poellmann, M.J. & Lee, R.C. Repair and Regeneration of the Wounded Cell Membrane, Regen. Eng. Transl. Med. doi:10.1007/s40883-017-0031-1, (2017), @2017
329. Thalhammer, A., Hundertmark, M., **Popova, A.V.,** Secler, R., Hinch, D.K.. Interaction of two intrinsically disordered plant stress proteins (COR15A and COR15B) with lipid membranes in the dry state. BBA-Biomembranes, 1798, 9, 2010, 1812-1820. ISI IF:4.647  
*Лумупа се е:*
2108. Wang, X., Zhang, L., Zhang, Y., Bai, Z., Liu, H., Zhang, D., 2017, Triticum aestivum WRAB18 functions in plastids and confers abiotic stress tolerance when overexpressed in Escherichia coli and nicotiana benthamiana, PLoS ONE, 12 (2) Article number e0171340, @2017
2109. Liu Y., Yang M., Cheng H., Sun N., Liu S., Li S., Wang Y., Zheng Y., Uversky V.N., 2017, The effect of phosphorylation on the salt-tolerance-related functions of the soybean protein PM18, a member of the group-3 LEA protein family, Biochim. Biophys. Acta-Proteins and Proteomics, 1865 (11) 1291-1303, @2017
2110. Hamdi K., Salladini E., O'Brien D.P., Brier S., Chenal A., Yacoubi I., Longhi S., 2017, Structural disorder and induced folding within two cereal ABA stress and ripening (ASP) proteins, Scientific Reports 7 (1), DOI: 10.1038/s41598-017-15299-4License: CC BY 4.0, @2017
2111. Albornos L., Martin I., Labrador E., Dopico B., 2017, Three members of Medicago truncatula ST family are ubiquitous during development and modulated by nutritional status (MtST1) and dehydration (MtST2 and MtST3), BMC Plant Biology, 17 (1) art. Number 117, DOI: 10.1186/s12870-017-1061-z, @2017
2112. Ma X., Wang G., Zhao W., Yang M., Ma N., Kong F., Dong X., Meng Q., 2017, SICOR413IM1: A novel cold-regulation gene from tomato, enhances drought stress tolerance in tobacco, Journal of Plant Physiology, 216, 88-99, doi.org/10.1016/j.jplph.2017.03.016., @2017
330. **Arabadzhiev, T.I., Dimitrov, V.G.,** Dimitrova, N.A., Dimitrov, G.V.. Influence of motor unit synchronization on amplitude characteristics of surface and intramuscularly recorded EMG signals. European Journal of Applied Physiology, 108, 2, Springer, 2010, ISSN:1439-6319 (Print) 1439-6327 (Online), DOI:10.1007/s00421-009-1206-3, 227-237. ISI IF:2.187  
*Лумупа се е:*
2113. Ekberg N: Muscle activation during the chin-up exercise versus the lat-pulldown exercise using different workloads: An Electromyography study, Bachelor Thesis, School of Business, Engineering and Science, Halmstad University, Sweden, 2017, @2017

331. **Raikova, R.**, Rusev, R., Drzymala-Celichowska, H., Krutki, P., Aladjov, H., Celichowski, J.. Experimentally verified mathematical approach for prediction of force developed by motor units at variable frequency stimulation patterns. Journal of Biomechanics, 28, Elsevier, 2010, 1546-1552. ISI IF:2.784  
Цитира се в:  
2114. Watanabe S., Fukuhara S., Fujinaga T., Oka H. Estimating the minimum stimulation frequency necessary to evoke tetanic progression based on muscle twitch parameters, 2017 Physiol. Meas. 38 466, <http://iopscience.iop.org/article/10.1088/1361-6579/aa5bd1/meta>, @2017
332. **Atanassov K.**, D. Dimitrov, **V. Atanassova**. Algorithms for Tokens Transfer in Different Types of Intuitionistic Fuzzy Generalized Nets. Journal of Cybernetics and Information Technologies, 10, 4, 2010, 22-35. SJR:0.101  
Цитира се в:  
2115. Ваня Красимирова Георгиева, „Обобщеномрежово моделиране на процеси и пречистване на води“, Дисертационен труд за присъждане на ОНС доктор по информатика, Институт по биофизика и биомедицинско инженерство, БАН, 2017., @2017
333. Batchvarov V, **Christov I**, Bortolan G, Behr E. Principal component analysis of the QRS complex during diagnostic ajmaline test for suspected Brugada syndrome. 37, 2010, 501-504. SJR:0.63  
Цитира се в:  
2116. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
334. **Krasteva V, Jekova I, Dotsinsky I**, Didon JP. Shock advisory system for heart rhythm analysis during cardiopulmonary resuscitation using a single ECG input of automated external defibrillators. Annals on Biomedical Engineering, 38, Springer, 2010, ISSN:0090-6964, 1326-1336. ISI IF:3.195  
Цитира се в:  
2117. Gong Y, Gao P, Wei L, Dai C, Zhang L, Li Y, (2017), An enhanced adaptive filtering method for suppressing cardiopulmonary resuscitation artifact, IEEE Transactions on Biomedical Engineering, vol. 66(2), pp. 471-478, doi: 10.1109/TBME.2016.2564642, ISSN: 0018-9294; N27., @2017  
2118. Wijshoff R, Muhlsteff J, (2017), System and method for monitoring spontaneous pulse and compressions using invasive arterial blood pressure during cardiopulmonary resuscitation, World Patent WO2017072055 A1, Date of publication: 2017-05-04, Application No: PCT/EP2016/075472; <https://www.google.com/patents/WO2017072055A1> ; N1., @2017  
2119. Minh Tuan Nguyen, Binh Van Nguyen, Kiseon Kim, (2017), Shockable Rhythm Diagnosis for Automated External Defibrillators Using a Modified Variational Mode Decomposition Technique, IEEE Transactions on Industrial Informatics, vol. 13, pp. 3037–3046, DOI: 10.1109/TII.2017.2740435; N14., @2017
335. **Mladenov I., Hadzhilazova M.**, Djondjorov P., Vassilev V.. On the Plane Curves Whose Curvature Depends on the Distance From the Origin. AIP Conf. Proc., 1307, 2010, 112-118  
Цитира се в:  
2120. Castro I., Castro-Infantes I. and Castro-Infantes J., Mediterr. J. Math. (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017
336. **Krasteva, N.**, Toromanov, G., **Hristova, K.**, Radeva, E., Altankov, G., Pramatarova, L.. Initial biocompatibility of plasma polymerized hexamethyldisiloxane films with different wettability. 2010  
Цитира се в:  
2121. Mahadik, S.A., Pedraza, F., Mahadik, S.S., Relekar, B.P., Thorat, S.S., Biocompatible superhydrophobic coating material for biomedical applications, Journal of Sol-Gel Science and Technology, Volume 81, Issue 3, 1 March 2017, Pages 791-796, @2017  
2122. Matos, A.O., Ricomini-Filho, A.P., Beline, T., Ogawa, E.S., Costa-Oliveira, B.E., de Almeida, A.B., Nociti Junior, F.H., Rangel, E.C., da Cruz, N.C., Sukotjo, C., Mathew, M.T., Barão, V.A.R., Three-species biofilm model onto plasma-treated titanium implant surface, Colloids and Surfaces B: Biointerfaces, Volume 152, 1 April 2017, Pages 354-366, @2017  
2123. Tupinambá R.A., Claro C.A.A., Pereira C.A., Nobrega C.J.P., Claro A.P.R.A., Bacterial adhesion on conventional and self-ligating metallic brackets after surface treatment with plasma-polymerized hexamethyldisiloxane, Dental

337. **Atanassova, Vassia**. Representation of fuzzy and intuitionistic fuzzy data by Radar charts. Notes on Intuitionistic Fuzzy Sets, 16, 1, Bulgarian Academy of Sciences, 2010, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 21-26  
Lumupa ce e:  
2124. Castillo, O., Hernandez-Aguila, A., & Garcia-Valdez, M. (2017). A method for graphical representation of membership functions for intuitionistic fuzzy inference systems. Notes on Intuitionistic Fuzzy Sets, Vol. 23, 2017, No. 2, 79–87. <http://ifigenia.org/mediawiki/images/b/bb/NIFS-23-2-079-087.pdf>, @2017  
2125. Hernandez-Aguila, A., Garcia-Valdez, M., & Castillo, O. (2017). On the Graphical Representation of Intuitionistic Membership Functions for Its Use in Intuitionistic Fuzzy Inference Systems. In Nature-Inspired Design of Hybrid Intelligent Systems (pp. 115-126). Springer International Publishing. [https://link.springer.com/chapter/10.1007/978-3-319-47054-2\\_7](https://link.springer.com/chapter/10.1007/978-3-319-47054-2_7), @2017
338. Georgieva R., Koumanov K., **Momchiliva A.**, Tessier C., **Staneva G.**. Effect of sphingosine on domain morphology in giant vesicles. Journal of colloid and inter face and science, 350, 2, 2010, 502-510. ISI IF:4.233  
Lumupa ce e:  
2126. Lima S., Milstien S., & Spigel S., "Sphingosine and Sphingosine kinase 1 involvement in endocytic membrane trafficking." Journal of Biological Chemistry, 292 (8), 3074-3088, 2017, @2017  
2127. Carreira A.C., de Almeida R.F., & Silva L.C., "Development of lysosome-mimicking vesicles to study the effect of abnormal accumulation of sphingosine on membrane properties." Scientific Reports, 7, 2017, @2017
339. Falces, J., Arregi, I., Konarev, P.V., Urbaneja, M.A., Svergun, D.I., **Taneva, S.G.**, Banuelos, S.. Recognition of nucleoplasmin by its nuclear transport receptor importin  $\alpha/\beta$ : Insights into a complete import complex. Biochemistry, 49, 45, 2010, 9756-9769. ISI IF:3.02  
Lumupa ce e:  
2128. Kapinos, LE ; Huang, BL ; Rencurel, C ; Lim, RYH Karyopherins regulate nuclear pore complex barrier and transport function JOURNAL OF CELL BIOLOGY 2017, 216 (11) 3609-3624, @2017  
2129. Warren, C ; Shechter, D Fly Fishing for Histones: Catch and Release by Histone Chaperone Intrinsically Disordered Regions and Acidic Stretches JOURNAL OF MOLECULAR BIOLOGY 2017, 429 (16) 2401-2426, @2017  
2130. Structural insights into the nuclear import of the histone acetyltransferase MOF by importin  $\alpha 1$  Weili Zheng, Xi Liu, Benqiang Yao, Shikai Jin, Rui Wang, Siyu Tian, Ang Chen, Yong Li Traffic 2017, 1-10, @2017  
2131. Chromosomal passenger complex hydrodynamics suggests chaperoning of the inactive state by nucleoplasmin/nucleophosmin Mariah L. Hanley, Tae Yeon Yoo , Matthew Sonnetta, Daniel J. Needleman, and Timothy J. Mitchisona Molecular Biology of the Cell, 2017, 28(11) 1444-1456, @2017
340. **Krumova, S. B.**, Laptinok, S., Borst, J.W., Ughy, B., Gombos, Z., Ajlani, G., van Amerongen, H.. Monitoring photosynthesis in individual cells of Synechocystis sp. PCC 6803 on a picosecond timescale. Biophysical Journal, 99, 6, 2010, DOI:10.1016/j.bpj.2010.07.015, 2006-2015. ISI IF:4.218  
Lumupa ce e:  
2132. Kim, GD; Cho, YH; Yoo, SD, Phytohormone ethylene-responsive Arabidopsis organ growth under light is in the fine regulation of Photosystem II deficiency-inducible AKIN10 expression, SCIENTIFIC REPORTS, Volume: 7, Article Number: 2767 DOI: 10.1038/s41598-017-02897-5, Published: JUN 5 2017, @2017  
2133. Mirkovic, T; Ostroumov, EE; Anna, JM; van Grondelle, R; Govindjee (Govindjee); Scholes, GD, Light Absorption and Energy Transfer in the Antenna Complexes of Photosynthetic Organisms, CHEMICAL REVIEWS, Volume: 117 Issue: 2 Pages: 249-293 Special Issue: SI, DOI: 10.1021/acs.chemrev.6b00002 Published: JAN 25 2017, @2017
341. Julien, J.-P., Huarte, N., Maeso, R., **Taneva, S.G.**, Cunningham, A., Nieva, J.L., Pai, E.F.. Ablation of the complementarity-determining region H3 apex of the anti-HIV-1 broadly neutralizing antibody 2F5 abrogates neutralizing capacity without affecting core epitope binding. Journal of Virology, 84, 9, 2010, DOI:10.1128/JVI.02357-09, 4136-4147. ISI IF:5.189  
Lumupa ce e:  
2134. Cerutti, N; Loredó-Varela, JL; Caillat, C; Weissenhorn, W Antip41 membrane proximal external region antibodies and the art of using the membrane for neutralization CURRENT OPINION IN HIV AND AIDS 2017, 12 (3) 250-256, @2017  
2135. Trimeric gp120-specific bovine monoclonal antibodies require cysteine and aromatic residues in CDRH3 for high affinity binding to HIV Env Heydarchi, B; Center, RJ; Bebbington, J; Cuthbertson, J; Gonelli, C; Khoury, G;

342. Fedina, I, Hidema, J, **Velitchkova, M**, Georgieva, K, Nedeva, D. UV-B induced stress responses in three rice cultivars. Biol. Plant., 54, 3, 2010, ISSN:0006-3134, 571-574. ISI IF:1.849

Lumupa ce e:

2136. Ana Luengo Escobar, Miren Alberdi, Patricio Acevedo, Mariana Machado, Adriano Nunes-Nesi, Claudio Inostroza-Blancheteau and Marjorie Reyes-Díaz (2017) Distinct physiological and metabolic reprogramming by highbush blueberry (*Vaccinium corymbosum*) cultivars revealed during long-term UV-B radiation. *Physiol. Plant.* 160: 46–64. DOI: 10.1111/ppl.12536, @2017
2137. Masoumeh ABEDINI1 , Behrokh DAIE-HASSANI1 , Shirwan MALAEI2 (2017) UVA + B treatment affects antioxidant system and phytochemicals of parsley plant under different concentrations of Zn. *Acta agriculturae Slovenica*, 109 (2), 241 – 249, @2017
2138. Sunita Kataria (2017) Oxidative stress and Antioxidative defense system in plants in response to UV-B stress. In: UV-B radiation: From Environmental stressor to regulator of Plant growth. Mapping UV-B Research from Past to Recent Advancements. (Eds. Vijay Pratap Singh, Samiksha Singh, Parul Parihar, Sheo Mohan Prasad) John Wiley & Sons, ISBN: 1119143608, 9781119143604. pp. 99-122, @2017
2139. Anita Singh, Gausiya Bashri and Sheo, Mohan Prasad (2017) Major Influence of Phytochrome and Photosynthetic Machinery Under UV-B Exposure. In: UV-B radiation: From Environmental stressor to regulator of Plant growth. Mapping UV-B Research from Past to Recent Advancements. (Eds. Vijay Pratap Singh, Samiksha Singh, Parul Parihar, Sheo Mohan Prasad). John Wiley & Sons, ISBN: 1119143608, 9781119143604, pp. 123-142, @2017
2140. Smirnakou S, Ouzounis T and Radoglou KM (2017) Continuous Spectrum LEDs Promote Seedling Quality Traits and Performance of *Quercus ithaburensis* var. *macrolepis*. *Front. Plant Sci.* 8:188. doi: 10.3389/fpls.2017.00188, @2017
343. **Taneva, S.G.**, Moro, F., Velazquez-Campoy, A., Muga, A.. Energetics of nucleotide-induced DnaK conformational states. *Biochemistry*, 49, 6, 2010, 1338-1345. ISI IF:3.226
- Lumupa ce e:
2141. Allosteric fine-tuning of the conformational equilibrium poises the chaperone BiP for post-translational regulation Wieteska, L; Shahidi, S; Zhuravleva, A *eLIFE* 2017, 6, Article Number: e29430, @2017
2142. Computational Analysis of Residue Interaction Networks and Coevolutionary Relationships in the Hsp70 Chaperones: A Community-Hopping Model of Allosteric Regulation and Communication Stetz, G; Verkhivker, GM *PLOS COMPUTATIONAL BIOLOGY* 2017, 13 (1) Article Number: e1005299, @2017
2143. Y. Yao, L. Fan, Y. Shi, I. Odsbu and Morigen *Genes* 2017, 8, 1; doi:10.3390/genes8010001 A Spatial Control for Correct Timing of Gene Expression during the *Escherichia coli* Cell Cycle, @2017
344. Radeva E., Pramatarova L., Pecheva E., Hikov T., Iacob E., Vanzetti L., Dimitrova R., **Krasteva N**, Spassov T., Fingarova D.. Study of organosilicon plasma polymer used in composite layers with biomedical application. AIP Conference Proceedings, 1203, American Institute of Physics Publishing LLC, 2010, ISBN:978-073540740-4, ISSN:0094243X, DOI:10.1063/1.3322589, 949-954. SJR:0.198
- Lumupa ce e:
2144. Vechiato-Filho, A.J. , Matos, A.O. , Landers, R., Goiato, M.C., Rangel, E.C., De Souza, G.M., Barão, V.A.R., dos Santos, D.M. Surface analysis and shear bond strength of zirconia on resin cements after non-thermal plasma treatment and/or primer application for metallic alloys, *Materials Science and Engineering C*, 72 (1) pp. 284-292, @2017
345. **Roeva O., Pencheva T., Atanassov K.**, Shannon A.. Generalized Net Model of Selection Operator of Genetic Algorithms. 2010 IEEE International Conference on Intelligent Systems (IS 2010), 2010, ISBN:978-1-4244-5164-7, 286-289
- Lumupa ce e:
2145. Ангелова Н., Програмна реализация на обобщени мрежи и приложения за моделиране, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
2146. Bureva V., E. Sotirova, S. Popov, D. Mavrov, V. Traneva, Generalized Net of Cluster Analysis Process Using STING: A Statistical Information Grid Approach to Spatial Data Mining, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 239-248., @2017
2147. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, *International Journal Bioautomation*, 2017, 21(1), 133-144., @2017
2148. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
346. **Arabadzhiev T.I., Dimitrov V.G.**, Dimitrova N.A., Dimitrov G.V.. Interpretation of integral or RMS EMG and estimate of "neuromuscular efficiency" in fatiguing contraction can be misleading. *Journal of Electromyography and*

Lumupa ce e:

- 2149.** Shair, E. F., et al. "EMG Processing Based Measures of Fatigue Assessment during Manual Lifting." *BioMed Research International*, vol. 2017, Hindawi Limited, 2017, pp. 1–12. Crossref, doi:10.1155/2017/3937254., @2017
- 2150.** Trajano, Gabriel S., et al. "Neurophysiological Mechanisms Underpinning Stretch-Induced Force Loss." *Sports Medicine*, vol. 47, no. 8, Springer Nature, Jan. 2017, pp. 1531–41. Crossref, doi:10.1007/s40279-017-0682-6., @2017
- 2151.** Paz, Gabriel Andrade, et al. "Electromyography Activation of the Lower-Limb Muscles Adopting a Physioball and Elastic Band to Stabilize the Knee Joint During Multiple Sets With Submaximal Loads." *Journal of Sport Rehabilitation*, vol. 26, no. 5, Human Kinetics, Sept. 2017, pp. 406–14. Crossref, doi:10.1123/jsr.2015-0194., @2017

- 347. Atanassov, K.** On index matrices, Part 1: Standard cases. *Advanced Studies in Contemporary Mathematics*, 20, 2, 2010, 291-302

Lumupa ce e:

- 2152.** Roeva, O., S Fidanova, M Paprzycki, Comparison of Different ACO Start Strategies Based on InterCriteria Analysis, *Recent Advances in Computational Optimization, Part of the Studies in Computational Intelligence book series (SCI, volume 717)*, pp 53-7, First Online: 28 June 2017., @2017
- 2153.** Roeva, O., S Fidanova, Comparison of different metaheuristic algorithms based on InterCriteria analysis, *Journal of Computational and Applied Mathematics*, 2017 – Elsevier, @2017
- 2154.** O Roeva, S Fidanova, InterCriteria Analysis of Relations Between Model Parameters Estimates and ACO Performance, *Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence book series (SCI, volume 681)*, pp 175-186, 2017., @2017
- 2155.** Pencheva, T., M Angelova, InterCriteria analysis of simple genetic algorithms performance, *Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence book series (SCI, volume 681)*, pp 147-159, 2017., @2017

- 348. Atanassov, K.** On index matrices, Part 2: Intuitionistic fuzzy case. *Proceedings of the Jangjeon Mathematical Society*, 13, 2, 2010, 121-126

Lumupa ce e:

- 2156.** Pencheva, T., M Angelova, InterCriteria analysis of simple genetic algorithms performance, *Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence book series (SCI, volume 681)*, pp 147-159, 2017., @2017
- 2157.** Roeva, O., S Fidanova, InterCriteria Analysis of Relations Between Model Parameters Estimates and ACO Performance, *Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence book series (SCI, volume 681)*, pp 175-186, 2017., @2017
- 2158.** Roeva, O., S Fidanova, M Paprzycki, Comparison of Different ACO Start Strategies Based on InterCriteria Analysis, *Recent Advances in Computational Optimization, Part of the Studies in Computational Intelligence book series (SCI, volume 717)*, pp 53-7, First Online: 28 June 2017., @2017

- 349. Dimitrova, D.Z.,** Dimitrov, S.D., Iliev, I., Mladenov, M.I., Hristov, K.L., Mihov, D.N., Duridanova, D.B., Gagov, H.S. Ghrelin signaling in human mesenteric arteries. *Journal of Physiology and Pharmacology*, 61, 4, 2010, 383-390. ISI IF:2.653

Lumupa ce e:

- 2159.** Zavaritskaya, Olga, Lubomirov, Lubomir T. , Altay, Serdar, Schubert, Rudolf . "Src tyrosine kinases contribute to serotonin-mediated contraction by regulating calcium-dependent pathways in rat skeletal muscle arteries". *Pflügers Archiv European Journal of Physiology*. 469(5-6), 2017, DOI10.1007/s00424-017-1949-3, @2017

Lumupa ce e:

**2160.** Ruiz P., A. Sack, M. Wampole, S. Bobst, M. Vracko. Integration of in silico methods and computational systems biology to explore endocrine-disrupting chemical binding with nuclear hormone receptors. *Chemosphere*, 178, 2017, 99–109, doi: 10.1016/j.chemosphere.2017.03.026, @2017

**351.** Fidanova, S., **Atanassov, K.**, Marinov, P.. Start strategies of ACO applied on subset problems. *Lecture Notes in Computer Science*, 6046, Springer, Berlin, 2011, 248-255

Lumupa ce e:

**2161.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017

**352.** **Atanassova, V.**, **Atanassov, K.**. Ant Colony Optimization Approach to Tokens' Movement within Generalized Nets. *Numerical Methods and Applications. Lecture Notes in Computer Science*, 6046, Germany, Springer, 2011, 240-247

Lumupa ce e:

**2162.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017

**353.** Dobrev D, **Neycheva T.** Bootstrapped instrumentation biosignal amplifier. 20-th Conference with International Participation. *Annual Journal of Electronics*, 5, 2, Technical University of Sofia, 2011, ISSN:1314-0078, 76-79

Lumupa ce e:

**2163.** Parente, FR, Di Giovanni S, Ferri G, Stornelli V, Pennazza G, Santonico M (2017) An electrode impedance balanced interface for biomedical application. In *AISEM Annual Conference on Sensors and Microsystems*, pp. 289-294. Springer, [https://link.springer.com/chapter/10.1007/978-3-319-66802-4\\_36](https://link.springer.com/chapter/10.1007/978-3-319-66802-4_36)., @2017

**354.** Fidanova, S., **Atanassov, K.**, Marinov, P.. Generalized Nets in Artificial Intelligence. Vol. 5:Generalized Nets and Ant Colony Optimization. "Prof. M. Drinov" Academic Publishing House, 2011

Lumupa ce e:

**2164.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017

**355.** **Pencheva, T.**, **Atanassov, K.**, Shannon, A.. Generalized Nets Model of Offspring Reinsertion in Genetic Algorithms. *Annual of "Informatics" Section of Union of Scientists in Bulgaria*, 4, 2011, 29-35

Lumupa ce e:

**2165.** Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017

**2166.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017

**356.** **Pencheva, T.**. Generalized Nets Model of Crossover Technique Choice in Genetic Algorithms. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, 2011, ISBN:978-83-61551-05-8, 92-100

Lumupa ce e:

**2167.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017

**357.** Zlatanov, I., **Popova, A.V.**. Penetration of lysozyme and cytochrome c in lipid bilayers: Fluorescent study. *Journal of Membrane Biology*, 242, 2, 2011, 95-103. ISI IF:1.808

Lumupa ce e:

**2168.** Mittag J.J., Kneidl B., Preiss T., Hossann M., Winter G., Wunttke S., Endelke H., Raedler J.O., 2017, Impact of plasma protein binding on cargo release by thermosensitive liposomes probed by fluorescence correlation spectroscopy, *Eur J Pharm Sci.* 2017 Jun 13. DOI: 10.1016/j.ejps.2017.06.022, @2017

2169. Alvarez-Paggi, D., Hannibal, L., Castro, M.A., Oviedo-Rouco, S., Demicheli, V., Tórtora, V., Tomasina, F., Radi, R., Murgida, D.H., 2017, Multifunctional Cytochrome c: Learning New Tricks from an Old Dog, 117 (21) 13382-13460., @2017
358. **Pencheva, T.** Modelling of Expanded Advisory System for Yeast Cultivation On-line Control using Generalized Nets and Intuitionistic Fuzzy Logic. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 9, 2011, 101-115  
[Lumupa ce e:](#)  
2170. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
359. **Pencheva, T., Atanassov, K., Shannon, A.** Generalized Net Model of Selection Function Choice in Genetic Algorithms. Recent Advances in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics, Volume II: Applications, 2011, 193-201  
[Lumupa ce e:](#)  
2171. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017  
2172. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
360. **Angelova, M., Pencheva, T.** Tuning Genetic Algorithm Parameters to Improve Convergence Time. International Journal of Chemical Engineering, 2011, DOI:10.1155/2011/646917, SJR:0.204  
[Lumupa ce e:](#)  
2173. Senthil Kumar A. V., Ensemble Online Sequential Extreme Learning Machine and Swarm Intelligent Based Feature Selection for Cleveland Heart Disease Prediction System, International Journal of Advanced Trends in Computer Science and Engineering, 2017, 6(5), 84-91., @2017  
2174. Bechouat M., A. Younsi, M. Sedraoui, Y. Soufi, L. Yousfi, I. Tabet, K. Touafek, Parameters Identification of a Photovoltaic Module in a Thermal System Using Meta-heuristic Optimization Methods, Int J Energy Environ Eng, 2017, 8(4), 331-341., @2017  
2175. Dutta S., S. Acharya, R. Mishra, Genetic Algorithm Approach for Solving Multi-objective Fuzzy Stochastic Programming Problem, International Journal of Mathematics in Operational Research, 2017, 11(1), 1-28., @2017
361. **Angelova, M., Tzonkov, St., Pencheva, T.** Genetic Algorithms Based Parameter Identification of Yeast Fed-batch Cultivation. Numerical Methods and Applications, Vol. 6046 of Lecture Notes in Computer Science, 2011, 224-231. SJR:0.308  
[Lumupa ce e:](#)  
2176. Senthil Kumar A. V., Ensemble Online Sequential Extreme Learning Machine and Swarm Intelligent Based Feature Selection for Cleveland Heart Disease Prediction System, International Journal of Advanced Trends in Computer Science and Engineering, 2017, 6(5), 84-91., @2017  
2177. Roeva O., S. Fidanova, Comparison of Different Metaheuristic Algorithms Based on Intercriteria Analysis, Journal of Computational and Applied Mathematics, 2017, <http://dx.doi.org/10.1016/j.cam.2017.07.028>., @2017  
2178. Borges N. P. Jr., N.P. Borges, A. H. Coelho, J. Destri Jr., A. M. Valente, Horizontal Highway Segmentation Optimisation Using Genetic Algorithms, Proceedings of the Institution of Civil Engineers, 2017, Paper 1600075, Published Online July 25, 2017, <https://doi.org/10.1680/jtran.16.00075>., @2017
362. **Popova, A.V., Hinch, D.K.** Thermotropic phase behaviour of the non-bilayer lipids phosphatidylethanolamine and monogalactosyldiacylglycerol in the dry state. BMC Biophysics, 2011, ISI IF:1.171  
[Lumupa ce e:](#)  
2179. Peters J., Marion J., Natali F., Kats E., Bicout D.J., 2017, The dinamica transition of lipid multilamellar bilayers as a matter of cooperativity, J. Physical Chemistry B, 121 (28) 6860-6868, @2017  
2180. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2017, Phase behaviour of dehydrated phosphatidylcholines, Journal of Thermal Analysis and Calorimetry, 127 (1) 415-421, DOI: 10.1007/s10973-016-5957-x, @2017
363. **Todinova, S, Krumova, S, Gartcheva, L., Roberst, C., Taneva, S. G.** Microcalorimetry of blood serum proteome: a modified interaction network in the multiple myeloma case. Analytical Chemistry, 83, 20, 2011,

Lumupa ce 8:

- 2181.** Farkas, P; Konczol, F; Lorinczy, D, Cyclophosphamide-induced changes in plasma and red blood cells detected by differential scanning calorimetry (DSC) in guinea pigs, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 127 Issue: 2 Pages: 1239-1243, DOI: 10.1007/s10973-016-5442-6 Published: FEB 2017, @2017
- 2182.** Tenchov, B; Abarova, S; Koynova, R; Traikov, L; Tancheva, L, Low-temperature exothermic transitions in brain proteome of mice, effect of scopolamine, THERMOCHIMICA ACTA, Volume: 650 Pages: 26-32, DOI: 10.1016/j.tca.2017.01.012 Published: APR 10 2017, @2017
- 2183.** Ferencz, A; Lorinczy, D, DSC measurements of blood plasma on patients with chronic pancreatitis and operable and inoperable pancreatic adenocarcinoma, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 127 Issue: 2 Pages: 1187-1192 DOI: 10.1007/s10973-016-5371-4, Published: FEB 2017, @2017
- 2184.** Kendrick, SK; Zheng, Q; Garbett, NC; Brock, GN, Application and interpretation of functional data analysis techniques to differential scanning calorimetry data from lupus patients PLOS ONE 2017, 12 (11) Article Number: e0186232, @2017
- 2185.** Abarova S., Koynova R., Tancheva L., Tenchov B., A novel DSC approach for evaluating protectant drugs efficacy against dementia. BBA - Molecular Basis of Disease, 2017, 1863 (11), 2934-2941, @2017
- 2186.** Farkas P., Könczöl F., Lőrinczy D., New possibilities of application of DSC as a new clinical diagnostic method. Journal of Thermal Analysis and Calorimetry, 2017, 1-11, @2017
- 2187.** Garbett N.C., Brock G.N., Chaires J.B., Mekmaysy C.S., DeLeeuw L., Sivils K.L., Harley J.B., Rovin B.H., Kulasekera K.B., Jarjour W.N., Characterization and classification of lupus patients based on plasma thermograms. PLoS One. 2017 Nov 17;12(11):e0186398, @2017
- 2188.** Kędra-Królik K., Chmielewska I., Michnik A. & Zarzycki P., Blood Serum Calorimetry Indicates the Chemotherapeutic Efficacy in Lung Cancer Treatment. Scientific Reports 7(1), 16796-16796, @2017
- 2189.** Michnik A., Sadowska-Krępa E., Domaszewski P., Duch K., Pokora I. Blood serum DSC analysis of well-trained men response to CrossFit training and green tea extract supplementation, 2017, 41, 1–10 doi:10.1007/s10973-017-6346-9, @2017
- 2190.** D. Lőrinczy, Thermal analysis in biological and medical applications. Journal of Thermal Analysis and Calorimetry, 2017, 1–18 DOI: 10.1007/s10973-017-6308-2, @2017
- 2191.** Brudar, S ; Cernigoj, U ; Podgornik, H ; Krzan, M ; Prislán, I., Use of Differential Scanning Calorimetry and Immunoaffinity Chromatography to Identify Disease Induced Changes in Human Blood Plasma Proteome ACTA CHIMICA SLOVENICA 2017, 64 (3) 564-570, @2017

- 364. Roeva O.,** Ts. Slavov. Fed-batch Cultivation Control based on Genetic Algorithm PID Controller Tuning. Lecture Notes on Computer Science, 6046, Springer, 2011, 289-296. SJR:0.308

Lumupa ce 8:

- 2192.** Hausmann R., Henkel M., Hecker F., Hitzmann B., Present Status of Automation for Industrial Bioprocesses, 2017, Current Developments in Biotechnology and Bioengineering: Bioprocesses, Bioreactors and Controls, pp.725-757., @2017

- 365. Popova, A.V.,** Hundertmark, M., Seckler, R., Hinch, D.K.. Structural transitions in the intrinsically disordered plant dehydration stress protein LEA7 upon drying are modulated by the presence of membranes. BBA-Biomembranes, 1808, 2011, 1879-1887. ISI IF:3.99

Lumupa ce 8:

- 2193.** Li N., Zhang S., Liang Y., Qi Y., Chen J., Zhu W., Zhang L., 2017, Label-free quantitative proteomic analysis of drought stress-responsive late embryogenesis abundant proteins in the seedling leaves of two wheat ( *Triticum aestivum* L.) genotypes, J. Proteomics, DOI:10.1016/j.prot.2017.09.016, @2017
- 2194.** Liu Y., Yang M., Cheng H., Sun N., Liu S., Li S., Wang Y., Zheng Y., Uversky V., 2017, The Effect of Phosphorylation on the Salt-Tolerance-Related Functions of the Soybean Protein PM18, a Member of the Group-3 LEA Protein Family, Biochim. Biophys Acta, DOI: 10.1016/j.bbapap.2017.08.020, @2017
- 2195.** Sancedo A.L., Hernandez-Dominguez E.E., de Luna-Valdez L.A., Guevara-Garcia A.A., Escobedo-Moratilla A., Bojorquez-Velazquez E., del Rio-Portilla F., Fernandez-Velasco D.A., de la Rosa A.P.B., 2017, Insights on Structure and Function of a Late Embryogenesis Abundant Protein from *Amaranthus cruentus*: An Intrinsically Disordered Protein Involved in Protection against Desiccation, Oxidant Conditions, and Osmotic Stress, Frontiers in Plant Science 8(497) April 2017, DOI: 10.3389/fpls.2017.00497, @2017

366. Slavov Ts., **Roeva O.** Genetic Algorithm Tuning of PID Controller in Smith Predictor for Glucose Concentration Control. Int. J. Bioautomation, 15, 2, 2011, ISSN:1314-2321, 101-114. SJR:0.111  
Lumupa ce s:  
 2196. Hausmann R., Henkel M., Hecker F., Hitzmann B., Present Status of Automation for Industrial Bioprocesses, 2017, Current Developments in Biotechnology and Bioengineering: Bioprocesses, Bioreactors and Controls, pp.725-757., @2017
367. **Hristova, K.**, Pecheva, E., Pramatarova, L., Altankov, G.. Improved interaction of osteoblast-like cells with apatite-nanodiamond coatings depends on fibronectin. 2011, ISSN:09574530, 1891-1900. ISI IF:2.59  
Lumupa ce s:  
 2197. Whitlow, J., Pacelli, S., Paul, A., Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions, Journal of Controlled Release, Volume 261, 10 September 2017, Pages 62-86, @2017  
 2198. Nunes-Pereira, J., Silva, A.R., Ribeiro, C., Carabineiro, S.A.C., Buijnsters, J.G., Lancers-Méndez, S., Nanodiamonds/poly(vinylidene fluoride) composites for tissue engineering applications, Composites Part B: Engineering, Volume 111, 15 February 2017, Pages 37-44, @2017
368. **Raikova , R.**, Tahtakov, K., Chakarov, V.. Technical device for prevention of spinal column disorders. Pilot EMG study for estimation of back muscle activity.. International Journal Bioautomation, 5, 2, 2011, 115-130. SJR:0.134  
Lumupa ce s:  
 2199. Torkaman O., Kamyab M., Babayi T., Ghandhari H. Effect of new kypho-remainder orthosis on curve intensity in adults with postural hyper kyphosis. Archives of Rehabilitation. 2017; 18(3):212-219. <http://dx.doi.org/10.21859/jrehab-18032>, @2017
369. Vassilev V., Djondjorov P., **Hadzhilazova M.**, **Mladenov I.** Traveling Wave Solutions of the Gardner Equation and Motion of Plane Curves Governed by the mKdV Flow. AIP Conference Proceedings, 1404, 2011, 86-93. SJR:0.16  
Lumupa ce s:  
 2200. Albalwi M., Higher-Order Modulation Theory for Resonant Flow, PhD Thesis, Fac. Eng. Inf. Sci., University of Wollongong, Australia 2017., @2017  
 2201. Fei J., Cao W., Ma Z., Applied Mathematics and Computation, 314, 2017, 293-298, <http://dx.doi.org/10.1016/j.amc.2017.07.002>, @2017  
 2202. Demiray S. and Bulut H., Kuwait J. Sci., 44 (1) pp. 1-8, 2017., @2017  
 2203. Hepson O., Korkmaz A., Dag I., arXiv:1703.00191v1, @2017
370. Angelova, A., B. Angelov, **R. Mutafchieva**, S. Lesieur, P. Couvreur. Self-Assembled multicompartiment liquid crystalline lipid carriers for protein, peptide, and nucleic acid drug delivery. Accounts of Chemical Research, 44, 2, American Chemical Society, 2011, ISSN:0001-4842, DOI:10.1021/ar100120v, 147-156. SJR:9.81, ISI IF:22.323  
Lumupa ce s:  
 2204. Ahmadi S., T. Heidelberg. Modelling and molecular dynamics simulation studies on a hexagonal glycolipid assembly. Journal of the Iranian Chemical Society, 14(1), 2017, 65-74. ISSN: 1735-207X, @2017  
 2205. Zhou, X. R., Y. Cao, Q. Zhang, X.B. Tian, H. Dong, L. Chen, S.Z. Luo. Self-assembly Nanostructure Controlled Sustained Release, Activity and Stability of Peptide Drugs. International Journal of Pharmaceutics. 528 (1–2), 2017, 723-731. ISSN: 0378-5173, @2017  
 2206. Hernandez, J. J., H. Zhang, Y. Chen, M. Rosenthal, M. D. Lingwood, M. Goswami, X. Zhu, M. Moeller, L. A. Madsen, D. A. Ivanov. Bottom-Up Fabrication of Nanostructured Bicontinuous and Hexagonal Ion-Conducting Polymer Membranes. Macromolecules (2017). ISSN 0024-9297, @2017  
 2207. Tannaz R., B. E. Kilfoyle, Z. Zhang, B. B. Michniak-Kohn. Polymeric nanospheres for topical delivery of vitamin D3. International journal of pharmaceutics 516 (10), 2017, 196-203. ISSN 0378-5173, @2017  
 2208. Blanquer, S. B., M. Werner, M. Hannula, S. Sharifi, G.P. Lajoine, D. Eglin, J. Hyttinen, A.A. Poot, D.W. Grijpma. Surface curvature in triply-periodic minimal surface architectures as a distinct design parameter in preparing advanced tissue engineering scaffolds. Biofabrication, 9(2), 2017, 025001. ISSN: 1758-5082, @2017  
 2209. Sunoqrot, S., R. Hamed, H. Abdel-Halim, O. Tarawneh. Synergistic Interplay of Medicinal Chemistry and Formulation Strategies in Nanotechnology-From Drug Discovery to Nanocarrier Design and Development. Current topics in medicinal chemistry, 17(13), 2017, 1451-1468. ISSN 1568-0266, @2017

- 2210.** Tajik-Ahmadabad, B., A. Mechler, B. W. Muir, K. McLean, T.M. Hinton, F. Separovic, A. Polyzos. A QCM-D and SAXS Study of the Interaction of Functionalised Lyotropic Liquid Crystalline Lipid Nanoparticles with siRNA. *ChemBioChem*, 18(10), 2017, 921-930. ISSN 1439-7633, @2017
- 2211.** Tran, N., N. Bye, B.A. Moffat, D.K. Wright, A. Cuddihy, T.M. Hinton, A. M. Hawley, N. P. Reynolds, L.J. Waddington, .X. Mulet, A. M. Turnley, C. Morganti-Kossmann, B. W.Muir. Dual-modality NIRF-MRI cubosomes and hexosomes: High throughput formulation and in vivo biodistribution. *Materials Science and Engineering: C*, 71, 2017, 584-593. ISSN 0928-4931, @2017
- 2212.** Liu, J., Y. Wu, Y. Yu, K. Li, Y. Ji, D. Wu. Quantitative ratiometric phosphorescence hypoxia-sensing nanoprobe based on Quantum Dots/Ir (III) glycerol monoolein cubic-phase nanoparticles. *Biosensors and Bioelectronics*. 2017. ISSN 0956-5663, @2017
- 2213.** Linkevičiūtė, A., J. Būdienė, E. Naujalis, A. Katelnikovas, J. Barauskas. Characterization and stability study of cranberry flavonoids in lipid liquid crystalline systems. *European Journal of Lipid Science and Technology*. 2017. ISSN 1438-7697, @2017
- 2214.** Zhai, J., N. Tran, S. Sarkar, C. Fong, X. Mulet, C. J. Drummond. Self-assembled Lyotropic Liquid Crystalline Phase Behavior of Monoolein-Capric Acid-Phospholipid Nanoparticulate Systems. *Langmuir*, 33(10), 2017, 2571-2580. ISSN 0743-7463, @2017
- 2215.** Pandey, P. K., K. Rawat, V. K. Aswal, J. Kohlbrecher, H. B. Bohidar. DNA ionogel: Structure and self-assembly. *Physical Chemistry Chemical Physics*, 19(1), 2017, 804-812. ISSN 1463-9076, @2017
- 2216.** Ghanbari, R., S. Assenza, A. Saha, R. Mezzenga. Diffusion of polymers through periodic networks of lipid-based nanochannels. *Langmuir*, 33(14), 2017, 3491-3498. ISSN: 0743-7463, @2017
- 2217.** Astolfi, P., E. Giorgini, V. Gambini, B., Rossi, L. Vaccari, F. Vita, ... M. Pisani. Lyotropic Liquid-Crystalline Nanosystems as Drug Delivery Agents for 5-Fluorouracil: Structure and Cytotoxicity. *Langmuir*, 33(43), 2017, 12369-12378. ISSN: 0743-7463, @2017
- 2218.** Rabanel, J. M., P. L. Latreille, A. Lalloz, P. Hildgen, X. Banquy. Nanostructured nanoparticles for improved drug delivery. In: *Nanostructures for Drug Delivery*, Elsevier, Eds. Andronescu E., A. M. Grumezescu, 2017, 149-182. ISBN: 978-0-323-46143-6, @2017
- 2219.** Ghanbari, R., S. Assenza, A. Saha, R. Mezzenga. Diffusion of polymers through periodic networks of lipid-based nanochannels. *Langmuir*, 33(14), 2017, 3491-3498. ISSN: 0743-7463, @2017
- 2220.** Muhammad, F., T. D. T. Nguyen, A. Raza, B. Akhtar, S. Aryal. A review on nanoparticle-based technologies for biodegradation. *Drug and Chemical Toxicology*, 2017. ISSN: 0148-0545, @2017
- 2221.** Ramezani, T., B. E. Kilfoyle, Z. Zhang, B. B. Michniak-Kohn. Polymeric nanospheres for topical delivery of vitamin D3. *International journal of pharmaceuticals*, 516(1), 2017, 196-203. ISSN: 0378-5173, @2017
- 2222.** Wang, L., T. Gotoh, Y. Wang, T. Kouyama, J. Y. Wang. Formation of a Mimetic Biomembrane from the Hydrophobic Protein Zein and Phospholipids: Structure and Application. *The Journal of Physical Chemistry C*, 121(36), 2017, 19999-20006. ISSN: 1932-7447, @2017
- 2223.** Liu, Q., J. Hu, M. R. Whittaker, T. P. Davis, B. J. Boyd. Nitric oxide-sensing actuators for modulating structure in lipid-based liquid crystalline drug delivery systems. *Journal of Colloid and Interface Sci.*, 508, 2017, 517-524. ISSN: 0021-9797, @2017
- 2224.** Haggag, Y. A., K. B. Matchett, D. El-Habib, P. Buchanan, M.A. Osman, S.A. Elgizawy, S. A. Elgizawy, M. El-Tanani, A. M. Faheem, P.A. McCarron. Nano-encapsulation of a novel anti-Ran-GTPase peptide for blockade of regulator of chromosome condensation 1 (RCC1) function in MDA-MB-231 breast cancer cells. *International Journal of Pharmaceutics*, 521(1), 2017, 40-53. ISSN: 0378-5173, @2017
- 2225.** Akbar, S. Phytantriol based smart nano-carriers for drug delivery applications. *European Journal of Pharmaceutical Sciences*. 101, , 2017, 31-42. ISSN: 0928-0987, @2017
- 2226.** Valente, F. Development and in vitro characterization of nanoparticles for inner ear drug delivery. PhD Thesis, University of Padua, Programme In Medical, Clinical And Experimental Sciences, Curriculum: Neuroscience. 2017., @2017
- 2227.** van't Hag, L., A. Anandan, S.A. Seabrook, S.L. Gras, C.J. Drummond, A. Vrielink, C.E. Conn. Direct demonstration of lipid phosphorylation in the lipid bilayer of the biomimetic bicontinuous cubic phase using the confined enzyme lipid A phosphoethanolamine transferase. *Soft Matter*, 13, 2017, 1493-1504 . ISSN: 1744-6848, @2017
- 2228.** Wu, D., L. Wang, W. Li, X. Xu, W. Jiang. DNA nanostructure-based drug delivery nanosystems in cancer therapy. *International journal of pharmaceuticals*. 2017. ISSN: 0378-5173, @2017
- 2229.** Jia, S., J.D. Du, A.M. Hawley, W.K. Fong, B. Graham, B.J. Boyd. Investigation of Donor Acceptor Stenhouse Adducts as New Visible Wavelength-Responsive Switching Elements for Lipid-Based Liquid Crystalline Systems. *Langmuir*, 33(9), 2017, 2215-2221. ISSN: 0743-7463, @2017
- 2230.** Wei, G., Song, X., Fu, Y., Gong, T., & Zhang, Q. (2017). Sustained-release mitochondrial protonophore reverses nonalcoholic fatty liver disease in rats. *International journal of pharmaceuticals*, 530(1-2), 230-238. ISSN: 0378-5173, @2017
- 2231.** Fong, W. K., Sánchez-Ferrer, A., Ortelli, F. G., Sun, W., Boyd, B. J., & Mezzenga, R. (2017). Dynamic formation of nanostructured particles from vesicles via invertase hydrolysis for on-demand delivery. *RSC Advances*, 7(8), 4368-4377. ISSN: 2046-2069, @2017
- 2232.** Singh, M. K., D. Pooja, H. G. Ravuri, A. Gunukula, H. Kulhari, R. Sistla. Fabrication of surfactant-stabilized nanosuspension of naringenin to surpass its poor physicochemical properties and low oral bioavailability. *Phytomedicine*.

2017. ISSN: 0944-7113, @2017

2233. Chandra, F., S. Mallick, A.L. Koner. Spectroscopic Investigation of Bio-mimetic Solvolysis of 6-(N, N-dimethylamino)-2, 3-naphthalic Anhydride in Confined Nanocavities. *Physical Chemistry Chemical Physics* 19, 2017, 4337-4344. ISSN: 1463-9076, @2017
2234. Kang, J. H., G. Battogtokh, Y. T. Ko. Self-Assembling Lipid–Peptide Hybrid Nanoparticles of Phospholipid–Nonaarginine Conjugates for Enhanced Delivery of Nucleic Acid Therapeutics. *Biomacromolecules*, 18(11), 2017, 3733-3741. ISSN: 1525-7797, @2017
2235. Roy, B., P. Hazra. Dynamics of different steps of the photopyrolytic cycle of an eminent anticancer drug topotecan inside biocompatible lyotropic liquid crystalline systems. *RSC Advances*, 7(1), 2017, 379-388 . ISSN: 2046-2069, @2017
2236. Rodríguez, M., J. R. M. Molecular Self-Assembly for the preparation of novel nanostructured materials. PhD Thesis, Universitat de Barcelona, Facultat De Farmàcia I Ciències De L'alimentació. 2017., @2017
2237. Boge, L. (2017). Lipid-based liquid crystals as drug delivery vehicles for antimicrobial peptides. Thesis for the Degree of Licentiate of Engineering, Chalmers University of Technology, Department of Chemistry and Chemical Engineering, Gothenburg, Sweden, 2017., @2017
2238. Antoniuk, I., B. Plazzotta, V. Wintgens, G. Volet, T.T. Nielsen, J.S. Pedersen, C. Amiel. Host-guest interaction and structural ordering in polymeric nanoassemblies: Influence of molecular design. *International Journal of Pharmaceutics*, 2017. ISSN: 0378-5173, @2017
2239. Linkevičiūtė, A., J. Būdienė, E. Naujalis, A. Katelnikovas, J. Barauskas. Characterisation and stability study of cranberry flavonoids in lipid liquid crystalline systems. *European Journal of Lipid Science and Technology*, 2017, DOI: 10.1002/ejlt.201600373. Online ISSN: 1438-9312. Print ISSN: 1438-7697, @2017

371. **Todorova, R.** Comparative analysis of the methods of drug and protein delivery for the treatment of cancer, genetic diseases and diagnostics.. *Drug Delivery*, 18, 8, Taylor & Francis Informa UK Limited, an Informa Group Company, 2011, ISSN:1071-7544 (Print), 1521-0464 (Online), DOI:DOI: 10.3109/10717544.2011.600783, 586-598. SJR:0.6, ISI IF:2.558

Lumupa ce e:

2240. M Chiper, K Niederreither, G Zuber. Transduction Methods for Cytosolic Delivery of Proteins and Bioconjugates into Living Cells. *Advanced Healthcare Materials*. 2017. First published: 5 December 2017. DOI: 10.1002/adhm.201701040, @2017
2241. Inaba, Yuki; Watanabe, Kazunori; Kitamatsu, Mizuki; Eiji Nakata, Atsushi Harada, Takashi Ohtsuki. "Ultrasound-dependent cytoplasmic internalization of a peptidesonosensitizer conjugate". *BIOORGANIC & MEDICINAL CHEMISTRY* Volume: 25 Issue: 15 Pages: 4212-4217 Published: AUG 1 2017, @2017

372. Arregi, I., Falces, J., Banuelos, S., Urbaneja, M.A., **Taneva, S.G.**. The nuclear transport machinery recognizes nucleoplasmin - Histone complexes. *Biochemistry*, 50, 33, American Chemical Society, 2011, ISSN:Web Edition ISSN: 1520-4995, DOI:10.1021/bi2008867, 7104-7110. ISI IF:3.422

Lumupa ce e:

2242. Ruan, LH; Zhou, CK; Jin, EL; Kucharavy, A; Zhang, Y; Wen, ZH; Florens, L; Li, R., Cytosolic proteostasis through importing of misfolded proteins into mitochondria *NATURE* 2017, 543 (7645) 443-446, @2017

373. Angelov, B., A. Angelova, **R. Mutafchieva**, S. Lesieur, U. Vainio, V. M. Garamus, G. V. Jensen, J. S. Pedersen. SAXS investigation of a cubic to a sponge (L3) phase transition in self-assembled lipid nanocarriers. *Physical Chemistry Chemical Physics*, 13, 8, Royal Society of Chemistry Publishing, 2011, ISSN:1463-9076, DOI:10.1039/C0CP01029D, 3073-3081. SJR:1.61, ISI IF:4.493

Lumupa ce e:

2243. Andrzejewska, W., M. Wilkowska, M. Chrabąszczewska, M. Kozak. The study of complexation between dicationic surfactants and the DNA duplex using structural and spectroscopic methods. *RSC Advances*, 7(42), 2017, 26006-26018. ISSN: 2046-2069, @2017
2244. Lorson, Thomas, S. Jaksch, M. M. Lübtow, T. Jüngst, J. Groll, T. Lühmann, R. Luxenhofer. A Thermogelling Supramolecular Hydrogel with Sponge-Like Morphology as a Cytocompatible Bioink. *Biomacromolecules* (2017). ISSN 1525-7797, @2017
2245. Salentinig, S., H. Amenitsch, A.Yaghmur. In Situ Monitoring of Nanostructure Formation during the Digestion of Mayonnaise. *ACS Omega*, 2(4), 2017, 1441-1446. ISSN: 2470-1343, @2017
2246. van't Hag, L., S. L. Gras, C. E. Conn, C. J. Drummond. Lyotropic liquid crystal engineering moving beyond binary compositional space–ordered nanostructured amphiphile self-assembly materials by design. *Chemical Society Reviews*, 46(10), 2017, 2705-2731 ISSN 0306-0012, @2017

- 2247.** Burrell, J., M. K. Dymond, R. J. Gillams, D. J. Parker, G. J. Langley, A. Labrador, ... G. S. Attard. Using curvature power to map the domain of inverse micellar cubic phases: the case of aliphatic aldehydes in 1, 2-dioleoyl-sn-glycero-3-phosphoethanolamine. *Langmuir*, 33(44), 2017, 12804-12813. ISSN: 0743-7463, @2017
- 2248.** Khaliqi, K., A. Ghazal, I. D. M. Azmi, H. Amenitsch, K. Mortensen, S. Salentinig, A. Yagmur. Direct monitoring of lipid transfer on exposure of citrem nanoparticles to an ethanol solution containing soybean phospholipids by combining synchrotron SAXS with microfluidics. *Analyst*, 142(17), 2017, 3118-3126. ISSN: 0003-2654, @2017
- 2249.** Liu, C. Y., H. L. Chen. Undulating the Lamellar Interface of Polymer–Surfactant Complex by Dendrimer. *Macromolecules*, 50(17), 2017, 6501-6508. ISSN: 0024-9297, @2017
- 2250.** Meli, V., C. Caltagirone, C. Sinico, F. Lai, A.M. Falchi, M. Monduzzi, M. Obiols-Rabasa, G. Picci, A. Rosa, J. Schmidt, Y. Talmon. Theranostic Hexosomes for Cancer Treatments: An in-vitro Study. *New Journal of Chemistry*, 41, 2017, 1558-1565. ISSN: 1144-0546, @2017
- 2251.** Zhai, J., N. Tran, S. Sarkar, C. Fong, X. Mulet, C.J. Drummond. Self-assembled lyotropic liquid crystalline phase behaviour of monoolein-capric acid-phospholipid nanoparticulate systems. *Langmuir*, 33 (10), 2017, 2571–2580. ISSN: 0743-7463, @2017
- 2252.** Cherny, A. Y., E. M. Anitas, V. A. Osipov, A. I. Kuklin. Small-angle scattering from the Cantor surface fractal on the plane and the Koch snowflake. *Physical Chemistry Chemical Physics, Phys. Chem. Chem. Phys.*, 19, 2017, 2261-2268. ISSN: 1463-9076, @2017
- 374. Mladenov I., Hadzhilazova M.,** Djondjorov P., Vassilev V.. On Some Deformations of the Cassinian Oval. *AIP Conf. Proc.*, 1340, 2011, DOI:10.1063/1.3567127, 81-89  
*Лумупа се е:*
- 2253.** Castro I., Castro-Infantes I. and Castro-Infantes J., *Mediterr. J. Math.* (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017
- 375. Atanassov K., Atanassova, V.,** Chountas, P., Shannon, A.. Generalized Nets with Places, Having Intuitionistic Fuzzy Capacities. *Notes on Intuitionistic Fuzzy Sets*, 17, 4, 2011, 21-28  
*Лумупа се е:*
- 2254.** Ваня Красимирова Георгиева, „Обобщеномрежово моделиране на процеси и пречистване на води“, Дисертационен труд за присъждане на ОНС доктор по информатика, Институт по биофизика и биомедицинско инженерство, БАН, 2017, @2017
- 376. Kosev K., Roeva O..** Generalized Net Model of E. coli Glycolysis Control. *Annual of “Informatics” Section of Union of Scientists in Bulgaria*, 4, 2011, 53-61  
*Лумупа се е:*
- 2255.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
- 377. Kosev K., Roeva O., Atanassov K..** Generalized Net Model of Cytokinin-Auxin Signalling Interactions. *Recent Advances in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics, Volume II: Applications*, IBS PAN SRI PAS, (Systems Research Institute, Polish Academy of Sciences), Warsaw, 2011, 93-100  
*Лумупа се е:*
- 2256.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
- 378. Mladenov I., Hadzhilazova M.,** Djondjorov P., Vassilev V.. On the Generalized Sturmian Spirals. *C. R. Acad. Bulgare Sci.*, 64, 2011, 633-640. ISI IF:0.28  
*Лумупа се е:*
- 2257.** Castro I., Castro-Infantes I. and Castro-Infantes J., *Mediterr. J. Math.* (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017
- 379. Christov I, Bortolan G, Simova I, Katova T.** Influence of diabetes mellitus on T wave and QRS complex alternans during stress ECG testing. *Computing in Cardiology*, 38, 2011, 49-52. SJR:0.63  
*Лумупа се е:*

2258. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

380. **Vladkova, R., Dobrikova, A.G.,** Singh, R., Misra, A.N., **Apostolova, E.** Photoelectron transport ability of chloroplast thylakoid membranes treated with NO donor SNP: Changes in flash oxygen evolution and chlorophyll fluorescence.. Nitric Oxide, 24, 2, Elsevier, 2011, DOI:10.1016/j.niox.2010.12.003, 84-90. ISI IF:3.521

Lumupa ce e:

2259. Amooaghaie R, Roohollahi SH (2017) Effect of sodium nitroprusside on responses of Melissa officinalis to bicarbonate exposure and direct Fe deficiency stress, Photosynthetica, 55 (1) 153-163, doi: 10.1007/s11099-016-0240-8, @2017

2260. Ranjbar A (2017) Comparative Study on the Effect of Water Stress and Rootstock on Photosynthetic Function in Pistachio (Pistacia vera L.) Trees. Journal of Nuts 8(2):151-159., @2017

2261. Huang W, Shao H, Zhou S, Zhou Q, Li W, Xing W (2017) Modulation of cadmium-induced phytotoxicity in Cabomba caroliniana by urea involves photosynthetic metabolism and antioxidant status. Ecotoxicology and Environmental Safety 144: 88–96., @2017

2262. Per TS (2017) Developing Methods for Reducing Adverse Effects of Cadmium Toxicity in Mustard: The Importance of Sulphur and Phytohormones, Dissertation, Department of Botany, Aligarh Muslim University, India, @2017

2263. Wang T, Yang W, Xie Y, Shi D, Ma Y, Sun X (2017) Effects of exogenous nitric oxide on the photosynthetic characteristics of bamboo (Indocalamus barbatus McClure) seedlings under acid rain stress, Plant Growth Regul, 82 (1), 69–78. doi:10.1007/s10725-016-0239-y, @2017

2264. Ranjbar A., Zandi Esfahan E. (2017) Effects of atmospheric dust deposition on leaf chlorophyll fluorescence parameters of cow-tail shrubs (Smirnovia iranica) in the desert regions of Kashan, Iran. Environmental Resources Research, 5 (2): 135-142., @2017

381. Landeta, O., Landajuela, A., Gil, D., **Taneva, S.**, DiPrimo, C., Sot, B., Valle, M., Frolov, V.A., Basañez, G.. Reconstitution of proapoptotic BAK function in liposomes reveals a dual role for mitochondrial lipids in the BAK-driven membrane permeabilization process. Journal of Biological Chemistry, 286, 10, 2011, DOI:10.1074/jbc.M110.165852, 8213-8230. ISI IF:4.773

Lumupa ce e:

2265. Application of cryo-electron microscopy for investigation of Bax-induced pores in apoptosis Kuwana, T NANOTECHNOLOGY REVIEWS 2017, 6 (1) 47-55, @2017

2266. Tatiana K. Rostovtseva, David P. Hoogerheide, Amandine Rovini, Sergey M. Bezrukov Lipids in Regulation of the Mitochondrial Outer Membrane Permeability, Bioenergetics, and Metabolism Chapter In book: Molecular Basis for Mitochondrial Signaling, 2017, 185-215, @2017

2267. Uwe Schlattner, Richard Eppard, Marie-Lise Lacombe, Malgorzata Tokarska-Schlattner, Mathieu Boissan, Valerian E Kagan NME4/nucleoside diphosphate kinase D in cardiolipin signaling and mitophagy Laboratory investigation 20017 (1-5), @2017

2268. Apoptotic foci at mitochondria: in and around Bax pores Ugarte-Urbe, B ; Garcia-Saez, AJ PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES 2017, 372 (1726) Article Number: 20160217, @2017

2269. Pore formation by dimeric Bak and Bax: an unusual pore? By:Uren, RT; Iyer, S; Kluck, RM PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES 2017, 372 (1726) Article Number: 20160218, @2017

2270. Cosentino, K; Garcia-Saez, AJ Bax and Bak Pores: Are We Closing the Circle? TRENDS IN CELL BIOLOGY 2017, 27 (4) 266-275, @2017

2271. Fernandez-Marrero, Y ; Bleicken, S ; Das, KK; Bachmann, D; Kaufmann, T; Garcia-Saez, AJ The membrane activity of BOK involves formation of large, stable toroidal pores and is promoted by cBID FEBS JOURNAL 2017, 284 (5) 711-724, @2017

382. **Atanassova, V.,** Fidanova, S., Popchev, I., Chountas, P.. Generalized nets, ACO-algorithms and genetic algorithm. Monte Carlo Methods and Applications: Proceedings of the 8th IMACS Seminar on Monte Carlo Methods, August 29–September 2, 2011, Borovets, Bulgaria, Walter de Gruyter, 2011, 39-46

Lumupa ce e:

2272. Jayanth, J., Shalini, V. S., Kumar, T. A., & Koliwad, S. (2017). Classification of remote sensed data using hybrid method based on ant colony optimization with electromagnetic metaheuristic. CURRENT SCIENCE, 113(2), 284. <http://www.currentscience.ac.in/Volumes/113/02/0284.pdf>, @2017

2273. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

383. Dankov, K.G., **Dobrikova, A.G.**, Ughy, B., Bogos, B., Gombos, Z., **Apostolova, E.L.**. LHCII organization and thylakoid lipids affect the sensitivity of the photosynthetic apparatus to high-light treatment. Plant Physiol. Biochem., 49, 6, Elsevier, 2011, DOI:DOI: 10.1016/j.plaphy.2011.02.019, 629-635. SJR:0.903, ISI IF:2.756

Lumupa ce e:

2274. Seiwert D., Witt H., Janshoff A., Paulsen H. (2017) The non-bilayer lipid MGDG stabilizes the major lightharvesting complex (LHCII) against unfolding, Science Report, 7, Article 5158, 1-10. DOI:10.1038/s41598-017-05328-7, @2017

384. Velikova, V., Várkonyi, Z., Szabó, M., **Maslenkova, L.**, Noguez, I., Kovács, L., Peeva, V., Busheva, M., Garab, G., Sharkey, T.D., Loreto, F.. Increased thermostability of thylakoid membranes in isoprene-emitting leaves probed with three biophysical techniques. Plant Physiology, 157, 2, American Society of Plant Biologists, 2011, DOI:http://dx.doi.org/10.1104/pp.111.182519, 905-916. ISI IF:6.535

Lumupa ce e:

2275. O'sullivan, Odhran S., et al. "Thermal limits of leaf metabolism across biomes." Global change biology 23.1 (2017): 209-223., @2017

2276. Sharkey, Thomas D., and Russell K. Monson. "Isoprene research–60 years later, the biology is still enigmatic." Plant, Cell & Environment (2017)., @2017

2277. Ahrar, Mastaneh, et al. "Phenotypic differences determine drought stress responses in ecotypes of Arundo donax adapted to different environments." Journal of Experimental Botany 68.9 (2017): 2439-2451., @2017

2278. Marino, Giovanni, et al. "Dissecting the role of isoprene and stress-related hormones (ABA and ethylene) in Populus nigra exposed to unequal root zone water stress." Tree physiology (2017): 1-11., @2017

2279. Haworth, Matthew, et al. "Physiological responses of Arundo donax ecotypes to drought: a common garden study." Gcb Bioenergy 9.1 (2017): 132-143., @2017

2280. Fini, Alessio, et al. "Isoprene Responses and Functions in Plants Challenged by Environmental Pressures Associated to Climate Change." Frontiers in plant science 8 (2017): 1281., @2017

2281. Dani, KG Srikanta, et al. "De novo post-illumination monoterpene burst in Quercus ilex (holm oak)." Planta 245.2 (2017): 459-465., @2017

2282. Haworth, Matthew, et al. "Moderate drought stress induces increased foliar dimethylsulphoniopropionate (DMSP) concentration and isoprene emission in two contrasting ecotypes of Arundo donax." Frontiers in plant science 8 (2017): 1016., @2017

2283. Murphy, Gordon P. Isoprene Degradation in the Terrestrial Environment. Diss. University of Essex, 2017., @2017

2284. Li, Mingai, et al. "In Planta Recapitulation of Isoprene Synthases Evolution from Ocimene Synthases." Molecular Biology and Evolution (2017)., @2017

2285. Saunier, Amélie, et al. "Effect of mid-term drought on Quercus pubescens BVOCs' emission seasonality and their dependency on light and/or temperature." Atmospheric Chemistry and Physics 17.12 (2017): 7555-7566., @2017

2286. Bamberger, Ines, et al. "Isoprene emission and photosynthesis during heatwaves and drought in black locust." Biogeosciences 14.15 (2017): 3649., @2017

2287. Zuo, Zhaojiang, et al. "Monoterpene emissions contribute to thermotolerance in Cinnamomum camphora." Trees 31.6 (2017): 1759-1771., @2017

2288. 左照江. "藻类挥发性有机化合物研究进展." (2017)., @2017

385. **Krasteva V, Jekova I**, Didon JP. An audiovisual feedback device for compression depth, rate and complete chest recoil can improve the CPR performance of lay persons during self-training on a manikin. Physiological Measurement, 32, 6, 2011, 687-699. ISI IF:1.808

Lumupa ce e:

2289. Abelairas-Gómez C, Gili-Roig C, López-García S, Palacios-Aguilar J, Romo-Pérez V, Barcala-Furelos R, (2017), Benefits of visual feedback on cardiopulmonary resuscitation training: a non-randomised manikin study with bystanders, Hong Kong Journal of Emergency Medicine, Vol. 24(3), pp. 115-122, ISSN: 2309-5407; N18., @2017

2290. Pichel López M et al., (2017), Un primer paso en la enseñanza del soporte vital básico en las escuelas: la formación de los profesores. (A first step to teaching basic life support in schools: Training the teachers), An Pediatr (Barc). https://doi.org/10.1016/j.anpedi.2017.11.002, ISSN:1695-403; N26., @2017

2291. Tobase L, Peres HHC, Tomazini EAS, Teodoro SV, Ramos MB, Polastri TF, (2017), Basic life support: evaluation of learning using simulation and immediate feedback devices, Rev. Latino-Am. Enfermagem, 2017;25:e2942,

2292. Tanaka S, Rodrigues W, Sotir S, Sagisaka R, Tanaka H, (2017), CPR performance in the presence of audiovisual feedback or football shoulder pads, *BMJ Open Sport & Exercise Medicine*, Vol. 3(1), e000208, doi:10.1136/bmjsem-2016-000208, ISSN: 2055-7647, <http://bmjopensem.bmj.com/content/bmjosem/3/1/e000208.full.pdf> ; N19., @2017
2293. Ahn C, Lee J, Oh J, Song Y, Chee Y, Lim TH, Kang H, Shin H, (2017), Effectiveness of feedback with a smartwatch for high-quality chest compressions during adult cardiac arrest: A randomized controlled simulation study, *PLOS One*, 12(4): e0169046, doi: 10.1371/journal.pone.0169046, ISSN: 1932-6203; N17., @2017
2294. Wutzler A, von Ulmenstein S, Bannehr M, Völk K, Förster J, Storm C, Haverkamp W, (2017), Improvement of lay rescuer chest compressions with a novel audiovisual feedback device: A randomized trial, *Medizinische Klinik - Intensivmedizin und Notfallmedizin*, 2017, pp 1–7, <https://doi.org/10.1007/s00063-017-0278-9>, ISSN: 2193-6218, <https://link.springer.com/article/10.1007/s00063-017-0278-9> ; N15., @2017
2295. Leary M, Buckler DG, Ikeda DJ, Saraiva DA, Berg RA, Nadkarni VM, Blewer AL, Abella BS, (2017), The association of layperson characteristics with the quality of simulated cardiopulmonary resuscitation performance, *World J Emerg Med*, vol. 8(1), pp.12-18, DOI: 10.5847/wjem.j.1920–8642.2017.01.002, ISSN: 1920-8642; N24., @2017
2296. Baldi E, Cornara S, Contri E, Epis F, Fina D, Zelaschi B et al. (2017), Real-time visual feedback during training improves laypersons' CPR quality: a randomized controlled manikin study, *Canadian Journal of Emergency Medicine*, vol.19(6), pp.480-487, DOI: <https://doi.org/10.1017/cem.2016.410>, ISSN: 1481-8035; N29., @2017
386. Pick, A., Müller, H., Mayer, R., Haenisch, B., Pajeva, I., Weight, M., Bönisch, H., Müller, C.E., Wiese, M.. Structure-Activity Relationships of Flavonoids as Inhibitors of Breast Cancer Resistance Protein (BCRP). *Bioorg. Med. Chem.*, 19, 6, 2011, 2090-2102. ISI IF:2.921

Lumupa ce s:

2297. Alicia B. Pomilio, Andrew G. Mercader, Chapter 9 - Natural Acylated Anthocyanins and Other Related Flavonoids: Structure Elucidation of Ipomoea cairica Compounds and QSAR Studies Including Multidrug Resistance, Editor(s): Atta-ur-Rahman, In *Studies in Natural Products Chemistry*, Elsevier, Volume 55, 2017, Pages 293-322, ISSN 1572-5995, ISBN 9780444640680, @2017
2298. Zhe Wang, Xiangping Deng, Shujuan Xiong, Runde Xiong, Juan Liu, Liu Zou, Xiaoyong Lei, Xuan Cao, Zhizhong Xie, Yanming Chen, Yunmei Liu, Xing Zheng & Guotao Tang. Design, synthesis and biological evaluation of chrysin benzimidazole derivatives as potential anticancer agents. *Natural Product Research*, Pages 1-10, Published online: 24 Oct 2017, @2017
2299. Simon L. In Vitro cytotoxicity and antioxidant evaluation of 7-amino-2-styrylchromone derivatives. *Asian Journal of Pharmaceutical and Clinical Research*, 2017, 10(11), pp. 152-156, @2017
2300. El-Sherief, HA; Abuo-Rahma, GEA; Shoman, ME; Beshr, EA; Abdel-baky, RM. Design and synthesis of new coumarin-chalcone/NO hybrids of potential biological activity. *MEDICINAL CHEMISTRY RESEARCH*, 26 (12):3077-3090; 10.1007/s00044-017-2004-9 DEC 2017, @2017
2301. Naik, KK; Thangavel, S; Alam, A; Kumar, S. Flavone analogues as antimicrobial agents. *RECENT PATENTS ON INFLAMMATION & ALLERGY DRUG DISCOVERY*, 11 (1):53-63; 10.2174/1872213X11666170119094702 2017, @2017
2302. Shi, L; Zhang, YH; Wang, CF; Liu, HR; Wang, QA. Synthesis and Acetylcholinesterase Inhibitory Activity of Polymethoxyflavone Mannich Base Derivatives. *CHEMICAL RESEARCH IN CHINESE UNIVERSITIES*, 33 (4):594-597; 10.1007/s40242-017-6462-x AUG 2017, @2017
2303. Silva, Paulo Henrique da. "Estudos da interação da proteína adaptadora Grb2 (Growth Factor Receptor-Bound Protein 2) com os flavonoides morina e rutina." Thesis, Universidade Estadual Paulista "Júlio de Mesquita Filho", Brazil, (2017), @2017
2304. Dongare, P. 3D QSAR STUDIES OF FLAVONOID ANALOGUES FOR VASCULAR RELAXANT ACTIVITY IN CORONARY HEART DISEASES. *PHARMACOPHORE*, 8 (1):11-18; JAN 2017, @2017
2305. Tangeti V.S., Vasundhara D., Satyanarayana K.V.V.V., Pavan Kumar K.S. Synthesis and antiproliferative activity of some dihydro-1 H-furo[2, 3-c]pyrazole-Flavone hybrids. *Asian Journal of Chemistry*, 29 (7) pp. 1525-1532, 2017, @2017
2306. Xiao, JB. Dietary flavonoid aglycones and their glycosides: Which show better biological significance? *CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION*, 57 (9):1874-1905; 10.1080/10408398.2015.1032400 2017, @2017
2307. Huang, JT; Cheng, YY; Lin, LC; Tsai, TH. Structural Pharmacokinetics of Polymethoxylated Flavones in Rat Plasma Using HPLC-MS/MS. *JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY*, 65 (11):2406-2413; 10.1021/acs.jafc.6b05390 MAR 22 2017, @2017
2308. Dash, AK; Madhubabu, T; Yousuf, SK; Raina, S; Mukherjee, D. One-pot Mukaiyama type carbon-Ferrier rearrangement of glycols: Application in the synthesis of chromanone 3-C-glycosides. *CARBOHYDRATE RESEARCH*, 438 1-8; 10.1016/j.carres.2016.11.018 JAN 13 2017, @2017
2309. Sjøstedt, N; Holvikari, K; Tammela, P; Kidron, H. Inhibition of Breast Cancer Resistance Protein and Multidrug Resistance Associated Protein 2 by Natural Compounds and Their Derivatives. *MOLECULAR PHARMACEUTICS*, 14 (1):135-146; 10.1021/acs.molpharmaceut.6b00754 JAN 2017, @2017

2310. Machado, NFL; Dominguez-Perles, R. Addressing Facts and Gaps in the Phenolics Chemistry of Winery By-Products. *MOLECULES*, 22 (2):10.3390/molecules22020286 FEB 2017, @2017
2311. Kaur, M; Badhan, RKS. Phytochemical mediated-modulation of the expression and transporter function of breast cancer resistance protein at the blood-brain barrier: An in-vitro study, *BRAIN RESEARCH*, 1654 9-23; 10.1016/j.brainres.2016.10.020 A JAN 1 2017, @2017
2312. Pena-Solorzano, D; Stark, SA; Konig, B; Sierra, C; Ochoa-Puentes, C ABCG2/BCRP: Specific and Nonspecific Modulators. *MEDICINAL RESEARCH REVIEWS*, 37 (5):987-1050; 10.1002/med.21428 SEP 2017, @2017
2313. Li, Y; Revalde, J; Paxton, JW. The effects of dietary and herbal phytochemicals on drug transporters, *ADVANCED DRUG DELIVERY REVIEWS*, 116 45-62; 10.1016/j.addr.2016.09.004 JUL 1 2017, @2017
387. **Nikolova, B., Tsoneva, I., Peycheva, E.** Treatment of Melanoma by electroporation of bacillus Calmette-Guerin .. *Biotechnol. & Biotechnol. Eq.*, 25, 3, 2011, 2522-2524. ISI IF:0.503  
Lumupa ce e:
2314. Davalos, RV Irreversible electroporation to create tissue scaffolds- US Patent 9, 598, 691, - Google Patents, 2017, @2017
388. Didon JP, **Krasteva V**, Ménétré S, **Stoyanov T**, **Jekova I**. Shock advisory system with minimal delay triggering after end of chest compressions: Accuracy and gained hands-off time. *Resuscitation*, 82, Suppl.2, Elsevier, 2011, ISSN:0300-9572, S8-S15. SJR:1.769, ISI IF:4.167  
Lumupa ce e:
2315. Savastano S, Vanni V, Burkart R et al., (2017), Comparative performance assessment of commercially available automatic external defibrillators: A simulation and real-life measurement study of hands-off time, *Resuscitation*, Vol. 110, pp. 12–17, doi: <http://dx.doi.org/10.1016/j.resuscitation.2016.10.006>, ISSN: 0300-9572; N15., @2017
2316. Rad AB, Eftestol T, Engan K, Irusta U, Kvaloy JT, Kramer-Johansen J, Wik L, Katsaggelos AK, (2017), ECG-Based Classification of Resuscitation Cardiac Rhythms for Retrospective Data Analysis, *IEEE Trans Biomed Eng.*, 64(10):2411-2418, doi: 10.1109/TBME.2017.2688380, <http://ieeexplore.ieee.org/document/7890478/>; N11., @2017
2317. Gong Y, Gao P, Wei L, Dai C, Zhang L, Li Y, (2017), An enhanced adaptive filtering method for suppressing cardiopulmonary resuscitation artifact, *IEEE Transactions on Biomedical Engineering*, vol. 66(2), pp. 471-478, doi: 10.1109/TBME.2016.2564642, ISSN: 0018-9294; N15., @2017
389. Andreeva, A, Apostolova. I, **Velitchkova, M**. Temperature dependence of resonance Raman spectra of carotenoids. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 78, 4, 2011, ISSN:1386-1425, DOI:doi:10.1016/j.saa.2010.12.071, 1261-1265. ISI IF:2.353  
Lumupa ce e:
2318. Manuel J. Llansola-Portoles, Radek Litvin, Cristian Illoaia, Andrew A. Pascal, David Bina, Bruno Robert . Pigment structure in the violaxanthin–chlorophyll-a-binding protein VCP *Photosynth Res* (2017) 134, 51-58. doi:10.1007/s11120-017-0407-6, @2017
2319. George R. De Maré, Niny Z. Rao, Charles W. Bock (2017) The structure and C C vibrational frequencies of the all-transpolyenes C<sub>2</sub>nH<sub>2</sub>n+2(n = 2–15), C<sub>2</sub>nH<sub>2</sub>n(Me)<sub>2</sub>(n = 2–13), and C<sub>2</sub>nH<sub>2</sub>n(tert-Butyl)<sub>2</sub>(n = 2–5): Computational results. *Chemical Data Collections*, 11-12, 25-35, @2017
2320. Manuel J. Llansola-Portoles, Andrew A. Pascal, Bruno Robert (2017) Electronic and vibrational properties of carotenoids: from in vitro to in vivo. *J. R. Soc. Interface* 14 (135): 20170504. <http://dx.doi.org/10.1098/rsif.2017.0504>, @2017
2321. Manuel J. Llansola-Portoles, Roman Sobotka, Elizabeth Kish, Mahendra Kumar Shukla, Andrew A. Pascal, Tomáš Polívka and Bruno Robert (2017) Twisting a β-carotene, an Adaptive Trick from Nature for Dissipating Energy During Photoprotection. *J. Biol. Chem.* 292, 1396-1403. .doi: 10.1074/jbc.M116.753723/jbc.M116.753723, @2017
390. Laczko-Dobos, H., **Todinova, S.J.**, Sözer, Ö., Komenda, J., Kis, M., Sallai, A., **Dobrikova, A.G.**, Ughy, B., Debreczeny, M., Gombos, Z., **Apostolova, E.L.**, Domonkos, I.. Identification of thylakoid membrane thermal transitions in *Synechocystis* sp. PCC6803 photosynthetic mutants. *Photosynth. Res.*, 107, 3, Springer, 2011, 237-246. SJR:1.01, ISI IF:3.502  
Lumupa ce e:
2322. Matsuda H., Ooi S., R. Otokozaawa, K. Kumazaki, E. Udagawa, M. Asakura, D. Suzuki, T. Shirai. Intake of green-plant membrane with dietary oil suppresses postprandial hypertriglyceridemia in rats via promoting excretion of bile acids. *Bioscience, Biotechnology and Biochemistry*, Dec 2017. doi:10.1080/09168451.2017.1409070, @2017

391. Djondjorov P., Vassilev V., **Mladenov I.** Analytic Description and Explicit Parametrisation of the Equilibrium Shapes of Elastic Rings and Tubes Under Uniform Hydrostatic Pressure. Int. J. Mech. Sci, 53, 2011, 355-364. ISI IF:2.03

Lumupa ce e:

2323. Cui, Wenwen. "Ab Initio Investigation of Structural and Electronic Properties on 1D and 2D Nanomaterials", PhD Thesis, Université de Lyon, 2017. English., @2017

2324. R.S. Alencar, Cui W., Torres-Dias A.C., Cerqueira T.F.T., Botti S., Marques M.A.L., Ferreira O.P., Laurent C., Weibel A., Machon D., Dunstan D.J., Filho A.G.S., San-Miguel A., Pressure-induced radial collapse in few-wall carbon nanotubes: A combined theoretical and experimental study, Carbon (2017), doi: 10.1016/j.carbon.2017.09.044., @2017

---

## 2012

---

392. **Pehlivanova V., Tsoneva I., Tzoneva R.** Multiple effects of electroporation on the adhesive behavior of breast cancer cells and fibroblasts. Cancer Cell International, 2012, ISI IF:1.97

Lumupa ce e:

2325. DM Cvetković, MN Živanović, MG Milutinović, Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines, Bioelectrochemistry, 113, 85-94, 2017, @2017

2326. Lakshya Mittal, Vishak Raman, Ignacio G. Camarillo and Raji Sundararajan, "Electrical Pulse-Mediated Veliparib for Effective Treatment of Triple Negative Breast Cancer: An in vitro Model Study", Int.J.Curr.Res.Aca.Rev.2017; 5(3): 53-64, @2017

2327. L. Mittal, V. Raman, I. G. Camarillo, R. Sundararajan. "Electrical Pulse-Mediated Veliparib for Effective Treatment of Triple Negative Breast Cancer: An in vitro Model Study". Int.J.Curr.Res.Aca.Rev., 2017; 5(3): 53-64, @2017

2328. M Čemažar, "Effects of Electroporation of Mammalian Cells on Cytoskeleton and Intercellular Connections" Handbook of Electroporation, 2017 - Springer, @2017

2329. M Mao, L Wang, CC Chang, KE Rothenberg, J Huang, "Involvement of a Rac1-dependent macropinocytosis pathway in plasmid DNA delivery by electrotransfection" - Molecular Therapy, 2017 - Elsevier, @2017

2330. MA Esmekaya, H Kayhan, M Yagci, A Coskun... "Effects of Electroporation on Tamoxifen Delivery in Estrogen Receptor Positive (ER+) Human Breast Carcinoma Cells" Cell Biochemistry and Biophysics, Springer, March 2017, Volume 75, Issue 1, pp 103–109 |, @2017

393. **Roeva O.** A Hybrid Genetic Algorithm for Parameter Identification of Bioprocess Models. Lecture Notes on Computer Science, 7116, Springer, 2012, ISSN:0302-9743, 247-255. SJR:0.34

Lumupa ce e:

2331. Sayed Ahmed Imran Bellary, Abdus Samad, An alternative approach to surrogate averaging for a centrifugal impeller shape optimization, International Journal of Computer Aided Engineering and Technology, Volume 9, Issue 1, DOI: 10.1504/IJCAET.2017.080769, 2017, @2017

394. Kosev K., **Roeva O.** Generalized Net Model of the lac Operon in Bacterium E. coli. Proc. of the IEEE 6th Int. Conf. IS 2012, 2, 2012, 237-241

Lumupa ce e:

2332. Vania Georgieva, Generalized Net Model of Mechanical Wastewater Pre-treatment, Int J Bioautomation, 2017, 21(1), 133-144, @2017

2333. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

395. Dimitrov D., **Roeva O.** Comparison of Different Mathematical Models of an E. coli Fed-batch Cultivation Process Using Generalized Net Model. Proceedings of the 13th International Workshop on Generalized Nets, 2012, 15-23

Lumupa ce e:

2334. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

2335. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

396. **Roeva, O.** Optimization of E. coli Cultivation Model Parameters using Firefly Algorithm. International Journal of Bioautomation, 16, BAS, 2012, ISSN:1314-2321, 23-32. SJR:0.228

[Lumupa ce e:](#)

2336. Latha K., Experiment and Evaluation in Information Retrieval Models, CRC Press, Jul 28, 2017., @2017

397. **Roeva O.**, Slavov Ts.. PID Controller Tuning of Glucose Control using Generalized Nets. New Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics, Volume II: Applications, IBS PAN – SRI PAS, Warsaw, 2012, 211-218

[Lumupa ce e:](#)

2337. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

2338. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

398. **Roeva, O.**, S. Fidanova. A Comparison of Genetic Algorithms and Ant Colony Optimization for Modeling of E. coli Cultivation Process. Real-World Application of Genetic Algorithms, In Tech, 2012, ISBN:978-953-51-0146-8, DOI:10.5772/2674, 261-282

[Lumupa ce e:](#)

2339. Tania Pencheva, Maria Angelova, Intuitionistic Fuzzy Logic Implementation to Assess Purposeful Model Parameters Genesis, Recent Contributions in Intelligent Systems, Volume 657 of the series Studies in Computational Intelligence pp 179-203, online Date: 29 October 2016, 2017, @2017

2340. Pencheva T., Angelova M. (2017) InterCriteria Analysis of Simple Genetic Algorithms Performance. In: Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. Studies in Computational Intelligence, vol 681. Springer, Cham, pp 147-159., @2017

399. Angelova Petya, **Momchilova Albena, Petkova Diana, Staneva Galya**, Pankov Roumen, Kamenov Zdravko. Testosterone replacement therapy improves erythrocyte membrane lipid composition in hypogonadal men.. Aging Male., 15, 3, 2012, DOI:doi: 10.3109/13685538.2012.693550., 173-179. ISI IF:2

[Lumupa ce e:](#)

2341. Acaz-Fonseca, E., Ortiz-Rodriguez A., Lopez-Rodriguez A.B., Garcia-Segura L.M., & Astiz M., "Developmental sex differences in the metabolism of cardiolipin in mouse cerebral cortex mitochondria." Scientific reports, 7. 2017, @2017

400. Orozova, D., **Atanassov, K.** Generalized Net Model of the Process of Selection and Usage of an Intelligent E-learning System. Comptes Rendus de l'Academie Bulgare des Sciences, 65, 5, 2012, 591-598. ISI IF:0.251

[Lumupa ce e:](#)

2342. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

401. **Atanassova, V.**, Fidanova, S., Chountas, P., **Atanassov, K.** A Generalized Net with an ACO Algorithm Optimization Component. Large Scale Scientific Computing, Lecture Notes in Computer Science, 7116, Germany, Springer, 2012, 187-194

[Lumupa ce e:](#)

2343. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

402. **Roeva, O.**, Trenkova, T.. Modelling of a Fed-batch Culture applying Simulated Annealing. BIOMATH, 1, 2, 2012, ISSN:1314-684X, 1-6

[Lumupa ce e:](#)

2344. Silva, Marlon da, Senne, Edson L.F., Vijaykumar, Nandamudi L. (2017). An Optimization Model to Minimize the Expected End-To-End Transmission Time in Wireless Mesh Networks. Pesquisa Operacional, 37(2), 209-227.

403. Novachev, N., Marinov, I., Stratiev, D., **Pencheva, T., Atanassov, K.** Generalized Net Model of the Process of Evaluation of the Environmental Impact of Refinery Activity. Proceedings of the 13th International Workshop on Generalized Nets, 2012, 56-61  
[Lumupa ce e:](#)  
2345. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
404. **Pencheva, T.**, Novachev, N., Stratiev, D., **Atanassov, K.** Generalized Net Model of the Process of Evaluation of the Environmental Impact of Refinery Activity using Intuitionistic Fuzzy Estimations. Notes on Intuitionistic Fuzzy Sets, 18, 4, 2012, 32-39  
[Lumupa ce e:](#)  
2346. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
405. **Atanassov, K.**, Sotirov, S., Shannon, A.. Generalized Net Model of the Hierarchical Neural Networks. Proceedings of the 13th International Workshop on Generalized Nets, London, UK, 2012, 8-14  
[Lumupa ce e:](#)  
2347. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
406. Stratiev, D., Marinov, I., **Pencheva, T., Atanassov, K.** Generalized Net Model of an Oil Refinery. Proceedings of the 12th International Workshop on Generalized Nets, 2012, 10-16  
[Lumupa ce e:](#)  
2348. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
407. **Jekova I, Krasteva V, Christov I,** Abacherli R. Threshold-based system for noise detection in multilead ECG recordings. Physiological Measurement, 33, IOP Publishing, 2012, ISSN:0967-3334, DOI:<http://dx.doi.org/10.1088/0967-3334/33/9/1463>, 1463-1477. SJR:2.11, ISI IF:1.8  
[Lumupa ce e:](#)  
2349. Baali H, Djelouat H, Amira A, Bensaali F (2017) Empowering technology enabled care using IoT and smart devices: A review. IEEE Sensors Journal, DOI: 10.1109/JSEN.2017.2786301, ISSN: 1530-437X., @2017  
2350. Orphanidou C, (2017), Quality Assessment for the Electrocardiogram (ECG). In: Signal Quality Assessment in Physiological Monitoring. SpringerBriefs in Bioengineering. Springer, Cham. DOI: 10.1007/978-3-319-68415-4\_2, ISBN: 978-3-319-68414-7, [https://link.springer.com/chapter/10.1007/978-3-319-68415-4\\_2](https://link.springer.com/chapter/10.1007/978-3-319-68415-4_2); N14., @2017  
2351. Everss-Villalba E, Melgarejo-Meseguer FM, Blanco-Velasco M, Gimeno-Blanes FJ, Sala-Pla S, Rojo-Álvarez JL, García-Alberola A, (2017), Noise maps for quantitative and clinical severity towards long-term ECG monitoring, Sensors, 17, 2448; doi:10.3390/s17112448, <http://www.mdpi.com/1424-8220/17/11/2448/htm>; N40, @2017  
2352. Li Y, Tang X, (2017), Grid mapping: a novel method of signal quality evaluation on a single lead electrocardiogram. Australas Phys Eng Sci Med (2017), pp. 1-13, <https://doi.org/10.1007/s13246-017-0594-7>, ISSN: 0158-9938, <https://link.springer.com/article/10.1007/s13246-017-0594-7>; N12, @2017  
2353. Satija U, Ramkumar B, Manikandan MS, (2017) Automated ECG noise detection and classification system for unsupervised healthcare monitoring. IEEE Journal of Biomedical and Health Informatics. doi: 10.1109/JBHI.2017.2686436, <http://ieeexplore.ieee.org/document/7884975/>; N21, @2017
408. **Roeva, O.**, Shanon, A., **Pencheva, T.** Description of Simple Genetic Algorithm Modifications Using Generalized Nets. IEEE 6th International Conference on Intelligent Systems, 2012, ISBN:978-1-4673-2277-5, 178-183  
[Lumupa ce e:](#)  
2354. Petkov T., P. Jovcheva, Z. Tomov, S. Simeonov, S. Sotirov, A Generalized Net Model of the Neocognitron Neural Network, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 249-259., @2017

**2355.** Bureva V., E. Sotirova, S. Popov, D. Mavrov, V. Traneva, Generalized Net of Cluster Analysis Process Using STING: A Statistical Information Grid Approach to Spatial Data Mining, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 239-248., @2017

**2356.** Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 2017, 21(1), 133-144., @2017

**409. Todinova S., Krumova S.,** Kurtev P., Dimitrov V., Djongov L., Dudunkov Z., **Taneva S.G.** Calorimetry-based profiling of blood plasma from colorectal cancer patients. Biochimica et Biophysica Acta - General Subjects, 1820, 12, Elsevier, 2012, DOI:10.1016/j.bbagen.2012.08.001., 1879-1885. SJR:1.525, ISI IF:3.848

Lumupa ce e:

**2357.** Sarah K. Kendrick , Qi Zheng, Nichola C. Garbett , Guy N. Brock, Application and interpretation of functional data analysis techniques to differential scanning calorimetry data from lupus patients, Plos One, Published: November 9, 2017 <https://doi.org/10.1371/journal.pone.0186232>, @2017

**2358.** Tenchov, B; Abarova, S; Koynova, R; Traikov, L; Tancheva, L., Low-temperature exothermic transitions in brain proteome of mice, effect of scopolamine, THERMOCHIMICA ACTA Volume: 650 Pages: 26-32, DOI: 10.1016/j.tca.2017.01.012 Published: APR 10 2017, @2017

**2359.** Ferencz, A; Lorinczy, D, DSC measurements of blood plasma on patients with chronic pancreatitis and operable and inoperable pancreatic adenocarcinoma, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 127 Issue: 2 Pages: 1187-1192 DOI: 10.1007/s10973-016-5371-4, Published: FEB 2017, @2017

**2360.** D. Lőrinczy, Thermal analysis in biological and medical applications. Journal of Thermal Analysis and Calorimetry, 2017, 1–18 DOI: 10.1007/s10973-017-6308-2, @2017

**2361.** Michnik A., Sadowska-Krępa E., Domaszewski P., Duch K., Pokora I. Blood serum DSC analysis of well-trained men response to CrossFit training and green tea extract supplementation, 2017, 41, 1–10 doi:10.1007/s10973-017-6346-9, @2017

**2362.** Farkas P., Könczöl F., Lőrinczy D., New possibilities of application of DSC as a new clinical diagnostic method. Journal of Thermal Analysis and Calorimetry, 2017, 1-11, @2017

**2363.** Garbett N.C., Brock G.N., Chaires J.B., Mekmaysy C.S., DeLeeuw L., Sivils K.L., Harley J.B., Rovin B.H., Kulasekera K.B., Jarjour W.N., Characterization and classification of lupus patients based on plasma thermograms. PLoS One. 2017 Nov 17;12(11):e0186398, @2017

**410. Atanassov, K. T.** On Intuitionistic Fuzzy Sets Theory. Studies in Fuzziness and Soft Computing, 283, Springer, 2012, ISBN:978-3-642-29126-5, DOI:10.1007/978-3-642-29127-2, 324

Lumupa ce e:

**2364.** Kutlu, F. On separation axioms in temporal intuitionistic fuzzy Šostak topology. "Notes on IFS", Volume 23, 2017, Number 1, pages 21—30, @2017

**2365.** Castillo, Oscar; Eduardo Ramirez and Olympia Roeva. Water cycle algorithm augmentation with fuzzy and intuitionistic fuzzy dynamic adaptation of parameters. "Notes on IFS", Volume 23, 2017, Number 1, pages 79—94, @2017

**2366.** Melin, Patricia ; Gabriela E. Martinez and Radoslav Tsvetkov. Choquet and Sugeno integrals and intuitionistic fuzzy integrals as aggregation operators. "Notes on IFS", Volume 23, 2017, Number 1, pages 95—99, @2017

**2367.** Vassilev, P. On similarly structured intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 13—16, @2017

**2368.** Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017

**2369.** Patricia Melin, Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017

**2370.** Petkov, T., T. Kostadinov, S. Sotirov, M. Krawczak. An intuitionistic fuzzy facial recognition approach by eigenvalues. "Notes on IFS", Volume 23, 2017, Number 2, pages 111—118, @2017

**2371.** Zaharieva, Bistra, Lyubka Doukovska, Simeon Ribagin and Irina Radeva. InterCriteria approach to Behterev's disease analysis. "Notes on IFS", Volume 23, 2017, Number 2, pages 119—127, @2017

**2372.** Bureva, Veselina ; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017

**2373.** Čunderlíková, K. Intuitionistic fuzzy partition. "Notes on IFS", Volume 23, 2017, Number 3, pages 44—53, @2017

**2374.** Bistra Zaharieva, Lyubka Doukovska, Simeon Ribagin, Alžbeta Michalíková and Irina Radeva. InterCriteria Analysis of Behterev's kinesitherapy program. "Notes on IFS", Volume 23, 2017, Number 3, pages 69—80, @2017

**2375.** Tarsuslu (Yılmaz), S., G. Çuvalcıoğlu and Y. Yorulmaz. Relations between some IF modal operators and IF negations. "Notes on IFS", Volume 23, 2017, Number 4, pages 31—39, @2017

2376. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
2377. Tarsuslu (Yılmaz), S., M. Çitil, E. Demirbaş and M. Aydın. Some modal operators with intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 20—28, @2017
2378. Angelova, N. and M. Stoenchev. Intuitionistic fuzzy conjunctions and disjunctions from third type. "Notes on IFS", Volume 23, 2017, Number 5, pages 29—41, @2017
2379. Kahraman, C., A. Parchami, CO Sezi, O Basar, Process capability analysis using intuitionistic fuzzy sets, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 3, pp. 1659-1671, 2017. DOI: 10.3233/JIFS-141877, @2017
2380. Pramanik, S., S. Dalapati, S. Alam, TK Roy et al, Neutrosophic cubic MCGDM method based on similarity measure, Neutrosophic Sets and Systems, Vol. 16, pp 44-55, 2017, @2017
2381. Banerjee, D., Giri, B. C., Pramanik, S., & Smarandache, F. (2017). GRA for Multi Attribute Decision Making in Neutrosophic Cubic Set Environment. Neutrosophic Sets & Systems, 15, pp. 60-67., @2017
2382. Ronald R. Yager , Naif Alajlan, Approximate reasoning with generalized orthopair fuzzy sets, Information Fusion, v.38 n.C, p.65-73, November 2017, @2017
2383. Zhinan Hao , Zeshui Xu , Hua Zhao , Ren Zhang, Novel intuitionistic fuzzy decision making models in the framework of decision field theory, Information Fusion, v.33 n.C, p.57-70, January 2017, @2017
2384. Loor, M., Guy De Tr, On the need for augmented appraisal degrees to handle experience-based evaluations, Applied Soft Computing, v.54 n.C, p.284-295, May 2017, @2017
2385. Miloevi, P., B. Petrovi , V. Jeremi, IFS-IBA similarity measure in machine learning algorithms, Expert Systems with Applications: An International Journal, v.89 n.C, p.296-305, December 2017, @2017
2386. Guo, K, Wenli Li, A unified framework for the key weights in MAGDM under uncertainty, Soft Computing - A Fusion of Foundations, Methodologies and Applications, v.21 n.9, p.2251-2262, May 2017, @2017
2387. Zhenghai Ai , Zeshui Xu , Qian Lei, Limit properties and derivative operations in the metric space of intuitionistic fuzzy numbers, Fuzzy Optimization and Decision Making, v.16 n.1, p.71-87, March 2017, @2017
2388. Xiaonan Li , Huangjian Yi , Yanhong She , Bingzhen Sun, Generalized three-way decision models based on subset evaluation, International Journal of Approximate Reasoning, v.83 n.C, p.142-159, April 2017, @2017
2389. Zou, Li, Li Xiao Nan, Pan Chang, et al., (alpha, beta)-Ordered linear resolution of intuitionistic fuzzy propositional logic, INFORMATION SCIENCES, Volume: 414, Pages: 329-339, 2017., @2017
2390. Omar B., H. Mohamed, A. Tarik, et al., A decision-making approach based on fuzzy AHP-TOPSIS methodology for selecting the appropriate cloud solution to manage big data projects, INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT Volume: 8 Issue: 2 Supplement: 2 Pages: 1237-1253, 2017, @2017
2391. Lei Qian, Xu Zeshui, A Unification of Intuitionistic Fuzzy Calculus Theories Based on Subtraction Derivatives and Division Derivatives, IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 25 Issue: 5 Pages: 1023-1040, 2017., @2017
2392. Yager, Ronald R., Generalized Orthopair Fuzzy Sets, IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 25 Issue: 5 Pages: 1222-1230, 2017, @2017
2393. Sundas, S., A. Muhammad, Intuitionistic fuzzy soft graphs with applications, JOURNAL OF APPLIED MATHEMATICS AND COMPUTING Volume: 55 Issue: 1-2 Pages: 369-392, 2017, @2017
2394. Shan, Y., X. Ze-shui, L. Shou-sheng, Derivatives and differentials for multiplicative intuitionistic fuzzy information, APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B Volume: 32 Issue: 4 Pages: 443-461, 2017, @2017
2395. Qiong, M., X. Zeshui, L. Huchang, A graph based group decision making approach with intuitionistic fuzzy preference relation, COMPUTERS & INDUSTRIAL ENGINEERING, Volume: 110 Pages: 138-150, 2017., @2017
2396. Hassaballah, M., A. Ghareeb, A framework for objective image quality measures based on intuitionistic fuzzy sets, APPLIED SOFT COMPUTING, Volume 57, Pages 48-59, 2017., @2017
2397. Marasini, D., P. Quatto, E. Ripamonti, Inferential confidence intervals for fuzzy analysis of teaching satisfaction, QUALITY & QUANTITY Volume: 51 Issue: 4 Pages: 1513-1529, 2017., @2017
2398. Liao, H., Li Zhimin, Z. Xiao-Jun, et al., A Comparison of Distinct Consensus Measures for Group Decision Making with Intuitionistic Fuzzy Preference Relations, INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, Volume 10, Issue 1, Pages 456-469, 2017. DOI: 10.2991/ijcis.2017.10.1.31, @2017
2399. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
2400. Angelova, N., M. Stoenchev, V. Todorov, Intuitionistic fuzzy conjunctions and disjunctions from second type, Issues in IFSs and GNs, Vol. 13, 2017, 143–170, @2017
2401. Ahmed, A.U., S. Rahman, D. Bijan, On intuitionistic fuzzy idempotent, prime, strongly irreducible and t-pure ideals of semirings, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Volume: 33 Issue: 1 Pages: 433-443, 2017., @2017
2402. Pencheva, T., M. Angelova, Intuitionistic Fuzzy Logic Implementation to Assess Purposeful Model Parameters Genesis, RECENT CONTRIBUTIONS IN INTELLIGENT SYSTEMS Book Series: Studies in Computational Intelligence, Volume: 657, Pages: 179-203, 2017., @2017
2403. Szmjdt, E., J. Kacprzyk, A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets, FUZZY SETS, ROUGH SETS, MULTISETS AND CLUSTERING Book Series: Studies in Computational Intelligence Volume: 671 Pages: 221-237, 2017., @2017

2404. Liu, WS., H. C. Liao, A Bibliometric Analysis of Fuzzy Decision Research During 1970-2015, INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, Volume: 19 Issue: 1 Pages: 1-14 Special Issue: SI, 2017., @2017
2405. Ngan, SC, A unified representation of intuitionistic fuzzy sets, hesitant fuzzy sets and generalized hesitant fuzzy sets based on their u-maps, EXPERT SYSTEMS WITH APPLICATIONS, Volume: 69 Pages: 257-276, 2017., @2017
2406. Li, XN., HJ. Yi, SH. She, BZ. Sun, Generalized three-way decision models based on subset evaluation, INTERNATIONAL JOURNAL OF APPROXIMATE REASONING, Volume: 83 Pages: 142-159, 2017., @2017
2407. Tian, F., S. Liu, H. Xu, Q. Lei, Partial Derivative and Complete Differential of Binary Intuitionistic Fuzzy Functions, INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, Volume: 19 Issue: 2 Pages: 273-284 Special Issue: SI, 2017., @2017
411. **Angelova, M., Atanassov, K., Pencheva, T.** Purposeful Model Parameters Genesis in Simple Genetic Algorithms. Computers & Mathematics with Applications, 64, 2012, ISSN:0898-1221, 221-228. ISI IF:1.747  
*Lumupa ce s:*
2408. Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 45 in Nature-Inspired Computing: Concepts, Methodologies, Tools, and Applications, 2017, 1184-1228., @2017
2409. Gordini N., Genetic Algorithms for Small Enterprises Default Prediction: Empirical Evidence from Italy, Chapter 23 in Nature-Inspired Computing: Concepts, Methodologies, Tools, and Applications, 2017, 571-607., @2017
2410. Klepac G., R. Kopal, L. Mrcic, Early Warning System Framework Proposal Based on Structured Analytical Techniques, SNA, and Fuzzy Expert System for Different Industries, Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, 2017, Vol. 1-3, 202-234., @2017
2411. Wu H., Applications of an Improved Hybrid Ant Colony Optimization Algorithm in Non-deterministic Polynomial Problems, Boletín Técnico, 2017, 55(3), 181-187., @2017
412. **Angelova, M., Melo-Pinto, P., Pencheva, T.** Modified Simple Genetic Algorithms Improving Convergence Time for the Purposes of Fermentation Process Parameter Identification. WSEAS Transactions on Systems, 11, 7, 2012, ISSN:2224-2678, 256-267. SJR:0.319  
*Lumupa ce s:*
2412. Mankad K. P., An Intelligent Process Development Using Fusion of Genetic Algorithm with Fuzzy Logic, Chapter 10 in Artificial Intelligence: Concepts, Methodologies, Tools, and Applications, 2017, 245-281., @2017
2413. Klepac G., R. Kopal, L. Mrcic, Early Warning System Framework Proposal Based on Structured Analytical Techniques, SNA, and Fuzzy Expert System for Different Industries, Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, 2017, Vol. 1-3, 202-234., @2017
2414. Mankad K. P., An Intelligent Process Development Using Fusion of Genetic Algorithm with Fuzzy Logic, Chapter 2 in Nature-Inspired Computing: Concepts, Methodologies, Tools, and Applications, 2017, 44-81., @2017
2415. Singh B. K., Evaluation of Genetic Algorithm as Learning System in Rigid Space Interpretation, Chapter 45 in Nature-Inspired Computing: Concepts, Methodologies, Tools, and Applications, 2017, 1184-1228., @2017
413. **Dimitrov AG., Dimitrova NA.** A possible link of oxaliplatin-induced neuropathy with potassium channel deficit.. Muscle and Nerve, 45, 3, 2012, DOI:10.1002/mus.22311, 403-411. ISI IF:2.283  
*Lumupa ce s:*
2416. Flatters, S. J. L., et al. "Clinical and Preclinical Perspectives on Chemotherapy-Induced Peripheral Neuropathy (CIPN): A Narrative Review." British Journal of Anaesthesia, vol. 119, no. 4, Elsevier BV, Oct. 2017, pp. 737-49. Crossref, doi:10.1093/bja/aex229., @2017
414. Nagy, G., Pieper, J., **Krumova, S. B.**, Kovács, L., Trapp, M., Garab, G., Peters, J.. Dynamic properties of photosystem II membranes at physiological temperatures characterized by elastic incoherent neutron scattering. Increased flexibility associated with the inactivation of the oxygen evolving complex.. Photosynthesis Research, 111, 1-2, 2012, DOI:10.1007/s11120-011-9701-x, 113-124. ISI IF:3.243  
*Lumupa ce s:*
2417. Peters, J; Marion, J; Natali, F; Kats, E; Bicout, DJ, The Dynamical Transition of Lipid Multilamellar Bilayers as a Matter of Cooperativity, JOURNAL OF PHYSICAL CHEMISTRY B Volume: 121 Issue: 28 Pages: 6860-6868, DOI: 10.1021/acs.jpcc.7b05167 Published: JUL 20 2017, @2017
2418. J. Peters, J. Marion, F. J. Becher, M. Trapp, T. Gutberlet, D. J. Bicout, T. Heimburg, Thermodynamics of lipid multilamellar vesicles in presence of sterols at high hydrostatic pressure, Scientific Reports, 7: 15339 | DOI:10.1038/s41598-017-15582-4, @2017

415. Hundertmark, M., **Popova, A.V.**, Rausch, S., Seckler, R., Hinch, D.K.. Influence of drying on the secondary structure of intrinsically disordered and globular proteins. *Biochemical and Biophysical Research Communications*, 417, 2012, 122-128. ISI IF:2.406  
Lumupa ce e:  
2419. Covarrubias A.A., Cuevas-Velazquez C.L., Romero-Pérez P.S, Rendón-Luna D.F., Chater C.C.C., 2017, Structural disorder in plant proteins: where plasticity meets sessility, *Cell Mol Life Sci.* 2017 Jun 22. doi: 10.1007/s00018-017-2557-2, @2017  
2420. Ajibola C.F., Fagbemi T.N., Aluka R., 2017, Modulation of the secondary and tertiary structures of African yam bean (*S phenostylis stenocarpa*) seed globulins, albumins and protein concentrate by pH and NaCl, *Journal of Food Biochemistry*, 41 (2) April 2017, Article number e12321, DOI: 10.1111/jfbc.12321, @2017
416. **Angelova, M., Atanassov, K., Pencheva, T.** Intuitionistic Fuzzy Estimations of Purposeful Model Parameters Genesis. *IEEE 6th International Conference on Intelligent Systems*, 2012, 206-211  
Lumupa ce e:  
2421. Roeva O., S. Fidanova, Comparison of Different Metaheuristic Algorithms Based on Intercriteria Analysis, *Journal of Computational and Applied Mathematics*, 2017, <http://dx.doi.org/10.1016/j.cam.2017.07.028>., @2017
417. Georgieva, N., Bryaskova, R., **Tzoneva, R.** New Polyvinyl alcohol-based hybrid materials for biomedical application. 88, *Elsevier*, 2012, ISSN:0167-577X, DOI:10.1016/j.matlet.2012.07.111, 19-22. SJR:0.85, ISI IF:2.489  
Lumupa ce e:  
2422. R. Surudžić, A. Janković, M. Vukašinović-Sekulić1, A. Perić-Grujić, K. Y. Rhee, V. Mišković- Stanković, "Optimization of the electrochemical synthesis of silver nanoparticles in poly(vinyl alcohol) colloid solutions, *Bulgarian Chemical Communications*, Volume 49 Special Issue C (pp. 186 – 193) 2017, @2017  
2423. Cristina Acebo, Xavier Ramis, "Improved epoxy thermosets by the use of poly(ethyleneimine) derivatives". *Physical Sciences Reviews*, 2017, @2017  
2424. Gaurav SharmaEmail authorBharti ThakurMu. NaushadEmail authorAmit KumarFlorian J. StadlerSulaiman M. AlfadulGenene Tessema Mola, "Applications of nanocomposite hydrogels for biomedical engineering and environmental protection". *Environmental Chemistry Letters*, 2017, @2017  
2425. Tavakoli Javad, Dong Yu, Tang Youhong, "6– Biomedical polymer hybrid composites, *Hybrid Polymer Composite Materials Structure and Chemistry*. 2017, Pages 135–162, @2017
418. **Rashkov, G.D., Dobrikova, A.G.**, Pouneva, I.D., Misra, A.N., **Apostolova, E.L.** Sensitivity of *Chlorella vulgaris* to herbicides. Possibility of using it as a biological receptor in biosensors. *Sensors and Actuators, B: Chemical*, 161, 1, *Elsevier*, 2012, DOI:DOI: 10.1016/j.snb.2011.09.088, 151-155. SJR:1.155, ISI IF:4.097  
Lumupa ce e:  
2426. Camuel A., Guieysse B., Alcántara C., Béchet Q., Fast algal eco-toxicity assessment: Influence of light intensity and exposure time on *Chlorella vulgaris* inhibition by atrazine and DCMU, *Ecotoxicology and Environment Safety*, 140, 2017, 141-147., @2017  
2427. Hom-Díaz A., Z. Norvill, P. Blánques, T. Vicent, B. Guieysse, Ciprofloxacin removal during secondary domestic wastewater treatment in high rate algal ponds, *Chemosphere* 180, 2017, 33-41., @2017  
2428. Buchova M., R. Licbiusky, V. Jandova, J. Krejci, J. Paspichalova, J. Huzlik, Fast ecotoxicity detection using biosensors, *Water, Air and Soil Pollution*, 228(4), 2017, 166., @2017  
2429. Zhao F., Xiang Q., Zhou Y., Xu X., Qiu X., Yu Y., Ahmad F., Evaluation of the toxicity of herbicide topramezone to *Chlorella vulgaris*: Oxidative stress, cell morphology and photosynthetic activity, *Ecotoxicol. Env. Safety* 143, 2017, 129-135., @2017  
2430. Liu Q., Zhang G., Ding J., Zou H., Shi H., Huang C. Evaluation of the removal of Potassium Cyanide and its toxicity in green algae (*Chlorella vulgaris*). *Bull. Environ. Contam. Toxicol.* Nov 2017, doi. 10.1007/s00128-017-2208-1, @2017
419. Bortolan G, **Christov I.** T-wave alternans detection by a combined method of principal component analysis and T-wave amplitude. *Physiological measurement*, 33, 2012, 333-343. SJR:2.11, ISI IF:1.8  
Lumupa ce e:  
2431. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско

420. **Ilkova, T., M. Petrov, O. Roeva.** Optimization of a Whey Bioprocess Using Neuro-dynamic Programming Strategy. *Biotechnology & Biotechnological Equipment*, 26, 5, 2012, 3249-3253. ISI IF:0.622  
[Lumupa ce e:](#)  
2432. Comeau, J., Gunn, Eldon A. (2017). A Neuro-dynamic Programming Approach to the Optimal Stand Management Problem, *Canadian Journal of Forest Research*, 2017, 47(6): 808-816, @2017
421. **Atanassova, Vassia,** Sotirov, Sotir. A New Formula for De-i-fuzzification of Intuitionistic Fuzzy Sets. *Notes on Intuitionistic Fuzzy Sets*, 18, 3, 2012, 49-51  
[Lumupa ce e:](#)  
2433. Milošević, Pavle, Bratislav Petrović, and Veljko Jeremić. "IFS-IBA similarity measure in machine learning algorithms." *Expert Systems with Applications* 89 (2017): 296-305., @2017  
2434. Milošević, P. D. (2017). IFS-IBA PRISTUP: INTERPOLATIVNA BULOVA ALGEBRA U TEORIJI INTUICIONISTIČKIH FAZI SKUPOVA (Doctoral dissertation, Univerzitet u Beogradu-Fakultet organizacionih nauka)., @2017  
2435. Botía, J. F., Cárdenas, A. M., & Sierra, C. M. (2017). Fuzzy cellular automata and intuitionistic fuzzy sets applied to an optical frequency comb spectral shape. *Engineering Applications of Artificial Intelligence*, 62, 181-194. <http://www.sciencedirect.com/science/article/pii/S0952197617300659>, @2017
422. **Dotsinsky, I., Nikolova, B.,** Peycheva, E., **Tsoneva, I.** New modality for electrochemotherapy of surface tumors., *Biotechnol. & Biotechnol. Eq.*, 26,, 6, 2012, 3402-3406. ISI IF:0.622  
[Lumupa ce e:](#)  
2436. Henríquez, F., Jerez-Hanckes, C. & Altermatt, F. *Numer. Math.* 136, 1, 101–145, 2017., @2017
423. Angelov, B., A. Angelova, V. M. Garamus, M. Drechsler, R. Willumeit, **R. Mutafchieva, P. Štěpánek, S. Lesieur.** Earliest Stage of the Tetrahedral Nanochannel Formation in Cubosome Particles from Unilamellar Nanovesicles. *Langmuir*, 28, 48, American Chemical Society, 2012, ISSN:0743-7463, DOI:10.1021/la302721n, 16647-16655. SJR:1.65, ISI IF:4.457  
[Lumupa ce e:](#)  
2437. van't Hag, L., S. L.Gras, C. E. Conn, C. J. Drummond. Lyotropic liquid crystal engineering moving beyond binary compositional space–ordered nanostructured amphiphile self-assembly materials by design. *Chemical Society Reviews*, 46(10), 2017, 2705-2731. ISSN 0306-0012, @2017  
2438. Wakaskar, R. R. General overview of lipid–polymer hybrid nanoparticles, dendrimers, micelles, liposomes, spongosomes and cubosomes. *Journal of drug targeting*, 1-8. 2017. ISSN: 1061-186X, @2017  
2439. Durand, E., R. F. Jacob, S. Sherratt, J.Lecomte, B. Baréa, P. Villeneuve, R.P. Mason. The nonlinear effect of alkyl chain length in the membrane interactions of phenolipids: Evidence by X-ray diffraction analysis. *European Journal of Lipid Science and Technology*, 2017. DOI: 10.1002/ejlt.201600397. ISSN: 1438-9312, @2017  
2440. Muhammad, F., T. D. T. Nguyen, A. Raza, B. Akhtar, S. Aryal. A review on nanoparticle-based technologies for biodetoxification. *Drug and Chemical Toxicology*, 2017. ISSN: 0148-0545, @2017
424. **Zhelev, Z., Aoki, I., Gadjeva, V., Nikolova, B.,** Bakalova, R. Tissue redox activity as a sensing platform for imaging of cancer based on nitroxide redox cycle., *Eur. J. Cancer*, 49, 2012, 1467-1478. ISI IF:5.417  
[Lumupa ce e:](#)  
2441. Prescott, C., Bottle, SE., Biological Relevance of Free Radicals and Nitroxides, *Cell biochemistry and biophysics*, 75, 2, 227–240, 2017, @2017
425. Escoffre, J.M., **Nikolova, B.,** Mallet, L., Henri, J., Favard, C., Golzio, M., Teissié, J., **Tsoneva, I.,** Rols, M.P.. New insights in the gene electrotransfer process:Evidence for the involvement of the plasmid DNA topology., *Curr. Gene Ther.*, 12, 5, 2012, 417-422. ISI IF:5.318  
[Lumupa ce e:](#)  
2442. Spectroscopie diélectrique HyperFréquence des cellules biologiques soumises à l'électroporation, @2017

426. **Atanassova, V.**. Generalized nets with volumetric tokens. *COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES*, 65, 11, 2012, 1489-1498. ISI IF:0.211

*Цитира се в:*

2443. Poryazov, S., Andonov, V., & Saranova, E. (2017, June). Comparison of Conceptual Models of Overall Telecommunication Systems with QoS Guarantees. In *International Conference on Flexible Query Answering Systems* (pp. 260-268). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_23](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_23), @2017

2444. Ваня Красимирова Георгиева, „Обобщеномрежово моделиране на процеси и пречистване на води“, Дисертационен труд за присъждане на ОНС доктор по информатика, Институт по биофизика и биомедицинско инженерство, БАН, 2017., @2017

427. **Atanassova, V.**. Generalized Net Model of an Online Submission System. *Proc. of 13th International Workshop on Generalized Nets*, London, 29 October 2012, 2012, 24-33

*Цитира се в:*

2445. Ваня Красимирова Георгиева, „Обобщеномрежово моделиране на процеси и пречистване на води“, Дисертационен труд за присъждане на ОНС доктор по информатика, Институт по биофизика и биомедицинско инженерство, БАН, 2017, @2017

428. **Tzoneva, R.**, Seifert, B., Behl, M., Lendlein, A.. Elastic multiblock copolymers for vascular regeneration: Protein adsorption and hemocompatibility. *IOS*, 52, 2012, ISSN:1875-8622, DOI:DOI 10.3233/CH-2012-1609, 337-348. ISI IF:2.242

*Цитира се в:*

2446. M. M Elsway and A. de Mel. "Biofabrication and biomaterials for urinary tract reconstruction". *Res Rep Urol.*, 2017; 9: 79–92., @2017

429. Rangasamy, P., **Hadjitodorov, S.**, **Atanassov, K.**, **Vassilev, P.**. Generalized net model of an intuitionistic fuzzy clustering technique for biomedical data. *Biotechnology and Biotechnological Equipment*, 26, 5, Taylor and Francis Group, LLC, 2012, ISSN:1310-2818, DOI:10.5504/BBEQ.2012.0072, 3306-3309. ISI IF:0.373

*Цитира се в:*

2447. Pierpaolo D'Urso. (2017) Informational Paradigm, management of uncertainty and theoretical formalisms in the clustering framework: A review. *Information Sciences* 400-401, pages 30-62., @2017

430. Bortolan G, **Christov I**, Simova I, Dimitrov N, **Jekova I**, **Krasteva V**. Clinical characterization by principal component analysis of stress test ECG. *Computing in Cardiology*, 39, 2012, 613-616. SJR:0.63

*Цитира се в:*

2448. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

431. **Todorova, L.**, **Vassilev, P.**, Surchev, J.. Diagnostic method before implantation of cerebrospinal fluid draining shunt in infants. A generalized net model. *Proc. of 13th International Workshop on Generalized Nets*, 2012, ISSN:1313-6860

*Цитира се в:*

2449. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017

432. **Todorova, L.**, Ignatova, V., Haralanov, L.. Generalized Net Model for Diagnosis of Multiple Sclerosis. *Proceedings of 12th International Workshop on Generalized Nets*, 2012, 32-38

*Цитира се в:*

2450. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017

433. Parvathi, Rangasamy, **Atanassova, Vassia**. Intuitionistic fuzzy statistical tools for filters in image processing. Proc. of the 6th IEEE International Conference on Intelligent Systems, 2, 2012, 150-152  
[Lumupa ce e:](#)  
2451. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017
434. **Angelova, M., Pencheva, T.** Algorithms Improving Convergence Time in Parameter Identification of Fed-batch Cultivation. Comptes rendus de l'Académie bulgare des Sciences, 65, 3, 2012, ISSN:1310-1331, 299-306. ISI IF:0.211  
[Lumupa ce e:](#)  
2452. Senthil Kumar A. V., Ensemble Online Sequential Extreme Learning Machine and Swarm Intelligent Based Feature Selection for Cleveland Heart Disease Prediction System, International Journal of Advanced Trends in Computer Science and Engineering, 2017, 6(5), 84-91., @2017  
2453. Klepac G., R. Kopal, L. Mrcic, Early Warning System Framework Proposal Based on Structured Analytical Techniques, SNA, and Fuzzy Expert System for Different Industries, Fuzzy Systems: Concepts, Methodologies, Tools, and Applications, 2017, Vol. 1-3, 202-234., @2017
435. **Stephanova DI, Krustev SM, Negrev N.** Mechanisms defining the electrotonic potential abnormalities in simulated amyotrophic lateral sclerosis.. J. Integr. Neurosci, 11, 2, Imperial College Press, 2012, ISSN:0219-6352, 155-167. ISI IF:1.121  
[Lumupa ce e:](#)  
2454. Maglemose R, Hedegaard A, Lehnhoff J, Dimintiyanova KP, Moldovan M, Grondahl L, Meehan CF. (2017): Potassium channel abnormalities are consistent with early degeneration of motor axons in the G127XSOD1 mouse model of amyotrophic lateral sclerosis. Experimental neurology 292(1):154-167, ISSN: 001446, @2017
436. Odjakova, M., Popova, E., **Al Sharif, M.**, Mironova, R.. „Plant-Derived Agents with Anti-Glycation Activity, Glycosylation”, in “Glycosylation”, Dr. Stefana Petrescu (Ed.), InTech, 2012, 223-256 (ISBN: 978-953-51-0771-2; DOI: 10.5772/48186). 2012, ISBN:978-953-51-0771-2, DOI:10.5772/48186, 33, 223-256  
[Lumupa ce e:](#)  
2455. Gutiérrez-García K, Neira-González A, Pérez-Gutiérrez RM, Granados-Ramírez G, Zarraga R, Wrobel K, Barona-Gómez F, Flores-Cotera LB. Phylogenomics of 2, 4-Diacetylphloroglucinol-Producing Pseudomonas and Novel Antiglycation Endophytes from Piper auritum. J Nat Prod., 2017, 80, 1955-1963., @2017  
2456. Akıllıoğlu HG, Çelikbıçak Ö, Salih B, Gökmen V. Monitoring protein glycation by electrospray ionization (ESI) quadrupole time-of-flight (Q-TOF) mass spectrometer. Food Chem., 2017, 217, 65-73., @2017
437. **Roeva, O., Pencheva, T., Atanassov, K.** Generalized Net of a Genetic Algorithm with Intuitionistic Fuzzy Selection Operator. New Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Vol. I: Foundations, 2012, ISBN:83-894-7540-5, 167-178  
[Lumupa ce e:](#)  
2457. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
438. Iliev I, Nenova B, **Jekova I, Krasteva V.** Algorithm for real-time pulse wave detection dedicated to non-invasive pulse sensing. Computers in Cardiology, 39, 2012, ISSN:0276-6574, 777-780. SJR:0.149  
[Lumupa ce e:](#)  
2458. Thang Viet Tran, Wan-Young Chung, (2017), A Robust Peak Detection Algorithm for Photoplethysmographic Waveforms in Mobile Devices, Journal of Medical Imaging and Health Informatics, Vol. 7(7), pp. 1617-1623(7), DOI: <https://doi.org/10.1166/jmih.2017.2175>, ISSN 2156-7018, <http://www.ingentaconnect.com/contentone/asp/jmih/2017/00000007/00000007/art00022>, @2017
439. **Lessigiarska, I., Pajeva, I., Prodanova, P., Georgieva, M., Bijev, A.** Structure-activity relationships of pyrrole hydrazones as new anti-tuberculosis agents. Medicinal Chemistry, 8, 3, 2012, 462-473. ISI IF:1.373  
[Lumupa ce e:](#)

2459. Violina T. Angelova, VioletaValcheva, Nikolay G.Vassilev, Rosen Buyukliev, GeorgiMomekov, IvanDimitrov, LucianoSaso, MirjanaDjukic, Boris Shivachev, Antimycobacterial activity of novel hydrazide-hydrazone derivatives with 2H-chromene and coumarin scaffold, *Bioorganic & Medicinal Chemistry Letters* Volume 27, Issue 2, 15 January 2017, Pages 223-227, @2017
440. **Atanassov K.**, Sotirov S., Shannon A.. Generalized Net Model of the Hierarchical Neural Networks. Proceedings of the 13th International Workshop on Generalized Nets, London, UK, 29 October 2012, 2012, 8-14  
[Lumupa ce e:](#)
2460. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1–60., @2017
441. Cicek, N, Fedina, I, Cakirlar, H, **Velitchkova, M**, K. Georgieva. The role of short-term high temperature pretreatment on the UV-B tolerance of barley cultivars. *Turk J. Agric. For.*, 36, 2012, ISSN:1300-011X, 153-165. ISI IF:0.923  
[Lumupa ce e:](#)
2461. Anita Singh, Gausiya Bashri and Sheo, Mohan Prasad (2017) Major Influence of Phytochrome and Photosynthetic Machinery Under UV-B Exposure. In: *UV-B radiation: From Environmental stressor to regulator of Plant growth. Mapping UV-B Research from Past to Recent Advancements.* (Eds. Vijay Pratap Singh, Samiksha Singh, Parul Parihar, Sheo Mohan Prasad). John Wiley & Sons, ISBN: 1119143608, 9781119143604, pp. 123-142, @2017
442. **Roeva, O.**, Slavov, T.. Firefly algorithm tuning of PID controller for glucose concentration control during E. coli fed-batch cultivation process. *IEEE Proc. of the Federated Conference on Computer Science and Information Systems*, 2012, ISBN:978-1-4673-0708-6, 455-462  
[Lumupa ce e:](#)
2462. Ali Fuat Boz, Murat Erhan Çimen, PID Controller Design Using Improved FireFly Algorithm, 8th International Advanced Technologies Symposium - IATS'17, 19-22 October 2017, Elazığ, Turkey, 3358-3365, @2017
2463. Ali Fuat Boz, Murat Erhan Çimen, An Interface Design for Controlling Dead Time Systems Using PSO, CS and FA Algorithms, 8th International Advanced Technologies Symposium - IATS'17, 19-22 October 2017, Elazığ, Turkey, 3366-3374., @2017
443. **Pencheva, T.**, Lagorce, D., **Pajeva, I.**, Villoutreix, B. O., Miteva, M. A.. AMMOS Software: Method and Application. *Computational Drug Discovery and Design*, Vol. 819 of *Methods in Molecular Biology*, 2012, ISBN:978-1-61779-464-3, 127-141. SJR:0.691  
[Lumupa ce e:](#)
2464. Azevedo, F.; Richardt, J.; Oliveira, M.; Araujo, I.; Oliveira, R.; Baptista, L.; Amorim, H. In Silico Screening and Analysis of Potential Inhibitors of Arylamine N-Acetyltransferases (NATs) from the Traditional Chinese Medicine: A Study Using Free Available Tools. *Preprints 2017*, 2017060132 doi: 10.20944/preprints201706.0132.v1, @2017
444. **Roeva, O.**, Slavov, T.. PID Controller Tuning based on Metaheuristic Algorithms for Bioprocess Control. *Biotechnology and Biotechnological Equipment*, 26, 5, Taylor & Francis, 2012, ISSN:1310-2818, 3267-3277. ISI IF:0.3  
[Lumupa ce e:](#)
2465. Halim A.H., Ismail I., Single and Multiple variables control using Tree Physiology Optimization, 2017, *MATEC Web of Conferences*, 131, art. no. 03017., @2017
445. Kosev K., **Roeva O.**, **Atanassov K.**. Generalized Net Model Cytokinin/Auxin Interactions for Plant Root Formation. *New Developments in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics, Volume II: Applications*, IBS PAN – SRI PAS, Warsaw, 2012, 91-99  
[Lumupa ce e:](#)
2466. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017
2467. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
446. **Christov I**, Bortolan G, Simova I, Katova T. T wave and QRS complex alternans during stress ECG testing according to the presence or absence of diabetes mellitus. *Journal of Endocrinology and Metabolism*, 2, 1, 2012, 32-38  
[Lumupa ce e:](#)

2468. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

447. Ilkova T., Roeva O., Petrov M., Vanags J.. Generalized Net Model of Neuro-dynamic Programming Algorithm. 13th International Workshop on Generalized Nets, 2012, 17-26

Цитира се в:

2469. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

2470. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

---

## 2013

---

448. Pajeva, I., Sterz, K., Steggemann, K., Marighetti, F., Christlieb, M., Wiese, M.. Interactions of the multidrug resistance modulators tariquidar and elacridar and their analogs with P-glycoprotein. ChemMedChem., 8, 10, 2013, 1701-1813. ISI IF:3.046

Цитира се в:

2471. Xiaqing Yi, Dan Zhao, Quan Zhang, Jiaqi Xu, Gongdao Yuan, Renxi Zhuo and Feng Li. Preparation of multilocation reduction-sensitive core crosslinked folate-PEG-coated micelles for rapid release of doxorubicin and tariquidar to overcome drug resistance, Nanotechnology 28.8 (2017): 085603, @2017

449. Kosev K., Ivanov I., Ananiev A., Denev P., Roeva O.. Generalized Net Model of Interval Mapping QTL Analysis. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 136-142

Цитира се в:

2472. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

2473. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

450. Pencheva, T., Roeva, O., Atanassova, V., Angelova, M.. Generalized Net Model of the lac Operon. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, 2013, 183-192

Цитира се в:

2474. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

2475. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017

451. Pencheva, T., Jereva, D., Miteva, M, Pajeva, I.. Post-docking Optimization and Analysis of Protein-ligand Interactions of Estrogen Receptor Alpha using AMMOS Software. Current Computer-Aided Drug Design, 9, 1, 2013, 83-94. ISI IF:1.762

Цитира се в:

2476. Catarro M., J. Serrano, E. Cavalheiro, S. Ramos, A. O. Santos, S. Silvestre, P. Almeida, Novel 4-acetamide-2-alkylthio-N-acetanilides Resembling Nimesulide: Synthesis, Cell Viability Evaluation and in silico Studies, Bioorganic & Medicinal Chemistry, 2017, 25(16), 4304-4313, @2017

452. Krumova, S., Zhiponova, M., Dankov, K., Velikova, V., Balashev, K., Andreeva, T., Russinova, E., Taneva, S.. Brassinosteroids regulate the thylakoid membrane architecture and the photosystem II function. Journal of Photochemistry and Photobiology B: Biology, 126, Elsevier, 2013, ISSN:1011-1344, DOI:http://dx.doi.org/10.1016/j.jphotobiol.2013.07.008, 97-104. SJR:0.721, ISI IF:2.803

Цитира се в:

2477. Holá D., Fotosyntetické charakteristiky ve šlechtění rostlin: cíle, možnosti a omezení, Univerzita Karlova, Habilitační práce, @2017

2478. Vidya Vardhini, B. Modifications of morphological and anatomical characteristics of plants by application of brassinosteroids under various abiotic stress conditions - A review. *Plant Gene* Volume 11, Part B, September 2017, Pages 70-89, @2017
2479. Shu H.M., Guo S.Q., Gong Y.Y., Jiang L., Zhu J.W., Ni W.C. RNA-seq analysis reveals a key role of brassinolide-regulated pathways in NaCl-stressed cotton. *Biologia Plantarum*., @2017
2480. Faiçal Brini, Photosynthesis Under Stressful Environmental Conditions: Existing Challenges, November 2017 In book: *Environment and Photosynthesis: A Future Prospect*, Chapter: 5, Publisher: Studium Press (Pvt.), Limited a Joint venture of Studium Press, USA., Editors: Samiksha Singh, pp.68-91, @2017
453. Parvathi, R., Malathi, C., Akram, M., **Atanassov, K. T.** Intuitionistic fuzzy linear regression analysis. *Fuzzy Optimization and Decision Making*, 12, 2, 2013, 215-229  
*Lumupa ce e:*
2481. Song, Y., X. Wang, W Wu, L Lei, W Quan, Uncertainty measure for Atanassov's intuitionistic fuzzy sets, *Applied Intelligence*, Volume 46, Issue 4, pp 757–774, 2017., @2017
2482. Mohideen, SI, AN Gani, U Abuthahir, Error Estimation Using Fuzzy Linear Regression Analysis, *Intern. J. Fuzzy Mathematical Archive*, Vol. 13, No. 1, pp 69-76, 2017., @2017
454. **Pencheva, T., Atanassov, K.**, Shannon, A.. Generalized Nets Model of Rank-based Fitness Assignment in Genetic Algorithms. *New Trends in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics. Volume II: Applications, Foundations*, 2013, 127-136  
*Lumupa ce e:*
2483. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, Vol 13, 2017, 1-60, @2017
455. **Mladenov I., Djondjorov P., Hadzhilazova M., Vassilev V.** Equilibrium Configurations of Lipid Bilayer Membranes and Carbon Nanostructures. *Commun. Theor. Phys.*, 59, 2013, 213-228. ISI IF:0.89  
*Lumupa ce e:*
2484. Mazharimousavi S. H., Forghani S. D., Abtahi S. N., *Int. J. Geom. Methods Mod. Phys.* Vol. 14 (2017) 1750062 (11 pages), @2017
456. **Atanassov, K. T.**, Szmidt, E, Kacprzyk, J.. On intuitionistic fuzzy pairs. *Notes on Intuitionistic Fuzzy Sets*, 19, 3, 2013, 1-13  
*Lumupa ce e:*
2485. Atanassova, Vassia ; Lyubka Doukowska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017
2486. Vassilev, P. On similarly structured intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 2, pages 13—16, @2017
2487. Atanassova, V., L. Doukowska, G. De Tré, I. Radeva. Intercriteria analysis and comparison of innovation-driven and efficiency-to-innovation driven economies in the European Union. "Notes on IFS", Volume 23, 2017, Number 3, pages 54—68, @2017
2488. Atanassova, L. Properties of the intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 4, pages 10—14, @2017
2489. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
2490. Atanassova, L. Intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 1, pages 14—20, @2017
2491. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017
2492. Bureva, Veselina; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017
457. **Roeva, O.**, S. Fidanova, M. Paprzycki. Influence of the population size on the genetic algorithm performance in case of cultivation process modelling. *IEEE 2013 Federated Conference on Computer Science and Information Systems*, 2013, ISBN:978-146734471-5, 371-376

Lumupa ce e:

2493. İlknur Kaftan, Interpretation of magnetic anomalies using a genetic algorithm, *Acta Geophysica*, 2017, 1-8., @2017
2494. Ayca Cankorur-Cetinkaya, Joao M. L. Dias, Jana Kludas, Nigel K. H. Slater, Juho Rousu, Stephen G. Oliver, Duygu Dikicioglu, CamOptimus: a tool for exploiting complex adaptive evolution to optimize experiments and processes in biotechnology, *Microbiology*, 2017, DOI 10.1099/mic.0.000477., @2017
2495. Eleftherios Avramidis and Ozgur E. Akman, Optimisation of an exemplar oculomotor model using multi-objective genetic algorithms executed on a GPU-CPU combination, *BMC Systems Biology*, 2017, 11:40, <https://doi.org/10.1186/s12918-017-0416-2>, @2017
2496. Iván García Kerdan, Rokia Raslan, PaulRuysevelt, David Morillón Gálvez, A comparison of an energy/economic-based against an exergoeconomic-based multi-objective optimisation for low carbon building energy design, *Energy*, Volume 128, 1 June 2017, Pages 244-263, @2017
2497. Ward, Joshua, Empirical Genetic Algorithm Parameter Tuning Concerning the Synthesis of Combinational Logic Circuits, West Virginia University, ProQuest Dissertations Publishing, 2017. 10270954., @2017
2498. HEBER VALDO NOGUEIRA, Algoritmo Genético Compacto com Dominância para Seleção de Variáveis, UNIVERSIDADE FEDERAL DE GOIÁS, INSTITUTO DE INFORMÁTICA, Goiânia, 2017, @2017
2499. Milad Janalipour and Ali Mohammadzadeh, A Fuzzy-GA Based Decision Making System for Detecting Damaged Buildings from High-Spatial Resolution Optical Images, *Remote Sensing*, 2017, 9(4), 349; doi:10.3390/rs9040349, @2017
2500. Najem M., Benoit P., El Ahmad M., Sassatelli G., Torres L, A Design-Time Method for Building Cost-Effective Run-Time Power Monitoring, *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, 2017, 36(7)pp.1153-1166., @2017
2501. Skinner S. N., H. Zare-Behtash, State-of-the-Art in Aerodynamic Shape Optimisation Methods, *Applied Soft Computing*, September 2017, DOI: 10.1016/j.asoc.2017.09.030, @2017
2502. Wang L., Shen J., A Systematic Review of Bio-Inspired Service Concretization, 2017, *IEEE Transactions on Services Computing*, 10(4), art. no.7330016, pp.493-505., @2017
2503. David A. Tomzik, Xun W. Xu, Requirements for a Cloud-based Control System Interacting with Soft Bodies, *Mechatronics and Machine Vision in Practice*, 21-23rd November 2017, 88-92, ISBN:978-1-5090-6545-5., @2017
2504. Ivan Garcia Kerdan, Optimisation of building energy retrofit strategies using dynamic exergy analysis and exergoeconomics, PhD Thesis, Energy Institute, The Bartlett School of Environment, Energy and Resources, University College London, 2017, @2017
2505. S. M. Hatim, I. A. Mohtar, Comparison of Genetic Algorithm Components and Selection Variants in Unlawful Behavior Detection of Hand Movement, *Journal of Fundamental and Applied Sciences*, Special Issue, 2017, 9(5S), 423-438, doi: <http://dx.doi.org/10.4314/jfas.v9i5s.30>, @2017
2506. Riham Moharam, Ehab Morsy, Genetic algorithms to balanced tree structures in graphs, *Swarm and Evolutionary Computation*, Accepted 20 June 2016, Volume 32, February 2017, Pages 132-139, @2017
2507. JG Lagarteja, BD Gerardo, RP Medina, Application of the Improved Genetic Algorithm for Soil Classification according to Series, *International Conference on Arts, Social Sciences, Humanities and Interdisciplinary Studies (ASSHIS-17)* Sept. 18-19, 2017 Manila (Philippines), [uruae.org/siteadmin/upload/7781UH0917162.pdf](http://uruae.org/siteadmin/upload/7781UH0917162.pdf), @2017
2508. SS Choong, LP Wong, CP Lim, A dynamic fuzzy-based dance mechanism for the bee colony optimization algorithm, *Computational Intelligence*, 2017, 1-26, <https://doi.org/10.1111/coin.12159>, @2017

458. **Christov I**, Bortolan G, Simova I. Load dependent changes of cardiac depolarization and repolarization during exercise ECG test. *Computing in Cardiology*, 40, 2013, 547-550. SJR:0.63

Lumupa ce e:

2509. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017

459. **Pencheva, T., Angelova, M., Atanassov, K.** Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic. *Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications*, IGI Global, Hershey, Pennsylvania (USA), 2013, ISBN:9781466644502, DOI:10.4018/978-1-4666-4450-2, 327-354

Lumupa ce e:

2510. Ter-Sarkisov A., S. Marsland, K-Bit-Swap: A New Operator for Real-Coded Evolutionary Algorithms, *Soft Computing*, 2017, 21(20), 6133-6142., @2017

460. **Roeva, O., Michalikova, A.** Generalized net model of intuitionistic fuzzy logic control of genetic algorithm parameters. *Notes on Intuitionistic Fuzzy Sets*, 19, 2, 2013, 71-76

Lumupa ce e:

2511. Melin, Patricia ; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
2512. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017
2513. Ангелова, Нора. Програмна реализация на обобщени мрежи и приложения за моделиране. Дисертационен труд, София, 2017, @2017
2514. Eulalia Szmidt, Janusz Kacprzyk, A Perspective on Differences Between Atanassov's Intuitionistic Fuzzy Sets and Interval-Valued Fuzzy Sets, Fuzzy Sets, Rough Sets, Multisets and Clustering, Volume 671 of the series Studies in Computational Intelligence pp 221-237, 2017, @2017

461. Bivolarski V., Vasileva T, Dzahmbazov B., Momchilova, A, Chobert J.M., Ivanova L., Iliev I.. Characterization of glucansucrases and fructansucrases produced by wild strains *Leuconostocmesenteroides* URE13 and *Leuconostocmesenteroides* LM17 grown on glucose medium as a sole carbon source. *Biotechnology& Biotechnological Equipment*, 27, 3, 2013, 9

Lumupa ce e:

2515. Uppuluri K.B., & Harish B.S. "Sucrose transforming enzymes. *Microbial enzyme technology in food applications* 102. 2017, @2017

462. Christov I, Simova I, Abächerli R. Cancellation of the maternal and extraction of the fetal ECG in noninvasive recordings. 40, *Computing in Cardiology*, 2013, 153-156. SJR:0.63

Lumupa ce e:

2516. Rahmati AK, Setarehdan SK, Araabi BN (2017) A PCA/ICA based fetal ECG extraction from mother abdominal recordings by means of a novel data-driven approach to fetal ECG quality assessment. *J. of Biomedical Physics and Engineering*, 334, 14 pages, [http://jbpe.org/Journal\\_OJS/JBPE/index.php/jbpe/article/view/391/334](http://jbpe.org/Journal_OJS/JBPE/index.php/jbpe/article/view/391/334), @2017
2517. Vamshadeepa N, Priyanka HB, Ashwini V (2017) Extraction of fetal ECG from maternal ECG using Least Mean Square Algorithm. *Int. J. of Advanced Networking and Applications*, 8, (4), pp. 36-40, <https://pdfs.semanticscholar.org/e737/fb38a43a62e85ee9415221cdcf50e1a81777.pdf>, @2017
2518. Li Su, Hau-Tieng Wu (2017) Extract fetal ECG from single-lead abdominal ECG by de-shape short time Fourier transform and nonlocal median. *Frontiers in Applied Mathematics and Statistics*, 3, 2 <https://www.frontiersin.org/articles/10.3389/fams.2017.00002/full>, @2017

463. Atanassov, K., Vassilev, P., Tsvetkov, R.. *Intuitionistic Fuzzy Sets, Measures and Integrals*. Първо, Academic Publishing House "Prof. Marin Drinov", 2013, ISBN:978-954-322-709-9, 316

Lumupa ce e:

2519. Melin, Patricia; Gabriela E. Martinez and Radoslav Tsvetkov. Choquet and Sugeno integrals and intuitionistic fuzzy integrals as aggregation operators. "Notes on IFS", Volume 23, 2017, Number 1, pages 95—99, @2017
2520. El Allaoui, A., S. Melliani, Y. Allaoui and L. S. Chadli. Averaging of intuitionistic fuzzy differential equations. "Notes on IFS", Volume 23, 2017, Number 2, pages 44—54, @2017
2521. Melin, Patricia; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
2522. El Allaoui, A., S. Melliani and L. S. Chadli. Representation of complex grades of membership and non-membership for a complex intuitionistic fuzzy sets. "Notes on IFS", Volume 23, 2017, Number 5, pages 51—60, @2017
2523. Sathi Mukherjee (2017) Selection of Alternative Fuels for Sustainable Urban Transportation under Multi-criteria Intuitionistic Fuzzy Environment, In *Fuzzy Information and Engineering*, Volume 9, Issue 1 , 117-135, ISSN 1616-8658, <https://doi.org/10.1016/j.fiae.2017.03.006>., @2017
2524. Lakshmana Gomathi Nayagam Velu, Jeevaraj Selvaraj, and Dhanasekaran Ponnialagan (2017). A New Ranking Principle For Ordering Trapezoidal Intuitionistic Fuzzy Numbers. *Complexity*, vol. 2017, Article ID 3049041, 24 pages, 2017. doi:10.1155/2017/3049041, @2017

464. Stephanova DI, Dimitrov B. *Computational Neuroscience: Simulated Demyelinating Neuropathies and Neuronopathies*. Taylor and Francis Group, CRC Press Inc., Boca Raton, London, New York, 2013, ISBN:978-1-4665-7832-6, 148

Lumupa ce e:

2525. Sarto-Jackson I., Larson D.O., Callebaut W. (2017) Culture, neurobiology, and human behavior: new perspectives in anthropology. *Biology & Philosophy*, 32(5), 729-748, ISSN: 0169-367 (Print), 1572-8404 (Online), @2017

465. **Roeva O.**, Melo–Pinto, P.. Generalized net model of Firefly algorithm. Proceedings of 14th Int. Workshop on Generalized Nets, 2013, 22-27

Lumupa ce e:

2526. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

466. **Roeva, O., Pencheva, T., Shannon, A., Atanassov, A.** Generalized nets in artificial intelligence. Volume 7: Generalized nets and genetic algorithms. Academic Publishing House "Prof. Marin Drinov", 2013

Lumupa ce e:

2527. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

2528. Ангелова Н., Програмна реализация на обобщени мрежи и приложения за моделиране, Дисертация, ИБФБМИ-БАН, София, 2017., @2017

2529. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017

467. Georgiev, N., Bryaskova, R., **Tzoneva, R.**, Ugrinova, I., Detrembleur, C., Miloshev, S., Asiri, A., Quisti, A., Bojinov, V.. A novel pH sensitive water soluble fluorescent nanomicellar sensor for potential biomedical applications. 21, 21, 2013, ISSN:09680896, DOI:10.1016/j.bmc.2013.08.064, 6292-6302. SJR:0.874

Lumupa ce e:

2530. Huang H., Chauhan S., Geng J., Qin Y., Watson D. F., Lovell J. F. "Implantable Tin Porphyrin-PEG Hydrogels with pH-Responsive Fluorescence". Biomacromolecules, 2017, DOI: 10.1021/acs.biomac.6b01715., @2017

2531. Strobl M., Mayr T., Klimant I., Borisov S. M., "Photostable upconverting and downconverting pH sensors based on combination of a colorimetric NIR indicator and stable inorganic phosphors as secondary emitters". Sensors and Actuators B: Chemical, in press, 2017., @2017

2532. J. Holaza, R. Valo, M. Klaučo. "A novel approach of control design of the pH in the neutralization reactor". 21st International Conference on Process Control (PC), IEEE Xplore: 17 July, 2017, @2017

2533. Y. Wang, Y. Zhu, J. Huang, J. Cai, J. Zhu, X. Yang, J. Shen, C. Li. "Perovskite quantum dots encapsulated in electrospun fiber membranes as multifunctional supersensitive sensors for biomolecules, metal ions and pH". Nanoscale Horiz., 2017, 2, 225-232., @2017

2534. Photo-switchable and self-erasable fluorescent nanoprobe, K Sou, LY Chan, CLK Lee - Journal of Photochemistry and Photobiology A: Chemistry, @2017

2535. Stephen Opeyemi Aderinto, Han Zhang, Huilu Wu, Chengyong Chen, Jiawen Zhang, Hongping Peng, Zaihui Yang, Fei Wang "Synthesis and studies of two proton–receptor fluorescent probes based on 1, 8-naphthalimide". Coloration technology, 2017, Volume 133, Issue 1, Pages 40–49, @2017

2536. Jianbin Chao, Huijuan Wang, Yongbin Zhang, Caixia Yin, Fangjun Huo, Kailun Song, Zhiqing Li, Ting Zhan, Yaqin Zhao, "A novel "donor- $\pi$ -acceptor" type fluorescence probe for sensing pH: mechanism and application in vivo", Talanta, 2017 Volume 174, Pages 468-476, @2017

2537. Haoyuan Huang, Saurabh Chauhan, Jumin Geng, Yiru Qin, David F. Watson, and Jonathan F. Lovell, "Implantable Tin Porphyrin-PEG Hydrogels with pH-Responsive Fluorescence". Biomacromolecules, 2017, 18 (2), pp 562–567, @2017

2538. Chunxue Yuan, Yanmin Zhanga, He Xi and Xutang Tao, " An acidic pH fluorescent probe based on Tröger's base". RSC Adv., 2017, 7, 55577-55581, @2017

2539. Juraj Holaza, Richard Valo, Martin Klaučo, " A novel approach of control design of the pH in the neutralization reactor". Process Control (PC), 2017, 21st International Conference on, @2017

2540. Martin Strobl, Torsten MayrIngo Klimant, Sergey M.Borisov, " Photostable upconverting and downconverting pH sensors based on combination of a colorimetric NIR indicator and stable inorganic phosphors as secondary emitters". Sensors and Actuators B: Chemical Volume 245, June 2017, Pages 972-979, @2017

468. **Krumova, S. B.**, Rukova, B., **Todinova, S. J.**, Gartcheva, L., Milanova, V., Toncheva, D., **Taneva, S. G.**. Calorimetric monitoring of the serum proteome in schizophrenia patients. Thermochimica Acta, 572, Elsevier, 2013, DOI:10.1016/j.tca.2013.09.015, 59-64. ISI IF:2.105

Lumupa ce e:

2541. Sarah K. Kendrick, Qi Zheng, Nichola C. Garbett, Guy N. Brock, Application and interpretation of functional data analysis techniques to differential scanning calorimetry data from lupus patients, PloS One, Published: November 9, 2017, <https://doi.org/10.1371/journal.pone.0186232>, @2017

2542. Farkas, P; Konczol, F; Lorinczy, D, Cyclophosphamide-induced changes in plasma and red blood cells detected by differential scanning calorimetry (DSC) in guinea pigs, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 127 Issue: 2 Pages: 1239-1243, DOI: 10.1007/s10973-016-5442-6 Published: FEB 2017, @2017
2543. Farkas P., Könczöl F., Lőrinczy D., New possibilities of application of DSC as a new clinical diagnostic method. Journal of Thermal Analysis and Calorimetry, 2017, 1-11, @2017
2544. Garbett N.C., Brock G.N., Chaires J.B., Mekmaysy C.S., DeLeeuw L., Sivils K.L., Harley J.B., Rovin B.H., Kulasekera K.B., Jarjour W.N., Characterization and classification of lupus patients based on plasma thermograms. PLoS One. 2017 Nov 17;12(11):e0186398., @2017
2545. Kędra-Królik K., Chmielewska I., Michnik A. & Zarzycki P., Blood Serum Calorimetry Indicates the Chemotherapeutic Efficacy in Lung Cancer Treatment. Scientific Reports 7(1), 16796-16796, @2017
2546. D. Lőrinczy, Thermal analysis in biological and medical applications. Journal of Thermal Analysis and Calorimetry, 2017, 130 (3) 1253-1262 DOI: 10.1007/s10973-017-6308-2, @2017
2547. Michnik A., Sadowska-Krepa E., Domaszewski P., Duch K., Pokora I. Blood serum DSC analysis of well-trained men response to CrossFit training and green tea extract supplementation, 2017, 41, 1–10 doi:10.1007/s10973-017-6346-9, @2017
469. Christova, N., Tuleva, B., Kril, A., Georgieva, M., Konstantinov, S., Terziyski, I., **Nikolova B.**, Stoineva, I.. Chemical structure and in vitro antitumor activity of rhamnolipids from *Pseudomonas aeruginosa* BN10.. Appl. Biochem. Biotechnol., 170, 3, 2013, 676-689. ISI IF:1.687
- Lumupa ce e:
2548. Aleksic, I., Petkovic, M., Jovanovic, M., Miliwojevic, D., Vasiljevic, B., Nikodinovic-Runic, J., Senerovic, L. Anti-biofilm Properties of Bacterial Di-Rhamnolipids and Their Semi-Synthetic Amide Derivatives. Front. Microbiol., 08 December 2017 | <https://doi.org/10.3389/fmicb.2017.02454>., @2017
2549. Gupta, S., Varshney, R., Jha, R. In Vitro Apoptosis Induction in a Human Prostate Cancer Cell Line by Thermotolerant Glycolipid from *Bacillus licheniformis* SV1. J Surfact Deterg, doi:10.1007/s11743-017-1986-0, 2017., @2017
2550. Briard B., Rasoldier V., Bomme P., ElAouad N., Guerreiro C., Chassagne P., Muszkietta L., Latgé J-P., Mulard L., Beauvais A. Dirhamnolipids secreted from *Pseudomonas aeruginosa* modify anjpeungal susceptibility of *Aspergillus fumigatus* by inhibiting  $\beta$ 1, 3 glucan synthase activity. ISME Journal advance online publication 24 March 2017;doi: 10.1038/ismej.2017.32., 2017., @2017
2551. Rodrigues, A., Gudiña, E., Teixeira, J., Rodrigue, L., Sodium chloride effect on the aggregation behaviour of rhamnolipids and their antifungal activity, Scientific Reports | 7: 12907 | DOI:10.1038/s41598-017-13424-x, 2017., @2017
2552. Joy S., Butalia T., Sharma S., Rahman P.K.S.M. Biosurfactant Producing Bacteria from Hydrocarbon Contaminated Environment. In: Heimann K., Karthikeyan O., Muthu S. (eds) Biodegradation and Bioconversion of Hydrocarbons. Environmental Footprints and Eco-design of Products and Processes. Springer, Singapore, 2017., @2017
2553. Chen, J., Wu, Q., Hua, Y. Huawei, C., Hong, Zh., Wange Potential applications of biosurfactant rhamnolipids in agriculture and biomedicine, Appl Microbiol Biotechnol <https://doi.org/10.1007/s00253-017-8554-4>, 2017, @2017
2554. Mnif, I., Ellouz-Chaabouni, S., Ghribi, D., Glycolipid Biosurfactants, Main Classes, Functional Properties and Related Potential Applications in Environmental Biotechnology, J Polym Environ <https://doi.org/10.1007/s10924-017-1076-4>, 2017., @2017
2555. Perinelli, DR., Vllasaliu, D., Bonacucina, G., Come B., Pucciarellid, S., Ricciutellia, M., Cespia, M., Itrie, R., Spinozzic, F., Palmieria, G., Casettarif, L., Rhamnolipids as epithelial permeability enhancers for macromolecular therapeutics, Eur. J. Pharmac. Biopharmaceutics, 119, 419-425, 2017, @2017
2556. Govindarajan, M., Amphiphilic glycoconjugates as potential anti-cancer chemotherapeutics- Eur. J. Med. Chem., 2017., @2017
2557. G Liu, H Zhong, X Yang, Y Liu, B Shao, Z Liu, Advances in applications of rhamnolipids biosurfactant in environmental remediation: A review, Biotechnol Bioeng. Dec 14. doi: 10.1002/bit.26517. [Epub ahead of print], 2017., @2017
470. **Atanassova, V., Marinov, E.,** Velizarova, E., Sotirova, E., **Atanassov, K.** Clearcutting as a forest fire prevention measure. A generalized net model. Proc of 14th Int. Workshop on Generalized Nets, Burgas, 29–30 November 2013, 2013, 11-16
- Lumupa ce e:
2558. Garcia-Jimenez, S., Jurio, A., Pagola, M., De Miguel, L., Barrenechea, E., & Bustince, H. (2017). Forest fire detection: A fuzzy system approach based on overlap indices. Applied Soft Computing, 52, 834-842. <http://www.sciencedirect.com/science/article/pii/S1568494616305002>, @2017
2559. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

471. Banuelos S., Lectez B., **Taneva S.G.**, Ormaza G., Alonso-Marino M., Calle X., Urbaneja M.A.. Recognition of intermolecular G-quadruplexes by full length nucleophosmin. Effect of a leukaemia-associated mutation. FEBS Letters, 587, 14, 2013, ISSN:0014-5793, DOI:10.1016/j.febslet.2013.05.055, 2254-2259. ISI IF:3.341  
[Lumupa ce e:](#)  
2560. Satkunanathan, S; Thorpe, R; Zhao, Y The function of DNA binding protein nucleophosmin in AAV replication VIROLOGY 2017, 510, 46-54, @2017  
2561. Hanley, ML; Yoo, TY; Sonnett, M; Needleman, DJ; Mitchison, TJ, Chromosomal passenger complex hydrodynamics suggests chaperoning of the inactive state by nucleoplamin/nucleophosmin MOLECULAR BIOLOGY OF THE CELL, 2017, 28 (11) 1444-1456, @2017
472. Bryaskova, R., Georgieva, N., **Andreeva, T., Tzoneva, R.** Cell adhesive behavior of PVA-based hybrid materials with silver nanoparticles.. Surface & Coatings Technology, 235, Elsevier, 2013, ISSN:0257-8972, DOI:10.1016/j.surfcoat.2013.07.032, 186-191. ISI IF:2.199  
[Lumupa ce e:](#)  
2562. PVA-Based Hydrogels for Tissue Engineering: A Review, A Kumar, SS Han - International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66(4), 159-182., @2017  
2563. K. Nešović, V, Kojić, K. Y. Rhee, V. Miskovic-Stankovic. "Electrochemical synthesis and characterization of silver doped poly(vinyl alcohol)/chitosan hydrogels". CORROSION, 08 22, 2017., @2017
473. **Dobrikova, A., Vladkova, R., Stanoeva, D., Popova, A., Velitchkova, M.** Effects of 24-epibrassinolide pre-treatment on UV-B-induced changes in the pigment content of pea leaves. C. R. Acad. Bulg. Sci., 66, 4, BAH, BAS, 2013, 543-550. SJR:0.21, ISI IF:0.284  
[Lumupa ce e:](#)  
2564. Vardhini BV (2017) Modifications of morphological and anatomical characteristics of plants by application of brassinosteroids under various abiotic stress conditions - A review. Plant Gene, Volume 11, Part B, 70-89. <https://doi.org/10.1016/j.plgene.2017.06.005>, @2017
474. Dobrev D, **Neycheva T.** Analog Approach for Common Mode Impedance Balance in Two-electrode Biosignal Amplifiers. Annual Journal of Electronics, 7, Technical University of Sofia, 2013, ISSN:1314-0078, 68-71  
[Lumupa ce e:](#)  
2565. Parente, FR, Di Giovanni S, Ferri G, Stornelli V, Pennazza G, Santonico M (2017) An electrode impedance balanced interface for biomedical application. In AISEM Annual Conference on Sensors and Microsystems, pp. 289-294. Springer, [https://link.springer.com/chapter/10.1007/978-3-319-66802-4\\_36](https://link.springer.com/chapter/10.1007/978-3-319-66802-4_36)., @2017
475. **Todorova, L., P. Vassilev,** V. Ignatova. A Generalized Net Model for Assessment of the Degree of Disability in Patients with Multiple Sclerosis based on the Abnormalities of Visual Evoked Potentials. 2013  
[Lumupa ce e:](#)  
2566. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
476. **Nikolova, B., Kostadinova, A.,** Dimitrov, B., **Zhelev Z.,** Bakalovab., Aoki I., Tsuneo Saga, **Tsoneva I.,** Fluorescent Imaging for Assessment of the Molecular Mechanisms of Combined Application of Electroporation and Rifampicin on HaCaT Cells as a New Therapeutic Approach in Psoriasis. Sensors, 3, 13, Sensors (Basel, Switzerland), 2013, ISSN:ISSN 1424-8220, DOI:10.3390/s130303625, 3625-3634. ISI IF:1.739  
[Lumupa ce e:](#)  
2567. Mahal K, Ahmad A, Schmitt F, Lockhauserbäumerc J, Starzc K, Pradhand R, Padhyed S, Sarkarb F H., Kokoe W S, Schoberta R, Ersfeldc K, Biersack B. Improved anticancer and antiparasitic activity of new lawsone Mannich bases. Eur. J. Medicinal Chem. 126, 421–431, 2017., @2017
477. Yang, C, Ambrosio M, Anvidson K, Barlow S, Boobis A, Checheva M, Cronin M., Felter S, Fioravanzo E, Hollnagel H, Hristozov D, Jacobs K, Keller D, Mostrag-Szylchtying A, Nelms M, Rathman J, Richarz A, **Tsakovska I,** Vidry S, Vitcheva V, Worth A.. Development of new COSMOS oRepeatDose and non-cancer Threshold of Toxicological Concern (TTC) databases to support alternative testing methods for cosmetics related chemicals. Toxicology Letters, 2013, ISI IF:3.355

Lumupa ce e:

2568. Thomas Hartung, Thresholds of Toxicological Concern—Setting a Threshold for Testing Below Which There Is Little Concern, ALTEX 34(3), 2017: 331-351., @2017

478. **Todorova L., Vassilev P, Matveev M, Krasteva V, Jekova I, Hadjitodorov S,** Georgiev G, Milanov S. Generalized net model of a protocol for weaning from mechanical ventilation. Comptes rendus de l'Académie bulgare des Sciences, 66, 10, 2013, ISSN:1310–1331, 1385-1392. SJR:0.21, ISI IF:0.284

Lumupa ce e:

2569. Zoteva, D, M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol. 13, 2017, 1-60, @2017

479. **Dobrikova, A.G.,** Krasteva, V., **Apostolova, E.L.**. Damage and protection of the photosynthetic apparatus from UV-B radiation. I. Effect of ascorbate. J. Plant Physiology, 170, 3, 2013, DOI:doi: 10.1016/j.jplph.2012.10.002, 251-257. SJR:1.004, ISI IF:2.557

Lumupa ce e:

2570. Stefi A.L., Margaritis L.H., Christodoulakis N.S. , The effect of the non ionizing radiation on exposed, laboratory cultivated upland cotton (*Gossypium hirsutum* L.) plants, Flora, 226, 2017, 55–64., @2017

480. **Velithckova, M,** Doltchinkova, V, Lazarova, D, Mihailova, G, Doncheva, S, Georgieva, K. Effect of high temperature on dehydration-induced alterations in photosynthetic characteristics of the resurrection plant *Haberlea rhodopensis*. Photosynthetica, 51, 2013, ISSN:0300-3604, DOI:10.1007/s11099-013-0063-9, 630-640. ISI IF:1.409

Lumupa ce e:

2571. Almousa, Mohammad Adel (2017) PhD thesis, Effect of high leaf temperature and nitrogen concentration on barley (*Hordeum vulgare* L.) photosynthesis and flowering. Univ. Glasgow, UK, @2017

481. **Fratev, F.,** Jónsdóttir, S.O., **Pajeva, I.**. Structural insight into the UNC-45-Myosin complex.. Proteins-Structure Function and Bioinformatics, 81, 7, 2013, 1212-1221. ISI IF:2.921

Lumupa ce e:

2572. RJ Strawbridge, A Silveira, M den Hoed, S Gustafsson, J Luan, D Rybin, J Dupuis, R Li-Gao, M Kavousi, A Dehghan, K Haljas, J Lahti, JR Gådin, A Bäcklund, U de Faire, K Gertow, P Giral, A Goel, SE Humphries, S Kurl, C Langenberg, LL Lannfelt, L Lind, CCM Lindgren, E Mannarino, DO Mook-Kanamori, AP Morris, R de Mutsert, R Rauramaa, P Saliba-Gustafsson, B Sennblad, AJ Smit, AC Syvänen, E Tremoli, F Veglia, B Zethelius, HM Björck, et al. Study group identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation, *Atherosclerosis*, 266, pp.196-204 2017, @2017

2573. Bujalowski, P. J., Nicholls, P., Garza, E. and Oberhauser, A. F. (), The central domain of UNC-45 chaperone inhibits the myosin power stroke. *FEBS Open Bio*. doi:10.1002/2211-5463.12346, @2017

482. **Pajeva, I,** Hanl, M., Wiese, M.. Protein contacts and ligand binding in the inward-facing model of human P-glycoprotein. *ChemMedChem.*, 8, 5, 2013, 748-762. ISI IF:3.046

Lumupa ce e:

2574. Meng T., Lu B., Shao S., Yuan M., Liu X., Yuan H., Huang X., Hu F. Sequential therapy with redox-responsive glucolipid nanocarrier separately delivering siRNA and doxorubicin to overcome multidrug resistance, *International Journal of Pharmaceutics*, 534 (1-2), pp.368-377, 2017, @2017

2575. Tip W. Loo, David M. Clarke, A short cross-linker activates human P-glycoprotein missing a catalytic carboxylate, In *Biochemical Pharmacology*, 2017, ISSN 0006-2952, @2017

2576. Ferreira, R. J., Bonito, C. A., Ferreira, M. J. U. and dos Santos, D. J.V.A. (2017), About P-glycoprotein: a new drugable domain is emerging from structural data. *WILEY INTERDISCIPLINARY REVIEWS-COMPUTATIONAL MOLECULAR SCIENCE*, 7 (5):10.1002/wcms.1316 SEP-OCT 2017, @2017

483. **Pehlivanova, V.,** Krasteva, V., Seifert, B., Lützow, K., **Tsoneva, I.,** Becker, T., Richau, K., Lendlein, A., **Tzoneva, R.**. The role of ac electric field for cell adhesion on 2D and 3D biomimetic scaffolds based on polymer materials and adhesive proteins. *Journal of Materials Research*, 28, 16, 2013, 2180-2186. ISI IF:1.815

Lumupa ce e:

2577. Yomaira L. Uscátegui, Said J. Arévalo-Alquichire, José A. Gómez-Tejedor, Ana Vallés-Lluch, Luis E. Díaz, Manuel F. Valero, "Polyurethane-based bioadhesive synthesized from polyols derived from castor oil (*Ricinus communis*) and low concentration of chitosan". Journal: Journal of Materials Research / Volume 32 / Issue 19 / 16 October 2017 <https://doi.org/10.1557/jmr.2017.371> Published online: 25 September 2017, pp. 3699-371, @2017
2578. Yomaira L. Uscátegui, Said J. Arévalo-Alquichire, José A. Gómez-Tejedor, Ana Vallés-Lluch, "Polyurethane-based bioadhesive synthesized from polyols derived from castor oil (*Ricinus communis*) and low concentration of chitosan". Journal of material research, 2017, @2017

484. **Nikolova, B.,** Kostadinova, A., Dimitrov, B., **Zhelev, Z.,** Bakalova, R., Aoki, I., **Tsoneva, I.** Fluorescent Imaging for Assessment of the Molecular Mechanisms of Combined Application of Electroporation and Rifampicin on HaCaT Cells as a New Therapeutic Approach in Psoriasis., Sensors, 13., 2013, 3625-3634. ISI IF:1.739

Цитира се в:

2579. K Mahal, A Ahmad, F Schmitt, Lockhauserbäumerc J, Starzc K, Pradhand R, Padhyed S, Sarkarb F H., Kokoe W S, Schoberta R, Ersfeldc K, Biersack B. Improved anticancer and antiparasitic activity of new lawsone Mannich bases. Eur. J. Medicinal Chem. 126, 421–431, 2017., @2017

485. Fioravanzo, E., Bassan, A, Cronin, M.T.D., Kovarich, S., Manelfi, C., Richarz, A.-N., **Tsakovska, I.,** Worth, A.P.. Molecular modelling of LXR binding to evaluate the potential for liver steatosis. Toxicology Letters, 221, supplement, Elsevier B.V., 2013, ISSN:0378-4274, DOI:10.1016/j.toxlet.2013.05.092, S83-S83. SJR:1.25, ISI IF:3.858

Цитира се в:

2580. OECD Environment Directorate. Chemical safety assessment workflow based on exposure considerations and non-animal methods. Series on Testing & Assessment No. 275, ENV/JM/MONO(2017)27, @2017

---

## 2014

---

486. Кенаров П., **Момчилова А.,** Аная Ф., Воинов В., **Александров А.,** Цончев З., Даскалов М.. Терапевтична афереза с нанотехнологична мембрана при заболявания у човека. Първо, Първи, Университетско издателство "Св.Климент Охридски", 2014, ISBN:978 954 07 3776 8, 155

Цитира се в:

2581. 100 ГОДИНИ МЕДИЦИНСКИ ФАКУЛТЕТ (1917-2017), Редактор проф. Минчо Георгиев, Катедра по анестезиология и интензивно лечение, Издателска къща "Св. Георги Победоносец" ЕООД, 2017 ISBN 978-619-7283-13-6, 133-138, 2017., @2017

487. **Ribagin, S.** Generalized Net Model of Age-Associated Changes in the Upper Limb Musculoskeletal Structures. Comptes rendus de l'Academie bulgare des Sciences, 67, 11, „Prof. Marin Drinov“ Academic Publishing House, 2014, 1503-1512. ISI IF:0.22

Цитира се в:

2582. Petkov T., Jovcheva P., Tomov Z., Simeonov S., Sotirov S. (2017) A Generalized Net Model of the Neocognitron Neural Network. In: Christiansen H., Jaudoin H., Chountas P., Andreasen T., Legind Larsen H. (eds) Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science, vol 10333. Springer, Cham, @2017

2583. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, Int. J. Bioautomation, 2017, 21(1), 133-144, @2017

488. **Albena Momchilova, Diana Petkova, Galya Staneva, Tania Markovska,** Roumen Pankov, Raliza Skrobanska, Mariana Nikolova-Karakashian, Kamen Koumanov. Resveratrol alters the lipid composition, metabolism and peroxide level in senescent rat hepatocytes. Chem Biol Interact., 207, 2014, DOI:doi: 10.1016/j.cbi.2013.10.016, 74-80. ISI IF:2.577

Цитира се в:

2584. Torono C., Staats S., Pascual-Teresa S.D., Rimbach G., & Schultz C "Fatty acid profile is modulated by dietary resveratrol in rainbow trout (*Oncorhynchus mykiss*) Marine drugs 15(8), 252, 2017, @2017

2585. Charytounik T., Drygalski K., Konstantynowicz-Nowicka K., Berk K. & Chabowski A., "Alternative treatment methods attenuate the development of NAFLD: A review of resveratrol molecular mechanisms and clinical trials. Nutrition 34, 108-117, 2017, @2017

489. **Roeva O.**, Fidanova S., **V. Atanassova**. Hybrid ACO-GA for Parameter Identification of an E. coli Cultivation Process Model. Lecture Notes in Computer Science, 8353, Springer, 2014, 313-320. SJR:0.325  
[Lumupa ce e:](#)  
2586. Miriam Lester, Mining design rationale from software documentation using nature inspired metaheuristics, Wesleyan University, Arts in Computer Science, 2017, @2017
490. Bureva, V., Sotirova, E., **Atanassov, K.** Hierarchical Generalized Net Model of the Process of Clustering. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 11, 2014  
[Lumupa ce e:](#)  
2587. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
491. Celichowski, J., **Raikova , R.**, Aladjov, H., Krutki, P.. Dynamic changes of twitch-like responses to successive stimuli studied by decomposition of motor unit tetanic contractions in rat medial gastrocnemius. Journal of Neurophysiology, 112, The American Physiological Society, 2014, DOI:Print ISSN: 0022-3077 | Online ISSN: 1522-1598, 3116-3124. ISI IF:2.887  
[Lumupa ce e:](#)  
2588. Watanabe W., Fukuhara S., Takeshi Fujinaga T., Oka H. , Estimating the minimum stimulation frequency necessary to evoke tetanic progression based on muscle twitch parameters. Physiological Measurement, 2017, Volume 38, Number 3 , <http://iopscience.iop.org/article/10.1088/1361-6579/aa5bd1/met>, @2017
492. **Keremidarska, M.**, Ganeva, A., Mitev, D., Hikov, T., Presker, R., Pramatarova, L., **Krasteva, N.** Comparative study of cytotoxicity of detonation nanodiamond particles with an osteosarcoma cell line and primary mesenchymal stem cells. Biotechnology and Biotechnological Equipment, 28, 4, 2014, 733-739. ISI IF:0.35  
[Lumupa ce e:](#)  
2589. Uptake and intracellular accumulation of diamond nanoparticles - a metabolic and cytotoxic study, @2017  
2590. Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions, @2017  
2591. Nanodiamonds/poly(vinylidene fluoride) composites for tissue engineering applications, @2017  
2592. Pharmacokinetics of 188Re-nano diamonds complex in mice bearing experimental Ehrlich carcinoma, @2017  
2593. Wang, Q., Hu, W., Cai, L., Huang, Y., Qian, Z. 2017. Nanomedicines in bone cancer-from diagnostics to therapies. Journal of Biomedical Nanotechnology. 13 (8), pp. 911-930., @2017  
2594. Nanodiamond: A high impact nanomaterial, @2017
493. **Fratev F.**, E. Mihaylova, **I. Pajeva.** Combination of genetic screen and molecular dynamics as a useful tool for identification of diseases-related mutations: ZASP PDZ domain G54S mutation case. J. Chem. Inf. Model., 54, 5, ACS, 2014, 1524-1536. ISI IF:3.657  
[Lumupa ce e:](#)  
2595. Bang, M.-L., Animal Models of Congenital Cardiomyopathies Associated With Mutations in Z-Line Proteins. J. Cell. Physiol.. 232 ( 1 ) pp. 38 - 52 . doi: 10.1002/jcp.25424, @2017
494. **Angelova, M., Pencheva, T.** Genetic Operators' Significance Assessment in Multi-population Genetic Algorithms. International Journal of Metaheuristics, 3, 2, 2014, ISSN:1755-2176, 162-173  
[Lumupa ce e:](#)  
2596. Yang Y., H. Cong, P. Jiang, F. Feng, P. Zhang, Y. Li, J. Hao, Desiccant Wheel System Modeling Improvement Using Multiple Population Genetic Algorithm Training of Neural Network, Drying Technology, 2017, 35(14), 1663-1674., @2017
495. Wiese M., **Pajeva I.K.** HAGE, the helicase antigen as a biomarker for breast cancer prognosis (WO2013144616). 2014, ISI IF:4.626

Lumupa ce e:

2597. T. Talwar. Biochemical Characterization of DDX43 (HAGE) Helicase. Thesis, Department of Biochemistry, University of Saskatchewan , Saskatoon, Canada, March, 2017, @2017

496. **Mladenov I.**, Marinov P., **Hadzhilazova M.**. Elastic Spirals. AIP Conf. Proc., 1629, 2014, DOI:10.1063/1.4902306, 437-443

Lumupa ce e:

2598. Castro I., Castro-Infantes I. and Castro-Infantes J., *Mediterr. J. Math.* (2017) 14:108, DOI 10.1007/s00009-017-0912-z, @2017

497. **Atanassov, K. T.**. Index Matrices: Towards an Augmented Matrix Calculus. Studies in Computational Intelligence Series, 573, Springer, 2014, ISBN:978-3-319-10944-2, DOI:10.1007/978-3-319-10945-9, 110

Lumupa ce e:

2599. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017

2600. Vassilev, P., S. Ribagin and L. Todorova. On an aggregation of expert value assignments using index matrices. "Notes on IFS", Volume 23, 2017, Number 4, pages 75—78, @2017

2601. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017

2602. Sotirova, E., V Bureva, I Markovska, S Sotirov, D Vankova, Application of the InterCriteria Analysis Over Air Quality Data, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, pp 226-235, 2017., @2017

2603. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

2604. Shen, KY, SK Hu, GH Tzeng. Financial modeling and improvement planning for the life insurance industry by using a rough knowledge based hybrid MCDM model, *Information Sciences*, Volume 375, 1 Pages 296-313, 2017., @2017

2605. Doukovska, L., V Atanassova, D Mavrov, I Radeva, Intercriteria Analysis of EU Competitiveness Using the Level Operator  $N_\gamma$ , International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Proceedings of the Conference of the European Society for Fuzzy Logic and Technology, IWIFSGN 2017, EUSFLAT 2017: Advances in Fuzzy Logic and Technology 2017, Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 641), pp 631-647, 2017., @2017

2606. Sotirov, S., V Atanassova, E Sotirova, V Bureva, D Mavrov, Application of the Intuitionistic Fuzzy InterCriteria Analysis Method with Triples to a Neural Network Preprocessing Procedure, 16th World Congress of the International Fuzzy Systems Association (IFSA), 9th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT), pp 1559-1564, 2017, @2017

2607. Bureva, V., A Michalíková, E Sotirova, S Popov, B Riečan, O Roeva, Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic, *Notes on Intuitionistic Fuzzy Sets*, 21st ICIFS, 22–23 May 2017, Burgas, Bulgaria, Vol. 23, No. 2, 128–140, 2017. Print ISSN 1310–4926, Online ISSN 2367–8283., @2017

2608. Nayagam, VLG, S Jeevaraj, P Dhanasekaran, An intuitionistic fuzzy multi-criteria decision-making method based on non-hesitance score for interval-valued intuitionistic fuzzy sets, *Soft Computing*, Volume 21, Issue 23, pp 7077–7082, 2017., @2017

498. **Roeva, O.**, Slavov, T., S. Fidanova. Population-based vs. Single Point Search Meta-heuristics for a PID Controller Tuning. Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications, 1, IGI Global, 2014, DOI:10.4018/978-1-4666-4450-2.ch007, 200-233

Lumupa ce e:

2609. Pandian Vasant, Utku Kose, and Junzo Watada, Metaheuristic Techniques in Enhancing the Efficiency and Performance of Thermo-Electric Cooling Devices, *Energies* 2017, 10(11), 1703; doi:10.3390/en10111703, @2017

499. **Dimitrova, D.Z.**, Kubat, P., Dimitrov, S., Belokonski, E., Bogoeva, V.. Photophysical characterisation and studies of the effect of palladium(II) 5,10,15,20-tetrakis-(4-sulfonatophenyl)-porphyrin on isometric contraction of isolated human mesenteric artery: good news for photodynamic therapy. *Photodiagnosis and photodynamic therapy*, 11 (3), 11 (3), 2014, 391-399. ISI IF:2.656

Lumupa ce e:

2610. Rao, Kanusu Umamaheswara , Lakshmidhevi, Jangam, Appa, Rama Moorthy , Prasad, Sana Siva , Narasimhulu, Machala , Vijitha, Raagala , Rao, Kumhari Subba Venkata Krishna, Venkateswarlu, Katta . "Palladium(II)-Porphyrin Complexes as Efficient and Eco-Friendly Catalysts for Mizoroki-Heck Coupling". *Chemistry Select* 2(24):7394-7398, 2017, DOI10.1002/slct.201701413, @2017

500. S. Fidanova, M. Paprzycki, **Roeva, O.** Hybrid GA-ACO Algorithm for a Model Parameters Identification Problem. IEEE 2014 Proceedings of the Federated Conference on Computer Science and Information Systems, 2014, ISBN:978-836081058-3, DOI:DOI: 10.15439/2014F373, 413-420  
Lumupa ce e:  
2611. Jayanth J., Shalini V.S., Ashok Kumar T., Koliwad S., Classification of remote sensed data using hybrid method based on ant colony optimization with electromagnetic metaheuristic, Current Science, 113(2), 2017, pp.284-291., @2017
501. **Todinova, S. J., Krumova, S. B.**, Radoeva, R., Gartcheva, L., **Taneva, S.G.**. Calorimetric Markers of Bence Jones and Nonsecretory Multiple Myeloma Serum Proteome. Analytical Chemistry, 86, 24, 2014, DOI:10.1021/ac503677d, 12355-12361. ISI IF:5.636  
Lumupa ce e:  
2612. Zsuzsanna Szalai, Tamás F. Molnár, Dénes Lőrinczy, Role of differential scanning calorimetry (DSC) in the staging of COPD, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 127 Issue: 2 Pages: 1231-1238 Published: FEB 2017, @2017  
2613. Kędra-Królik K., Chmielewska I., Michnik A. & Zarzycki P., Blood Serum Calorimetry Indicates the Chemotherapeutic Efficacy in Lung Cancer Treatment. Scientific Reports 7(1), 16796-16796, @2017
502. Marinov P., **Hadzhilazova M., Mladenov I.** Elastic Sturmian Spirals. C. R. Acad. Bulgare Sci., 67, 2014, 167-172. ISI IF:0.28  
Lumupa ce e:  
2614. Castro I., Castro-Infantes I. and Castro-Infantes J., Mediterr. J. Math. (2017) 14:108 DOI 10.1007/s00009-017-0912-z, @2017
503. **Krumova, S. B.**, Várkonyi, Zs., Lambrev, P.H., Kovács, L., **Todinova, S. J., Busheva, M., Taneva, S. G.**, Garab, G.. Heat- and light-induced detachment of the light-harvesting antenna complexes of photosystem I in isolated stroma thylakoid membranes. Journal of Photochemistry and Photobiology B: Biology, 137, Elsevier, 2014, DOI:http://dx.doi.org/10.1016/j.jphotobiol.2014.04.029, 4-12. ISI IF:2.96  
Lumupa ce e:  
2615. Ivanov, AG; Velitchkova, MY; Allakhverdiev, SI; Huner, NPA, Heat stress-induced effects of photosystem I: an overview of structural and functional responses, PHOTOSYNTHESIS RESEARCH Volume: 133 Issue: 1-3 Pages: 17-30 Special Issue: SI DOI: 10.1007/s11120-017-0383-x Published: SEP 2017, @2017
504. **Christov I.**, Simova I, Abacherly R. Extraction of the fetal ECG in noninvasive recordings by signal decompositions. Physiological measurement, 35, 2014, 1713-1721. SJR:2.11, ISI IF:1.8  
Lumupa ce e:  
2616. Li Su, Haw-Tieng Wu (2017) Extract fetal ECG from single-lead abdominal ECG by de-shape short time Fourier transform and nonlocal median. Frontiers of Applied Mathematics and Statistics, 3, (2), 26 pages, https://doi.org/10.3389/fams.2017.00002, @2017  
2617. Kamdi T, Pathan N, Bhure S (2017) A non-invasive method for extraction of fetal heart sound signals using a statistical tool. Int. J. on Recent and Innovation Trends in Computing and Communication, 5, (3), pp. 41-44, https://pdfs.semanticscholar.org/3d41/91fb3d3dec83d3dbee6a0c9f2d3ba39a8ed7.pdf, @2017  
2618. Tsui Sheng-Yang, Chien-Sheng Liu, Chii-Wann Lin (2017) Modified maternal ECG cancellation for portable fetal heart rate monitor. Biomedical Signal Processing and Control, 32, pp 76-81, http://www.sciencedirect.com/science/article/pii/S1746809416301793, @2017
505. Vassilev V., Djondjorov P., Atanassov E., **Hadzhilazova M., Mladenov I.** Explicit Parametrizations of Willmore Surfaces. AIP Conf. Proc., 1629, 2014, DOI:doi: 10.1063/1.4902274, 201-206. SJR:0.16  
Lumupa ce e:  
2619. Zhou X, arxiv:1708.07724v1 (2017)., @2017

506. Dobrikova, A., Vladkova, R., Rashkov, G., Todinova, S. J., Krumova, S. B., Apostolova, E.. Effects of exogenous 24-epibrassinolide on the photosynthetic membranes under non-stress conditions. *Plant Physiology and Biochemistry*, 80, Elsevier, 2014, DOI:<http://dx.doi.org/10.1016/j.plaphy.2014.03.022>, 75-82. SJR:0.903, ISI IF:2.756

Lumupa ce e:

2620. Shu, H. M., Guo, S. Q., Gong, Y. Y., Jiang, L., Zhu, J. W., Ni, W. C. RNA-seq analysis reveals a key role of brassinolide-regulated pathways in NaCl-stressed cotton, *Biologia Plantarum*, 2017, 61(4), 667–674 . DOI: 10.1007/s10535-017-0736-5, @2017

2621. Holá Dana (2017) Photosynthetic characteristics in plant breeding: targets, options and limitations. DSc Thesis, Univerzita Karlova, Prague, Czech Republic., @2017

2622. Gupta P, Srivastava S, Seth CS (2017) 24-Epibrassinolide and Sodium Nitroprusside alleviate the salinity stress in *Brassica juncea* L. cv. Varuna through cross talk among proline, nitrogen metabolism and abscisic acid, *Plant and Soil*, 411 (1-2) 483-498. DOI 10.1007/s11104-016-3043-6, @2017

2623. Ajjiboeye OO, Lu C, Murchie EH, Schlatter C, Swart G, Ray RV (2017) Altered gene expression by sedaxane increases PSII efficiency, photosynthesis and growth and improves tolerance to drought in wheat seedlings, *Pesticide Biochemistry and Physiology*, 137: 49-61. DOI: 10.1016/j.pestbp.2016.09.008, @2017

2624. Dubey R.K., R.C. Dhaker, S.L. Mundra, R.C. Tiwari, S.K.Dubey, Reena Dubey (2017) Response of Indian mustard to Nutrients and Plant Growth Regulators: The Influence on Yield, Available Soil P Balance and P Recycling through Residues, *Int.J.Curr.Microbiol.App.Sci* 6(8): 3319-3331, @2017

2625. Pocięcha E, Dziurka M, Waligórski P, Krępski T, Janeczko A (2017) 24-Epibrassinolide Pre-Treatment Modifies Cold-Induced Photosynthetic Acclimation Mechanisms and Phytohormone Response of Perennial Ryegrass in Cultivar-Dependent Manner. *JOURNAL OF PLANT GROWTH REGULATION* Volume: 36 Issue: 3 Pages: 618-628 Published: SEP 2017, @2017

2626. Faiçal Brini, Photosynthesis Under Stressful Environmental Conditions: Existing Challenges, November 2017 In book: *Environment and Photosynthesis: A Future Prospect*, Chapter: 5, Publisher: Studium Press (Pvt.), Limited a Joint venture of Studium Press, USA., Editors: Samiksha Singh, pp.68-91, @2017

2627. Janeczko A, Dziurka M, Gullner G, Kocurek M, Rys M, Saja D, Skoczowski A, Tóbiás I, Kornas A, Barna B (2017) Comparative studies of compatible and incompatible pepper–Tobamovirus interactions and the evaluation of effects of 24-epibrassinolide. *Photosynthetica*, online 8 April 2017, DOI: 10.1007/s11099-017-0725-0, @2017

507. Tsakovska, I., Al Sharif, M., Alov, P., Diukendjieva, A., Fioravanzo, E., Cronin, M.T.D., Pajeva, I. Molecular modelling study of the PPAR $\gamma$  receptor in relation to the mode of action/adverse outcome pathway framework for liver steatosis. *International Journal of Molecular Sciences*, 15, 5, MDPI AG, BASEL, SWITZERLAND, 2014, ISSN:1422-0067, DOI:10.3390/ijms15057651, 7651-7666. ISI IF:3.257

Lumupa ce e:

2628. Berggren E, White A, Ouedraogo G, Paini A, Richarz AN, Bois FY, Exner T, Leite S, Grunsven LAV, Worth A, Mahony C. Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. *Comput Toxicol.* 2017, 4, 31-44., @2017

2629. Sengupta S.A. , Tapan K. Maity , Subir Samanta. Synthesis, Biological Screening and in Silico Studies of Chalcone Based Novel Phenyl Urea Derivatives as Potential Antihyperglycemics. *Journal of Pharmaceutical Research*, 2017, 16, 237-246, @2017

2630. OECD Environment Directorate. Chemical safety assessment workflow based on exposure considerations and non-animal methods. OECD Environment, Health and Safety Publications, Series on Testing & Assessment No. 275, ENV/JM/MONO(2017) 27, @2017

508. Jekova I, Krasteva V, Kalaydjiev A, Mudrov Ts, Ménétré S, Didon JP. Respiration detection implemented in multichannel ECG front end module: a preliminary study. *Annual Journal of Electronics*, 8, Technical University - Sofia, 2014, ISSN:1314-0078, 70-73

Lumupa ce e:

2631. Yue-Der Lin, Ya-Hsueh Chien, Yi-Sheng Chen, (2017), Wavelet-based embedded algorithm for respiratory rate estimation from PPG signal, *Biomedical Signal Processing and Control*, Vol. 36, pp. 138–145, doi: <http://doi.org/10.1016/j.bspc.2017.03.009>, ISSN: 1746-8094; N10., @2017

509. Karastoyanov, D. N., Doukovska, L. A., Atanassova, V. K.. Electromagnetic linear micro drives for Braille screen: characteristics, control and optimization. *Proc. of the Third International Conference on Telecommunications and Remote Sensing–ICTRS*, 14, 2014, 26-27

Lumupa ce e:

2632. Leonardis, D., Claudio, L., & Frisoli, A. (2017, July). A Survey on Innovative Refreshable Braille Display Technologies. In International Conference on Applied Human Factors and Ergonomics (pp. 488-498). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-60597-5\\_46](https://link.springer.com/chapter/10.1007/978-3-319-60597-5_46), @2017
510. Sarvari, E., Mihailova, G., Solti, A., Keresztes, A., **Velitchkova, M.**, Georgieva, K.. Comparison of thylakoid structure and organization in sun and shade *Haberlea rhodopensis* populations under desiccation and rehydration. *Journal of Plant Physiology*, 171, 17, 2014, DOI:doi:10.1016/j.jplph.2014.07.015, 1591-1600. SJR:1.004, ISI IF:2.557  
*Lumupa ce e:*
2633. Maria- Cecília D. Costa, Keren Cooper, Henk W.M. Hilhorst, Jill M. Farrant (2017) Orthodox seeds and resurrection plants: Two of a kind? *Plant Physiol.* 175(2) 586-588. DOI:10.1104/pp.17.00760, @2017
511. **Apostolova, E.L.**, Pouneva, I., **Rashkov, G.**, Dankov, K., Grigorova, I., Misra, A.N.. Effect of UV-B radiation on Photosystem II functions in Antarctic and mesophilic strains of a green alga *Chlorella vulgaris* and a cyanobacterium *Synechocystis salina*. *Ind. J. Plant Physiol.*, 19, 2014, ISSN:0019-5502, 111-118. SJR:0.125  
*Lumupa ce e:*
2634. S. Yadav, A.K. Shrivastava, C. Agrawal, S. Sen, A. Chatterjee, S. Rai, R. Rai, S. Singh, L.C. Rai, Impact of UV-B exposure on phytochrome and photosynthetic machinery: From cyanobacteria to plants, In: *UV-B Radiation: from Environmental Stressor to Regulation of Plant Growth*, Eds: V.P. Singh, S. Singh, S.M. Prasad, P. Parihar, John Wiley&Sons Ltd, pp. 259-276., @2017
512. Dang, N. X., **Popova, A.V.**, Hundertmark, M., Hincha, D.K.. Functional characterization of selected LEA proteins from *Arabidopsis thaliana* in yeast and in vitro. *Planta*, 240, 2, 2014, 325-336. ISI IF:3.263  
*Lumupa ce e:*
2635. Liu G., Liu K., Gao Y., Zheng Y., 2017, Involvement of C-Terminal Histidines in Soybean PM1 Protein Oligomerization and Cu<sup>2+</sup> Binding, *Plant Cell Physiol* (2017) 58 (6): 1018-1029, DOI:<https://doi.org/10.1093/pcp/pcx046>, @2017
2636. Saucedo, A.L., Hernández-Domínguez, E.E., De Luna-Valdez, L.A., Guevara-García, A.A., Escobedo-Moratilla, A., Bojorquéz-Velázquez, E., Del Río-Portilla, F., Fernández-Velasco, D.A., Barba De La Rosa, A.P., 2017, Insights on structure and function of a late embryogenesis abundant protein from *amaranthus cruentus*: An intrinsically disordered protein involved in protection against desiccation, oxidant conditions, and osmotic stress, *Frontiers in Plant Science*, 8, 7 April 2017, Article number 497, , @2017
2637. Boothby T.C., Tapia H., Brozena A.H., Piszkiwicz S., Smith A.E., Giovannini I., Rebecchi L., Pielak G.J., Koshland D., Goldstein B., 2017, Tardigrades Use Intrinsically Disordered Proteins to Survive Desiccation, *Molecular Cell*, 65 (6) 975–984., @2017
513. Dobrev D, **Neycheva T.** Current Driven Automatic Electrode Impedance Balance for Ground-free Biosignal Acquisition. *Annual Journal of Electronics*, 8, Technical University of Sofia, 2014, ISSN:1314-0078, 62-65  
*Lumupa ce e:*
2638. Parente, FR, Di Giovanni S, Ferri G, Stornelli V, Pennazza G, Santonico M (2017) An electrode impedance balanced interface for biomedical application. In *AISEM Annual Conference on Sensors and Microsystems*, pp. 289-294. Springer, [https://link.springer.com/chapter/10.1007/978-3-319-66802-4\\_36](https://link.springer.com/chapter/10.1007/978-3-319-66802-4_36), @2017
514. **Todorova, R.** Ewing's sarcoma cancer stem cell targeted therapy.. *Current Stem Cell Research & Therapy*, 9, 1, Bentham Science Publishers, 2014, ISSN:ISSN (Print): 1574-888X ISSN (Online): 2212-3946, DOI:DOI: 10.2174/1574888X08666131203123125, 46-62. SJR:0.66, ISI IF:2.212  
*Lumupa ce e:*
2639. Semeraro M., Pasqualini C., Chaput N. (2018) Immune Biomarkers in Paediatric Malignancies. In: Gray J., Marabelle A. (eds) *Immunotherapy for Pediatric Malignancies*. Springer, Cham. pp 259-273. Chapter. First Online: 22 November 2017. DOI [https://doi.org/10.1007/978-3-319-43486-5\\_12](https://doi.org/10.1007/978-3-319-43486-5_12), @2017
515. Misra, A.N., **Vladkova, R.**, Singh, R., Misra, M., **Dobrikova, A.G.**, **Apostolova, E.L.**. Action and target sites of nitric oxide in chloroplasts. *Nitric Oxide*, 39, 1, 2014, ISSN:10898603, DOI:10.1016/j.niox.2014.04.003, 35-45. SJR:0.933, ISI IF:3.521  
*Lumupa ce e:*

2640. Hardeland R. (2017) Taxon- and Site-Specific Melatonin Catabolism. *Molecules* 22(11), E2015. doi:10.3390/molecules22112015, @2017
2641. Wang T, Yang W, Xie Y, Shi D, Ma Y, Sun X (2017) Effects of exogenous nitric oxide on the photosynthetic characteristics of bamboo (*Indocalamus barbatus* McClure) seedlings under acid rain stress, *Plant Growth Regul.* 82(1), 69–78. doi:10.1007/s10725-016-0239-y, @2017
2642. Hancock JT, Wilson HR, Neill S (2017) Nitric oxide signalling in plants. In: *Encyclopedia of Life Sciences (eLS)*. Wiley. ISBN 9780470015902, @2017
2643. Per TS (2017) Developing Methods for Reducing Adverse Effects of Cadmium Toxicity in Mustard: The Importance of Sulphur and Phytohormones, Dissertation, Department of Botany, Aligarh Muslim University, India, 192p., @2017
2644. Song Y, Dong Y, Tian X, Wang W, He Z (2017) Mechanisms of Exogenous Nitric Oxide and 24-Epibrassinolide in Alleviating Iron Deficiency Stress of Peanut Seedlings. *Pedosphere*, August, DOI: 10.1016/S1002-0160(17)60446-6, @2017
2645. Mwaba IM (2017) Elucidation of the role of NOA1 and myosins in host response to infection by SACMV, Dissertation, Faculty of Science, University of the Witwatersrand, Johannesburg 2017., @2017
2646. Wang T, Yang W, Xie Y, He M, Bu X, Dai L (2017) Effects of exogenous nitric oxide on the physiological characteristics of *indocalamus barbatus* mcclure seedlings under acid rain stress, *Pakistan Journal of Botany*, 49(5): 1663-1672., @2017
516. Vassilev V., Djondjorov P., **Mladenov I.** Lie Group Analysis of the Willmore and Membrane Shape Equations. *Lecture Notes in Applied and Computational Mechanics, Similarity and Symmetry Methods: Applications in Elasticity and Mechanics of Materials*, 73, 2014, DOI:10.1007/978-3-319-08296-7\_7, 365-376. SJR:0.14
- Lumupa ce e:
2647. Toda M., Zhang Z. and Athukorallage B., *Proteins: Structure, Function and Bioinformatics* (2017) DOI 10.1002/prot.25400., @2017
517. **Atanassova, V.**, Doukowska, L., **Atanassov, K.**, Mavrov, D.. Intercriteria Decision Making Approach to EU Member States Competitiveness Analysis. *Proc. Int. Symp. on Business Modeling and Software Design*, 1, 2014, 289-294
- Lumupa ce e:
2648. Bureva, Veselina ; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017
2649. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
518. **Roeva, Olympia**, Michalíková, Alzbeta. Intuitionistic fuzzy logic control of metaheuristic algorithms' parameters via a Generalized net. *Notes on Intuitionistic Fuzzy Sets*, 20, 4, 2014, 53-58
- Lumupa ce e:
2650. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017
2651. Melin, Patricia; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
2652. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017
519. **Krasteva V**, Leber R, **Jekova I**, Schmid R, Abächerli R. Classification of supraventricular and ventricular beats by QRS template matching and decision tree. *Computing in Cardiology*, 41, 2014, ISSN:2325-8861, 349-352
- Lumupa ce e:
2653. Yan Y, Qin X, Wang L, (2017), ECG Annotation and Diagnosis Classification Techniques. In: Xu D., Wang M., Zhou F., Cai Y. (eds) *Health Informatics Data Analysis*. Health Information Science. Springer, Cham, pp. 129-154, DOI: [https://doi.org/10.1007/978-3-319-44981-4\\_9](https://doi.org/10.1007/978-3-319-44981-4_9), ISBN: 978-3-319-44979-1, [https://link.springer.com/chapter/10.1007/978-3-319-44981-4\\_9](https://link.springer.com/chapter/10.1007/978-3-319-44981-4_9); N28., @2017
520. **Petrov M., T. Ilkova**. Modelling and Fuzzy-Decision-Making of Batch Cultivation of *Saccharomyces cerevisiae* using Different Mixing Systems., *Chemical and Biochemical Engineering Quarterly*, 28, 4, 2014, 531-544. ISI IF:0.802
- Lumupa ce e:

2654. Diaconescu R.M., Zaharia C., Neural modeling and optimization of a mechanical-chemical treatment applied for some industrial effluents. A roumanian case study, Chemistry Journal of Moldova, 12(2), pp. 19-27, 2017, @2017
521. **Roeva O., Pencheva T.** Functional State Modelling Approach Validation for Yeast and Bacteria Cultivations. Biotechnology and Biotechnological Equipment, 28, 5, 2014, 968-974. ISI IF:0.3  
Lumupa ce e:
2655. Brüning S., I. Gerlach, R. Pörtner, C.-F. Mandenius, V. C. Hass, Modeling Suspension Cultures of Microbial and Mammalian Cells with an Adaptable Six-Compartment Model, Chemical Engineering Technology, 2017, 40(5), 956-966., @2017
522. Tsibulko V, Iliev I, **Jekova I.** Methods for Detecting Pacemaker Pulses in ECG Signal: A Review. Annual Journal of Electronics, 8, ТУ - София, 2014, ISSN:1314-0078, 77-80  
Lumupa ce e:
2656. Alexander Kalinichenko, Svetlana Motorina, Alexey Uskov, 2017, "Algorithms for ECG Analysis in Mobile Cardiac Monitoring System", PROCEEDING OF THE 20TH CONFERENCE OF FRUCT ASSOCIATION, ISSN 2305-7254, , @2017
523. Pulov V., **Hadzhilazova M., Mladenov I.** Symmetries and Some Special Solutions of the Helfrich Model. Lecture Notes in Applied and Computational Mechanics, Similarity and Symmetry Methods: Applications in Elasticity and Mechanics of Materials, 73, 2014, DOI:10.1007/978-3-319-08296-7\_6, SJR:0.14  
Lumupa ce e:
2657. Toda M., Zhang Z. and Athukorallage B., Proteins: Structure, Function and Bioinformatics (2017) DOI 10.1002/prot.25400., @2017
524. **Atanassov, K., Mavrov, D., Atanassova, V.** Intercriteria decision making: A new approach for multicriteria decision making, based on index matrices and intuitionistic fuzzy sets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 11, 2014, ISBN:978-83-61551-10-2, 1-8  
Lumupa ce e:
2658. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017
2659. Zaharieva, Bistra, Lyubka Doukovska, Simeon Ribagin and Irina Radeva. InterCriteria approach to Behterev's disease analysis. "Notes on IFS", Volume 23, 2017, Number 2, pages 119—127, @2017
2660. Zaharieva, Bistra; Lyubka Doukovska, Simeon Ribagin, Alžbeta Michalíková and Irina Radeva. InterCriteria Analysis of Behterev's kinesitherapy program. "Notes on IFS", Volume 23, 2017, Number 3, pages 69—80, @2017
2661. Ribagin, Simeon ; Peter Vassilev, Tania Pencheva and Sławomir Zadrozny. Intuitionistic fuzzy generalized net model of adolescent idiopathic scoliosis classification and the curve progression probability. "Notes on IFS", Volume 23, 2017, Number 3, pages 88—95, @2017
2662. Vassilev, P., S. Ribagin and L. Todorova. On an aggregation of expert value assignments using index matrices. "Notes on IFS", Volume 23, 2017, Number 4, pages 75—78, @2017
2663. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
2664. Pencheva, T., & Angelova, M. (2017). InterCriteria analysis of simple genetic algorithms performance. In Advanced Computing in Industrial Mathematics (pp. 147-159). Springer International Publishing. [https://link.springer.com/chapter/10.1007/978-3-319-49544-6\\_13](https://link.springer.com/chapter/10.1007/978-3-319-49544-6_13) (Feb 2017), @2017
2665. Roeva, O., Vassilev, P., & Chountas, P. (2017). Application of Topological Operators over Data from InterCriteria Analysis. In International Conference on Flexible Query Answering Systems (pp. 215-225). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_19](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_19), @2017
2666. Roeva, O., & Fidanova, S. (2017). InterCriteria Analysis of Relations Between Model Parameters Estimates and ACO Performance. In Advanced Computing in Industrial Mathematics (pp. 175-186). Springer International Publishing. [https://link.springer.com/chapter/10.1007/978-3-319-49544-6\\_15](https://link.springer.com/chapter/10.1007/978-3-319-49544-6_15), @2017
2667. Sotirova, E., Bureva, V., Markovska, I., Sotirov, S., & Vankova, D. (2017). Application of the InterCriteria Analysis Over Air Quality Data. In International Conference on Flexible Query Answering Systems (pp. 226-235). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_20](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_20), @2017
2668. Roeva, O., & Fidanova, S. (2017). Comparison of different metaheuristic algorithms based on InterCriteria analysis. Journal of Computational and Applied Mathematics. <https://doi.org/10.1016/j.cam.2017.07.028>, @2017
2669. Bureva, V., Michalíková, A., Sotirova, E., Popov, S., Riečan, B., & Roeva, O. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. Notes on Intuitionistic Fuzzy Sets, Vol. 23, 2017,

2670. Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017

525. Simova I, **Christov I**, Kambova L, Bortolan G, Katova T. QRS and T loops area changes during haemodialysis. Computing in Cardiology, 41, 2014, 409-412. SJR:0.63

[Lumupa ce e:](#)

2671. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 стр, @2017

526. Bortolan G, **Christov I**. Dynamic filtration of high-frequency noise in ECG signal. Computing in Cardiology, 41, 2014, 1089-1092. SJR:0.63

[Lumupa ce e:](#)

2672. Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. Радиоелектронні і комп'ютерні системи, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf>, @2017

2673. Тулякова Н, Трофимчук А, Стрижак А (2017) Адаптивные алгоритмы устранения электромиографического шума в сигнале электрокардиограммы. Радиотехника, 188, стр. 70–78, ISSN: 0485-8972., @2017

2674. Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. Int. J. of Bioautomation, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017

527. **Pencheva, T., Angelova, M.**. Purposeful Model Parameters Genesis in Multi-population Genetic Algorithm. Global Journal of Technology and Optimization, 5, 2014, 164

[Lumupa ce e:](#)

2675. Harkawat A., S. Kumari, P. Pharkya, D. Garg, Load Balancing Task Scheduling Based on Variants of Genetic Algorithms: Review Paper, In: Kaushik S., Gupta D., Kharb L., Chahal D. (Eds.). Information, Communication and Computing Technology (ICICT 2017, Communications in Computer and Information Science), Vol. 750, 318-325., @2017

2676. Wang B., J. Li, C. Wang, Cost-effective Scheduling Precedence Constrained Tasks in Cloud Computing, 2nd IEEE International Conference on Cloud Computing and Big Data Analysis, Chengdu, China, April 28-30, 2017, 230-235., @2017

528. Hikov, T., Mitev, D., Radeva, E., Iglic, A., Presker, R., Daniel, M., Sepitka, J., **Krasteva, N., Keremidarska, M.,** Cvetanov, I., Pramatarova, L.. Studying the influence of nanodiamonds over the elasticity of polymer/nanodiamond composites for biomedical application.. Journal of Physics: Conference Series, 558, 1, 2014, SJR:0.217

[Lumupa ce e:](#)

2677. Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions, @2017

2678. Kausar A. 2017. Structure and chemistry of polymer/nanodiamond composites In book: Hybrid Polymer Composite Materials, Editors: Vijay Kumar Thakur; Manju Kumari Thakur; Raju Kumar Gupta, Volume 1: Structure and Chemistry, Elsevier, pp.1-21, @2017

529. **Al Sharif, M., Alov, P., Vitcheva, V., Pajeva, I., Tsakovska, I.** Modes-of-action related to repeated dose toxicity: tissue-specific biological roles of PPAR $\gamma$  ligand-dependent dysregulation in nonalcoholic fatty liver disease. PPAR Research, 2014, 2014, ISSN:1687-4765, DOI:10.1155/2014/432647, ISI IF:2.509

[Lumupa ce e:](#)

2679. Mostrag-Szlichtyng AS. Development of Knowledge Within a Chemical-Toxicological Database to Formulate Novel Computational Approaches for Predicting Repeated Dose Toxicity of Cosmetics-Related Compounds., @2017

2680. Tabish AM, Poels K, Byun HM, Luyts K, Baccarelli AA, Martens J, Kerkhofs S, Seys S, Hoet P, Godderis L. Changes in DNA Methylation in Mouse Lungs after a Single Intra-Tracheal Administration of Nanomaterials. PLoS One. 2017 Jan 12;12(1):e0169886. doi: 10.1371/journal.pone.0169886. PubMed PMID: 28081255; PubMed Central PMCID: PMC5231360., @2017

2681. Auger F., Françoise Martin, Olivier Pétrault, Jennifer Samaille, Thierry Hennebelle, Mohamed-Sami Trabelsi, François Bailleul, Bart Staels, Régis Bordet, Patrick Duriez. Risperidone-induced metabolic dysfunction is attenuated by Curcuma longa extract administration in mice. Metabolic Brain Disease, 2017, @2017

530. **Arabadzhev T.I., Dimitrov V.G.,** Dimitrov G.V.. The increase in surface EMG could be a misleading measure of neural adaptation during the early gains in strength. *European Journal of Applied Physiology*, 114, 8, Springer, 2014, DOI:10.1007/s00421-014-2893-y, 1645-1655. ISI IF:2.187

Lumupa ce e:

2682. Colomer-Poveda, David, et al. "Effects of 4 Weeks of Low-Load Unilateral Resistance Training, with and without Blood Flow Restriction, on Strength, Thickness, V Wave, and H Reflex of the Soleus Muscle in Men." *European Journal of Applied Physiology*, vol. 117, no. 7, Springer Nature, Apr. 2017, pp. 1339–47. Crossref, doi:10.1007/s00421-017-3622-0., @2017

2683. Jenkins, Nathaniel D. M., et al. "Greater Neural Adaptations Following High- vs. Low-Load Resistance Training." *Frontiers in Physiology*, vol. 8, Frontiers Media SA, May 2017. Crossref, doi:10.3389/fphys.2017.00331., @2017

531. **Keremidarska, M.,** Hikov, T., Radeva, E., Pramatarova, L., **Krasteva, N.** Effect of nanodiamond modification of siloxane surfaces on stem cell behavior. *Journal of Physics: Conference Series*, 558, 1, 2014, SJR:0.217

Lumupa ce e:

2684. Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions, @2017

---

## 2015

---

532. Guncheva, M., Paunova, K., Ossowicz, P., Rozwadowski, Z., Janus, E., Idakieva, K., **Todinova, S.,** Raynova, Y., **Uzunova, V.,** Apostolova, S., **Tzoneva, R.,** Yancheva, D.. Modification of *Rapana thomasiana* hemocyanin with choline amino acid salts significantly enhances its antiproliferative activity against MCF-7 human breast cancer cells. *RSC Advances*, 78, 5, Royal Society of Chemistry, 2015, ISSN:2046-2069, DOI:10.1039/C5RA12214G, 63345-63354. ISI IF:3.84

Lumupa ce e:

2685. Aafiya Tarannum, Jonnalagadda Raghava Rao, and Nishter Nishad Fathima, "Choline Based Amino Acid ILs-Collagen Interaction: Enunciating its Role in Stabilization/destabilization Phenomena", *J. Phys. Chem. B*, 2017, @2017

2686. Egorova, K. S., Gordeev, E. G., and Ananikov, V. P. Biological Activity of Ionic Liquids and Their Application in Pharmaceutics and Medicine, *Chem. Rev.*, Article ASAP DOI: 10.1021/acs.chemrev.6b00562, @2017

533. Vitcheva, V., Mostrag-Szlichtyng, A., Sacher, O., Bienfait, B., Schwab, C.H., Richarz, A.-N., **Tsakovska, I., Al Sharif, M., Pajeva, I.,** Yang, C.. In vivo data mining and in silico metabolic profiling to predict diverse hepatotoxic phenotypes: Case study of piperonyl butoxide. *Toxicology Letters*, 238, 2, supplement, Elsevier B.V., 2015, ISSN:0378-4274, DOI:10.1016/j.toxlet.2015.08.586, S173-S173. SJR:1.25, ISI IF:3.858

Lumupa ce e:

2687. Berggren E, White A, Ouedraogo G, Paini A, Richarz AN, Bois FY, Exner T, Leite S, Grunsven LAV, Worth A, Mahony C. Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. *Comput Toxicol.*, 2017, 4, 31-44., @2017

2688. OECD Environment Directorate. Chemical safety assessment workflow based on exposure considerations and non-animal methods. OECD Environment, Health and Safety Publications, Series on Testing & Assessment No. 275, ENV/JM/MONO(2017) 27, @2017

534. Georgieva, R, Chachaty C, **Hazarosova R,** Tessier C., Nuss P, **Momchilova A, Staneva G.** Docosahexaenoic acid promotes micron scale liquid-ordered domains. A comparison study of docosahexaenoic versus oleic acid containing phosphatidylcholine in raft-like mixtures.. *Biochim Biophys Acta*, 1848, 6, Elsevier, 2015, ISSN:0005-2736, DOI:10.1016/j.bbamem.2015.02.027. Epub 2015 Mar 9., 1424-1435. ISI IF:3.42

Lumupa ce e:

2689. Sugahara, K., Shimokawa, N. and Takagi, M., Thermal stability of phase-separated domains in multicomponent lipid membranes with local anesthetics, *Membranes* 7 (3), 2017, @2017

2690. Shimokawa, N., Mukai, R., Nagata, M., Takagi, M., Formation of modulated phase and domain rigidification in fatty acids-containing lipid membranes, *Phys. Chem. Chem. Phys.* 19 (20), 2017, @2017

535. Sotirov, Sotir, **Vassia Atanassova,** Evdokia Sotirova, Veselina Bureva, Deyan Mavrov. Application of the Intuitionistic Fuzzy InterCriteria Analysis Method to a Neural Network Preprocessing Procedure. 9th Conference of the European

Lumupa ce s:

**2691.** Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017

- 536.** Bryaskova, R., Georgiev, N. I., Dimov, S. M., **Tzoneva, R.**, Detrembleur, C., Asiri, A. M., Alamry, K. A., Bojinov, V. B.. Novel nanosized water soluble fluorescent micelles with embedded perylene diimide fluorophores for potential biomedical applications: Cell permeability, localization and cytotoxicity. Materials Science and Engineering: C, 51, Elsevier, 2015, ISSN:0928-4931, DOI:10.1016/j.msec.2015.02.035, 7-15. ISI IF:3.088

Lumupa ce s:

**2692.** D. Ozdal, N.P. Aydinlik, J.B. Bodapatib, H. Icil. "Self-assembly, optical, thermal and electrochemical properties of bis-N-benzyl perylene diimide dye". Photochem. Photobiol. Sci., 2017, 16, 262-270., @2017

**2693.** Birel, Ö . "A Review on Perylene-3, 4, 9, 10-Tetracarboxylic Acid Diimide Molecules". Celal Bayar Üniversitesi Fen Bilimleri Dergisi 13 (2017): 379-386, @2017

**2694.** Devrim Ozdal, a Nur P. Aydinlik, a Jagadeesh B. Bodapatib and Huriye Icil, "Self-assembly, optical, thermal and electrochemical properties of bis-N-benzyl perylene diimide dye". Photochemical & Photobiological Sciences, 2017, @2017

- 537.** **Atanassova, Vassia**, Lyubka Doukovska, Dimitar Karastoyanov, Frantisek Capkovic. InterCriteria Decision Making Approach to EU Member States Competitiveness Analysis: Trend Analysis. Proceedings of the 7th IEEE International Conference Intelligent Systems IS'2014, September 24-26, 2014, Warsaw, Poland, Volume 1: Mathematical Foundations, Theory, Analyses, In Series: Advances in Intelligent Systems and Computing, 322, Springer, 2015, ISBN:978-3-319-11312-8 (P, DOI:10.1007/978-3-319-11313-5\_10, 107-115. SJR:0.13

Lumupa ce s:

**2695.** Bureva, Veselina ; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017

**2696.** Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017

**2697.** Sotirova, E., Bureva, V., Markovska, I., Sotirov, S., & Vankova, D. (2017). Application of the InterCriteria Analysis Over Air Quality Data. In International Conference on Flexible Query Answering Systems (pp. 226-235). Springer, Cham., @2017

**2698.** Roeva, O., Vassilev, P., & Chountas, P. (2017, June). Application of Topological Operators over Data from InterCriteria Analysis. In International Conference on Flexible Query Answering Systems (pp. 215-225). Springer, Cham., @2017

- 538.** **Angelova, M, Roeva, O, Pencheva, T.** InterCriteria Analysis of Crossover and Mutation Rates Relations in Simple Genetic Algorithm. Annals of Computer Science and Information Systems, 5, 2015, ISBN:978-83-60810-66-8, ISSN:2300-5963, 419-424

Lumupa ce s:

**2699.** Sotirova E., V. Bureva, I. Markovska, S. Sotirov, D. Vankova, Application of the InterCriteria Analysis Over Air Quality Data, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 226-235., @2017

**2700.** Atanassova V., New Modified Level Operator Ngama over Intuitionistic Fuzzy Sets, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 209-214., @2017

**2701.** Krumova S., S. Todinova, D. Mavrov, P. Marinov, V. Atanassova, K. Atanassov, S. G. Taneva, Intercriteria Analysis of Calorimetric Data of Blood Serum Proteome, Biochimica et Biophysica Acta, 2017, 1861(2), 409-417., @2017

- 539.** **Pencheva, T., Angelova, M., Atanassova, V., Roeva, O..** InterCriteria Analysis of Genetic Algorithm Parameters in Parameter Identification. Notes on Intuitionistic Fuzzy Sets, 21, 2, 2015, ISSN:1310-4926, 99-110

Lumupa ce s:

**2702.** Sotirova E., V. Bureva, I. Markovska, S. Sotirov, D. Vankova, Application of the InterCriteria Analysis over Air Quality Data, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017),

540. **A. KOSTADINOVA, B. NIKOLOVA, P. HANDJIISKA, M.R. BERGER, I. TSONEVA.** COMBINED EFFECT OF ELECTROPORATION AND MILTEFOSINE ON KERATINOCYTE CELL LINE HaCaT. Romanian Reports in Physics, 63, 2015, ISSN:ISSN 1221-1451 43 822

Lumupa ce e:

2703. Mahal, K., Ahmad, A., Schmitt, F., Lockhauserbäumer, J., Starz, K., Pradhan, R. Biersack, B. (2017). Improved anticancer and antiparasitic activity of new lawsone mannich bases. European Journal of Medicinal Chemistry, 126, 421-431. doi:10.1016/j.ejmech.2016.11.043, @2017

2704. Mahala, K., Ahmadb, A., Schmitta, F., Lockhauserbäumerc, J., Starzc, K., Pradhand, R., Padhyed, S., Sarkarb, F., Kokoe, W., Schoberta, R., Ersfeldc, K., Biersack B. Improved anticancer and antiparasitic activity of new lawsone Mannich bases. Eur. J. Med. Chem., 126, 421–431, 27, 2017., @2017

541. Dankov, K., **Rashkov, G.**, Misra, A.N., **Apostolova, E.L.**. Temperature sensitivity of photosystem II in isolated thylakoid membranes from fluridone-treated pea leaves. Turk. J. Bot., 39, 3, Turkiye Klinikleri, 2015, 420-4. SJR:0.564, ISI IF:1.6

Lumupa ce e:

2705. Aygyun Faik, Dimitar Vasilev, Daniela Stanoeva, Maya Velitchkova. Suboptimal Growth Temperatuse and light intensity effects on photosystem II activity and oxygenevolution of tomato (Solanum Lycopersicum), Comp. rend. Acad. bulg. Sci., 70 (9) 1247-1254, 2017, @2017

542. **Dobrikova, A.G., Apostolova, E.L.**. Damage and protection of the photosynthetic apparatus from UV-B radiation. II. Effect of quercetin at different pH. J. Plant Physiology, 184, 2015, DOI:doi:10.1016/j.jplph.2015.06.008, 98-105. SJR:1.004, ISI IF:2.557

Lumupa ce e:

2706. Singh A., G. Bashri, S.M. Prasad Major influence on phytochrome and photosynthetic machinery under UV-B exposure. Chapter 7 In: UV-B Radiation: From Environmental Stressor to Regulator of Plant Growth (eds V.P. Singh, S. Singh, S.M. Prasad and P. Parihar), John Wiley & Sons, Ltd, Chichester, UK., 2017, pp.123-142. doi: 10.1002/9781119143611.ch7, @2017

2707. Simanjuntak K., Simanjuntak J.E, Rosmalena R., Prasasty V.D. Structure–based drug design of Quercetin and its derivatives against HMGB1. Biomed. Pharmacol. J. 10(4), 2017, 1973-1982., @2017

2708. Voloshin R.A., V.S. Bedbenov, D. Gabrielyan, N.G. Brady, V.D. Kreslovskii, S.K. Zharmukhamedov, M.V. Radionova, B.D. Bruce, S. Allakhverdiev, Optimization and characterization of TiO2-based solar cell design using diverse plant pigments, International Journal of Hydrogen Energy, 42 (12), 2017, 8576-8585, @2017

543. **Hazarosova R, Momchilova A,** Koumanov K, **Petkova D, Staneva G.** Role of Aminophospholipids in the Formation of Lipid Rafts in Model Membrane. J Fluoresc, 25, 4, SpringerLink, 2015, ISSN:1053-0509, DOI:10.1007/s10895-015-1589-y. Epub 2015 Jun 16., 1037-1043. ISI IF:1.9

Lumupa ce e:

2709. Vermeulen, I., Tuberculosis: how different synthetic analogues of pathogen associated mycolates affect lipid homeostasis of murine host macrophages, dissertation, 2017, @2017

544. **Krasteva V, Jekova I,** Leber R, Schmid R, Abächerli R. Validation of arrhythmia detection library on bedside monitor data for triggering alarms in intensive care. Computing in Cardiology, 42, 2015, ISSN:2325-8861, 737-740

Lumupa ce e:

2710. Zhang Q, Chen X, Fang Z, Zhan Q, Yang T, Xia S, (2017), Reducing false arrhythmia alarm rates using robust heart rate estimation and cost-sensitive support vector machines, Physiological Measurement, 38(2), pp.259-271, doi: 10.1088/1361-6579/38/2/259, ISSN: 0967-3334; N14., @2017

545. **Kostadinova, A.,** Topouzova-Hristova, T., **Momchilova, A., Tzoneva, R.,** Berger, M. R.. Antitumor Lipids-Structure, Functions, and Medical Applications. Adv Protein Chem Struct Biol., 101, Elsevier, 2015, ISBN:1876-1623 (Print); 1, DOI:10.1016/bs.apcsb.2015.08.001. Epub 2015 Sep 26, 39, 27-66. ISI IF:3.736

Lumupa ce e:

2711. P.Ríos-Marco, C. Marco, X. Gálvez, J.M. Jiménez-López, M. P. Carrasco. "Alkylphospholipids: An update on molecular mechanisms and clinical relevance". *Biochimica et Biophysica Acta (BBA) – Biomembranes*, 1859, 9, Part B, 2017, 1657–1667., @2017
2712. Vahid Salimi, Zahra Shahsavari, Banafsheh Safizadeh, Ameinh Hosseini, Narges Khademian and Masoumeh Tavakoli-Yaraki, "Sodium butyrate promotes apoptosis in breast cancer cells through reactive oxygen species (ROS) formation and mitochondrial impairment". *Lipids in Health and Disease* 2017, 16:208, @2017
2713. Md. Maqsood AlamAhmed H. E. HassanYeong Ho KwonHyo Jong LeeNam Yong KimKyung Hoon MinSang-Yoon LeeDong-Hyun KimYong Sup Lee, "Design, synthesis and evaluation of alkylphosphocholine-gefitinib conjugates as multitarget anticancer agents". *Archives of Pharmacal Research*, 2017, @2017

546. Fratev, F.. Activation helix orientation of the estrogen receptor is mediated by receptor dimerization: evidence from molecular dynamics simulations. *Phys Chem Chem Phys.*, 17, 20, 2015, DOI:10.1039/c5cp00327j, 13403-13420. ISI IF:4.493

Lumupa ce e:

2714. Souza, Paulo C. T. ; Textor, Larissa C. ; Melo, Denise C. ; Nascimento, Alessandro S. ; Skaf, Munir S. ; Polikarpov, Igor. An alternative conformation of ER beta bound to estradiol reveals H12 in a stable antagonist position. *SCIENTIFIC REPORTS*, 7: 3509, 2017, @2017
2715. van der Vaart A., Lorkowski A., Ma N., Gray GM. Computer Simulations of the Retinoid X Receptor: Conformational Dynamics and Allosteric Networks. *CURRENT TOPICS IN MEDICINAL CHEMISTRY*, 17(6), 731-741, 2017, @2017
547. Angelov, B., A. Angelova, M. Drechsler, V. M. Garamus, R. Mutafchieva, S. Lesieur. Identification of large channels in cationic PEGylated cubosome nanoparticles by synchrotron radiation SAXS and Cryo-TEM imaging. *Soft Matter*, 11, 18, The Royal Society of Chemistry, 2015, ISSN:1744-683X, DOI:10.1039/C5SM00169B, 3686-3692. SJR:1.57, ISI IF:4.029

Lumupa ce e:

2716. Zabara, A., T.G. Meikle, J. Newman, T.S. Peat, C.E. Conn, C.J. Drummond. The nanoscience behind the art of in-meso crystallization of membrane proteins. *Nanoscale*, 9(2), 2017, 754-763. ISSN 2040-3364, @2017
2717. Wang, L., T. Gotoh, Y. Wang, T. Kouyama, J. Y. Wang. Formation of a Mimetic Biomembrane from the Hydrophobic Protein Zein and Phospholipids: Structure and Application. *The Journal of Physical Chemistry C*, 121(36), 2017, 19999-20006. ISSN: 1932-7447, @2017
2718. Liu, Q., J. Hu, M. R. Whittaker, T. P. Davis, B. J. Boyd. Nitric oxide-sensing actuators for modulating structure in lipid-based liquid crystalline drug delivery systems. *Journal of Colloid and Interface Sci.*, 508, 2017, 517-524. ISSN: 0021-9797, @2017
2719. Khaliqi, K., A. Ghazal, I. D. M. Azmi, H. Amenitsch, K. Mortensen, S. Salentinig, A. Yagmur. Direct monitoring of lipid transfer on exposure of citrem nanoparticles to an ethanol solution containing soybean phospholipids by combining synchrotron SAXS with microfluidics. *Analyst*, 142(17), 2017, 3118-3126. ISSN: 0003-2654, @2017
2720. Oka, T., M. Hasan, M. Z. Islam, M. Moniruzzaman, M. Yamazaki. Low-pH-Induced Lamellar to Bicontinuous Primitive Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein Membranes. *Langmuir*, 33(43), 2017, 12487-12496. ISSN: 0743-7463, @2017
2721. Wu, D., L. Wang, W. Li, X. Xu, W. Jiang. DNA nanostructure-based drug delivery nanosystems in cancer therapy. *International journal of pharmaceutics*. 2017. ISSN: 0378-5173, @2017
2722. Bobbala, S., S. D. Allen, E. Scott. Flash nanoprecipitation permits versatile assembly and loading of polymeric bicontinuous cubic nanospheres. *Nanoscale*. 2017. ISSN: ISSN 2040-3372, @2017
2723. Kulkarni, C. V., V. K. Vishwapathi, A. Quarshie, Z. Moinuddin, J. Page, P. Kendrekar, P., S. S. Mashele. Self-Assembled Lipid Cubic Phase and Cubosomes for the Delivery of Aspirin as a Model Drug. *Langmuir*, 33(38), 2017 9907-9915. ISSN: 0743-7463, @2017
2724. Wakaskar, R. R. General overview of lipid–polymer hybrid nanoparticles, dendrimers, micelles, liposomes, spongosomes and cubosomes. *Journal of drug targeting*, 1-8. 2017. ISSN: 1061-186X, @2017
2725. Pandey, P. K., K. Rawat, V. K. Aswal, J. Kohlbrecher, H.B. Bohidar. DNA ionogel: Structure and self-assembly. *Physical Chemistry Chemical Physics*. 19(1), 2017, 804-812. ISSN: 1463-9076, @2017
2726. Zhan, T., W. Lv, Y. Deng. Multilayer gyroid cubic membrane organization in green alga *Zygnema*. *Protoplasma* (2017). doi:10.1007/s00709-017-1083-2. ISSN 0033-183X, @2017
2727. Durand, E., R. F. Jacob, S. Sherratt, J.Lecomte, B. Baréa, P. Villeneuve, R.P. Mason. The nonlinear effect of alkyl chain length in the membrane interactions of phenolipids: Evidence by X-ray diffraction analysis. *European Journal of Lipid Science and Technology*, 2017. DOI: 10.1002/ejlt.201600397. ISSN: 1438-9312, @2017
2728. van't Hag, L., S. L. Gras, C. E. Conn, C. J. Drummond. Lyotropic liquid crystal engineering moving beyond binary compositional space–ordered nanostructured amphiphile self-assembly materials by design. *Chemical Society Reviews*, 46(10), 2017, 2705-2731 ISSN 0306-0012, @2017

2729. Tajik-Ahmadabad, B., A. Mechler, B.W. Muir, K. McLean, T.M. Hinton, F. Separovic, A. Polyzos. A QCM-D and SAXS Study of the Interaction of Functionalised Lyotropic Liquid Crystalline Lipid Nanoparticles with siRNA. *ChemBioChem*, 18(10), 2017, 921-930. ISSN: 1439-4227, @2017

548. **Krasteva V, Jekova I**, Leber R, Schmid R, Abächerli R. Superiority of classification tree versus cluster, fuzzy and discriminant models in a heartbeat classification system. *PLoS ONE*, 10, 10, 2015, ISSN:1932-6203, DOI:10.1371/journal.pone.0140123, e0140123-29 pages. SJR:1.3, ISI IF:3.234

Lumupa ce e:

2730. Omar A, Narula S, Rahman M, Pedrizzetti G, Raslan H, Rifaie O, Narula J, Sengupta P, (2017), Precision Phenotyping in Heart Failure and Pattern Clustering of Ultrasound Data for the Assessment of Diastolic Dysfunction, *JACC: Cardiovascular Imaging*, vol.10, pp.1291-1303, <http://dx.doi.org/10.1016/j.jcmg.2016.10.012>; ISSN: 1936-878X; N28., @2017

2731. Lemkaddem A, Proença M, Delgado-Gonzalo R, Renevey Ph, Oei I, Montano G, Martinez-Heras JA, Donati A, Bertschi M, Lemay M, (2017), An Autonomous Medical Monitoring System - Validation on Arrhythmia Detection, 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), July 11-15, 2017, Jeju Island, Korea, DOI: 10.1109/EMBC.2017.8037869, ISSN: 1558-4615, <http://ieeexplore.ieee.org/abstract/document/8037869/>, @2017

549. Brezov D., Mladenova C., **Mladenov I.** Wigner Rotation and Thomas Precession: Geometric Phases and Related Physical Theories. *J. Korean Phys. Society*, 11, 2015, 1656-1663. ISI IF:0.425

Lumupa ce e:

2732. Oblak B., Probing Wigner Rotations for Any Group, arxiv:1710.06883v1, 2017., @2017

550. Angelova, A., B. Angelov, **R. Mutafchieva**, S. Lesieur. Biocompatible Mesoporous and Soft Nanoarchitectures. *Journal of Inorganic and Organometallic Polymers and Materials*, 25, 2, Springer US, 2015, ISSN:1574-1443, DOI:10.1007/s10904-014-0143-8, 214-232. SJR:0.31, ISI IF:1.16

Lumupa ce e:

2733. Balejčíková, L., V. M. Garamus, M. V. Avdeev, V. I. Petrenko, L. Almásy, P. Kopčanský. The effect of solution pH on the structural stability of magnetoferritin. *Colloids and Surfaces B: Biointerfaces*, 156, 2017, 375-381. ISSN: 0927-7765, @2017

2734. Ma, D., J. Wang, L. Qin, H. Guo, S. Li, M. Huang, H. Liu, Y. Wang, R. Xie, H. Sakiyama, J. Xu. A New 2D Europium (III) Coordination Polymer Based on 4-Bromoisophthalate Ligand: Synthesis, X-ray Structure, Luminescent and Magnetic Properties. *Journal of Inorganic and Organometallic Polymers and Materials*. 2017. ISSN: 1574-1443, @2017

2735. Juibari, N. M., A. Abbasi, H.B. Ajdari. Synthesis and Characterization of New Cobalt (II)-Pyrazine Coordination Polymer as Precursor for Preparation of Co (II) Oxide Nanoparticles: Surprising Coordination, DFT Calculation and Spectroscopic Studies. *Journal of Inorganic and Organometallic Polymers and Materials*. 2017. ISSN 1574-1451, @2017

2736. Kelemen, H., A. Csillag, G. Hancu, B. Székely-Szentmiklósi, I. Fülöp, E. Varga G. Orgován. Characterisation Of Inclusion Complexes Between Bifonazole And Different Cyclodextrins In Solid And Solution State. *Macedonian Journal of Chemistry and Chemical Engineering*, 36(1), 2017, 81-91. ISSN 1857-5552, @2017

2737. Cook, M. T., S. K. Filippov, V. V. Khutoryanskiy. Synthesis and solution properties of a temperature-responsive PNIPAM-b-PDMS-b-PNIPAM triblock copolymer. *Colloid and Polymer Science*. 2017. DOI: 10.1007/s00396-017-4084-y. ISSN: 0303-402X, @2017

2738. Tajik-Ahmadabad, B., A. Mechler, B. W. Muir, K. McLean, T.M. Hinton, F. Separovic, A. Polyzos. A QCM-D and SAXS Study of the Interaction of Functionalised Lyotropic Liquid Crystalline Lipid Nanoparticles with siRNA. *ChemBioChem*, 18(10), 2017, 921-930. ISSN 1439-7633, @2017

2739. van't Hag, L., S. L. Gras, C. E. Conn, C. J. Drummond. Lyotropic liquid crystal engineering moving beyond binary compositional space-ordered nanostructured amphiphile self-assembly materials by design. *Chemical Society Reviews*, 46(10), 2017, 2705-2731 ISSN 0306-0012, @2017

2740. Lai, W. F., A. L. Rogach, W. T. Wong. Chemistry and engineering of cyclodextrins for molecular imaging. *Chemical Society Reviews*, 46(20), 2017, 6379-6419. ISSN: 0306-0012, @2017

2741. Wang, L., T. Gotoh, Y. Wang, T. Kouyama, J. Y. Wang. Formation of a Mimetic Biomembrane from the Hydrophobic Protein Zein and Phospholipids: Structure and Application. *The Journal of Physical Chemistry C*, 121(36), 2017, 19999-20006. ISSN: 1932-7447, @2017

2742. Wu, D., L. Wang, W. Li, X. Xu, W. Jiang. DNA nanostructure-based drug delivery nanosystems in cancer therapy. *International journal of pharmaceutics*. 2017. ISSN: 0378-5173, @2017

2743. Singh, M. K., D. Pooja, H. G. Ravuri, A. Gunukula, H. Kulhari, R. Sistla. Fabrication of surfactant-stabilized nanosuspension of naringenin to surpass its poor physicochemical properties and low oral bioavailability. *Phytomedicine*.

2017. ISSN: 0944-7113, @2017

2744. Feast, G. C., T. LepitreT., N. Tran, C. E. Conn, O.E. Hutt, X. Mulet, C. J. Drummond, G.P. Savage. Inverse hexagonal and cubic micellar lyotropic liquid crystalline phase behaviour of novel double chain sugar-based amphiphiles. *Colloids and Surfaces B: Biointerfaces*, 151, 2017, 34-38. ISSN: 0927-7765, @2017
2745. Kulkarni, C. V., V. K. Vishwapathi, A. Quarshie, Z. Moinuddin, J. Page, P. Kendrekar, P., S. S. Mashele. Self-Assembled Lipid Cubic Phase and Cubosomes for the Delivery of Aspirin as a Model Drug. *Langmuir*, 33(38), 2017 9907-9915. ISSN: 0743-7463, @2017
2746. Wakaskar, R. R. General overview of lipid-polymer hybrid nanoparticles, dendrimers, micelles, liposomes, spongosomes and cubosomes. *Journal of drug targeting*, 1-8. 2017. ISSN: 1061-186X, @2017
2747. Silvena, G. G., B. John, R. A. S. Christinal, M. S. Kumar, S. Chakravarty, A. L. Rajesh. Solution Processed p-Type Cu<sub>2</sub>ZnSnS<sub>4</sub> Thin Films for Absorber Layer. *Journal of Inorganic and Organometallic Polymers and Materials*, 27(5), 2017, 1556-1562. ISSN: 1574-1443, @2017
2748. Scott, E. A., N. B. Karabin, P. Augsornworawat. Overcoming Immune Dysregulation with Immunoengineered Nanobiomaterials. *Annual Review of Biomedical Engineering*, 19(1), 2017, 57-84. ISSN: 1523-9829, @2017
2749. Rodríguez, M., J. R. M. Molecular Self-Assembly for the preparation of novel nanostructured materials. *Universitat de Barcelona, Facultat De Farmàcia I Ciències De L'alimentació*. 2017., @2017
2750. Zhan, T., W. Lv, Y. Deng. Multilayer gyroid cubic membrane organization in green alga *Zygnema*. *Protoplasma* (2017). doi:10.1007/s00709-017-1083-2. ISSN 0033-183X, @2017
2751. Haggag, Y. A., K. B. Matchett, D. El-Habib, P. Buchanan, M.A. Osman, S.A. Elgizawy, S. A. Elgizawy, M. El-Tananic, A. M. Faheem, P.A. McCarron. Nano-encapsulation of a novel anti-Ran-GTPase peptide for blockade of regulator of chromosome condensation 1 (RCC1) function in MDA-MB-231 breast cancer cells. *International Journal of Pharmaceutics*, 521 (1-2), 2017, 40-53. ISSN: 0378-5173, @2017
2752. Muhammad, F., T. D. T. Nguyen, A. Raza, B. Akhtar, S. Aryal. A review on nanoparticle-based technologies for biodegradation. *Drug and Chemical Toxicology*, 2017. ISSN: 0148-0545, @2017
2753. Chang, H. N., S. X. Hou, G. H. Cui, S. C. Wang. Supramolecular Architectures in Three Metal (II) Coordination Polymers with 2, 5-Dichloroterephthalate and Flexible Bis (Benzimidazole) Ligands. *J. Inorg. Organomet, Polym, Mat.*, 2(27), 2017, 518-527. ISSN: 1574-1443, @2017
2754. Chandra, F., S. Mallick, A.L. Koner. Spectroscopic Investigation of Bio-mimetic Solvolysis of 6-(N, N-dimethylamino)-2, 3-naphthalic Anhydride in Confined Nanocavities. *Physical Chemistry Chemical Physics*, 19(6), 2017, 4337-4344. ISSN 1463-9076, @2017
2755. Huang, Z., G. Yang, T. Shen, X. Wang, H. Li, D. Ren. Dehydrobruceine B enhances the cisplatin-induced cytotoxicity through regulation of the mitochondrial apoptotic pathway in lung cancer A549 cells. *Biomedicine & Pharmacotherapy*, 89, 2017, 623-631., @2017
2756. Tamer Ö., D. Avci, Y. Atalay. A novel Cu(II) Complex of Picolinate and 1, 10-Phenanthroline: Preparation, Crystal Structure Determination, Spectroscopic Characterization and Nonlinear Optical Studies. *J. Inorg. Organomet, Polym, Mat.*, 3(27), 2017, 700-713. ISSN: 1574-1443, @2017
551. Kostadinova, A., **Nikolova, B.**, Handjiyska, P., Berger, MR., **Tsoneva, I.** Combined effect of electroporation and miltefosine on keratinocyte cell line HaCaT. *Rom. Rep. Phys.*, 67, 3, 2015, ISSN:1221-1451 43 822, 995-1003. ISI IF:1.517
- Lumupa ce s:
2757. Mahala, K., Ahmadb, A., Schmitta, F., Lockhauserbäumerc, J., Starzc, K., Pradhand, R., Padhyed, S., Sarkarb, F., Kokoe, W., Schoberta, R., Ersfeldc, K., Biersack B. Improved anticancer and antiparasitic activity of new lawsone Mannich bases. *Eur. J. Med. Chem.*, 126, 421-431, 27, 2017., @2017
552. Bakalova, R., **Zhelev, Z.**, **Nikolova, B.**, Murayama, S., Lazarova, D., **Tsoneva, I.**, Aoki, I.. Lymph node mapping using quantum dot-labeled polymersomes.. *Gen. Phys. Biophys*, 34, 2015, ISSN:ISSN 1338-4325 (online), DOI:10.4149/gpb\_2015007, 393-398. ISI IF:1.192
- Lumupa ce s:
2758. Sharma D., Shrivastava R., Bisht G.S. Nanomaterial in Diverse Biological Applications. In: Kalia V., Saini A. (eds) *Metabolic Engineering for Bioactive Compounds*. Springer, Singapore, 2017., @2017
553. **Atanassov, Krassimir, Vassia Atanassova**, George Gluhchev. InterCriteria Analysis: Ideas and problems. *Notes on Intuitionistic Fuzzy Sets*, 21, 1, 2015, ISSN:1310-4926, 81-88
- Lumupa ce s:
2759. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88-94, @2017

2760. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
2761. Roeva, O., & Fidanova, S. (2017). InterCriteria Analysis of Relations Between Model Parameters Estimates and ACO Performance. In *Advanced Computing in Industrial Mathematics* (pp. 175-186). Springer International Publishing., @2017
2762. Sotirova, E., Bureva, V., Markovska, I., Sotirov, S., & Vankova, D. (2017, June). Application of the InterCriteria Analysis Over Air Quality Data. In *International Conference on Flexible Query Answering Systems* (pp. 226-235). Springer, Cham., @2017
2763. Roeva, O., & Fidanova, S. (2017). Comparison of different metaheuristic algorithms based on InterCriteria analysis. *Journal of Computational and Applied Mathematics*. <https://doi.org/10.1016/j.cam.2017.07.028> (Aug 2017), @2017
2764. Bureva, V., Michalíková, A., Sotirova, E., Popov, S., Riečan, B., & Roeva, O. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. *Notes on Intuitionistic Fuzzy Sets*, Vol. 23, 2017, No. 2, 128–140., @2017
2765. Roeva, O., Vassilev, P., & Chountas, P. (2017, June). Application of Topological Operators over Data from InterCriteria Analysis. In *International Conference on Flexible Query Answering Systems* (pp. 215-225). Springer, Cham., @2017
554. Vassilev P., L. Todorova, V. Andonov. An auxiliary technique for InterCriteria Analysis via a three dimensional index matrix. *Notes on Intuitionistic Fuzzy Sets*, 21, 2, 2015, 71-76  
[Цитира се е:](#)
2766. Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017
555. Stratiev, Dicho Stoyanov, Ivelina K Shishkova, Angel Nedelchev, Kiril E Kirilov, Ekaterina Nikolaychuk, Atanas S Ivanov, Ilshat Sharafutdinov, Anife Veli, Magdalena Mitkova, Tanya Tsaneva, Nedyalka Petkova, Ron Sharpe, Dobromir Yordanov, Zlatozvet Belchev, Svetoslav Nenov, Nikolay Rudnev, Vassia Atanassova, Evdokia Sotirova, Sotir Sotirov, Krassimir Atanassov. Investigation of relationships between petroleum properties and their impact on crude oil compatibility. *Energy & Fuels*, American Chemical Society, 2015, ISSN:0887-0624, DOI:10.1021/acs.energyfuels.5b01822, ISI IF:2.79  
[Цитира се е:](#)
2767. Guzmán, R., Ancheyta, J., Trejo, F., & Rodríguez, S. (2017). Methods for determining asphaltene stability in crude oils. *Fuel*, 188, 530-543. <http://www.sciencedirect.com/science/article/pii/S0016236116309590> (January 2017), @2017
2768. Гришин В.В., Логунов П.Л., Сычев А.Г., Белова О.А., Абрамов Д.П., Шигонин П.А., Кувыкин В.И., Чернышева Е.А., Пискунов И.В. (2017). Оптимизация совместной перегонки нефти с газоконденсатом как способ повышения эффективности НПЗ и сокращения производства темных нефтепродуктов. *Нефтепереработка и нефтехимия. Научно-технические достижения и передовой опыт*, (6), 3-7. <https://elibrary.ru/item.asp?id=29333798>, @2017
556. Simova I., Christov I, Bortolan G. A review on electrocardiographic changes in diabetic patients. *Current Diabetes Reviews*, 11, 2015, ISSN:1875-6417, 102-106. SJR:3.12  
[Цитира се е:](#)
2769. Bao H, Cai H, Zhao Y, Huang X, Fan F, Zhang C, et al. (2017) Nonspecific ST-T changes associated with unsatisfactory blood pressure control among adults with hypertension in China: Evidence from the CSPTT study. *Medicine*, 96, (13), e6423 [http://journals.lww.com/md-journal/Fulltext/2017/03310/Nonspecific\\_ST\\_T\\_changes\\_associated\\_with.16.aspx](http://journals.lww.com/md-journal/Fulltext/2017/03310/Nonspecific_ST_T_changes_associated_with.16.aspx), @2017
2770. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
557. Stratiev, D., A. Nedelchev, I. Shishkova, A. Ivanov, I. Sharafutdinov, R. Nikolova, M. Mitkova, D. Yordanov, N. Rudnev, Z. Belchev, V. Atanassova, K. Atanassov. Dependence of visbroken residue viscosity and vacuum residue conversion in a commercial visbreaker unit on feedstock quality. *Fuel Processing Technology*, 138, Elsevier, 2015, ISSN:0378-3820, DOI:10.1016/j.fuproc.2015.06.044, 595-604. SJR:1.571, ISI IF:3.352  
[Цитира се е:](#)
2771. Rueda-Velásquez, R. I., & Gray, M. R. (2017). A viscosity-conversion model for thermal cracking of heavy oils. *Fuel*, 197, 82-90. <http://www.sciencedirect.com/science/article/pii/S0016236117301618>, @2017
2772. Maye, P. E. E., Jingyi, Y., Taoyan, Y., & Xinru, X. (2017). Study on the Modification of Vacuum Residue by Ultrasonic Radiation. *China Petroleum Processing & Petrochemical Technology*, 19(1), 114-122.

2773. Esfahani, Farshad Torabi; Mohammad Reza Ehsani & Javad Ivakpour (2017) Effects of binary vacuum residue blending ratios on the product yields in a delayed coking process, *Petroleum Science and Technology*, 35:11, 1166-1173., @2017
2774. Кувькин, В.И.; М. В. Брюханов, Е. В. Кувькина, И. В. Пускунов, А. Г. Сычев, „Актуализация расчета вязкости смесей темных нефтепродуктов в системе производственного планирования НПЗ“ Мир Нефтепродуктов, №9, 2017, 25-30., @2017

558. Bortolan G, **Christov I**, Simova I, **Dotsinsky I**. Noise processing in exercise ECG stress test for the analysis and the clinical characterization of QRS and T wave alternans. *Biomedical Signal Processing and Control*, 11, 2015, 378-385. SJR:2.07, ISI IF:1.68

Цитира се в:

2775. Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. *Int. J. of Bioautomation*, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017
2776. Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. *Радиоелектронні і комп'ютерні системи*, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf>, @2017
2777. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 pages, @2017
2778. Cammarota C Curione M (2016). Trend extraction in functional data of R and T waves amplitudes of exercise electrocardiogram. Cornell University, 16, (2), 15 pages, <http://arxiv.org/abs/1602.05907>, @2017
2779. Yordi van de Vegte (2017) Determinants and prognostic value of QT and HR phenotypes in 44, 866 individuals of the UK Biobank. PhD thesis, University medical centrum Groninger, 28 pages, <http://scripties.umcg.eldoc.ub.rug.nl/FILES/root/geneeskunde/2017/VegteYvande/VegtevandeY.pdf>, @2017
2780. Pandit D, Zhang L, Liu C, Aslam N, Chattopadhyay S, Lim CP (2017) Noise reduction in ECG signals using wavelet transform and dynamic thresholding. chapter pp. 193-206 in *Emerging trends in Neuro Engineering and Neural Computation*, Eds: Bhatti A, Lee KH, Garmestani H, Lim CP, Springer Singapore, [https://link.springer.com/chapter/10.1007/978-981-10-3957-7\\_10](https://link.springer.com/chapter/10.1007/978-981-10-3957-7_10), @2017
2781. Talavera JR, Mendoza EAS, Dávila NM, Supo E (2017) Implementation of a real-time 60 Hz interference cancellation algorithm for ECG signals based on ARM cortex M4 and ADS1298. *Int. Conf. on Electronics, Electrical Engineering and Computing*, pp. 1-4., @2017
2782. Тулякова Н, Трофимчук А, Стрижак А (2017) Адаптивни алгоритми устраниция електромиографического шума в сигнале електрокардиограммы. *Радиотехника*, 188, стр. 70–78, ISSN: 0485-8972., @2017

559. Bakalova, R., **Zhelev, Z.**, Lazarova, D., **Nikolova, B.**, **Atanasova, S.**, Zlateva, G., Aoki, I.. Delivery of size-controlled long-circulating polymerzomes in solid tumors, visualized by quantum dots and optical imaging in vivo.. *Biotechnol. & Biotechnol. Eq*, 29, 1, 2015, ISSN:1310-2818 eISSN: 1314-3530, 175-180. ISI IF:0.622

Цитира се в:

2783. Dan, N., Chapter 2 – Core-shell drug carriers: liposomes, polymersomes, and niosomes. *Nanostructures for Drug Delivery, A volume in Micro and Nano Technologies*, 63–105, 2017., @2017
2784. Miller, M., Weissleder, R., Imaging the pharmacology of nanomaterials by intravital microscopy: Toward understanding their biological behavior, *Advanced Drug Delivery Reviews*, 113, 61-86, 2017., @2017
2785. Mohammadia, M., Ramezania, M., Abnous, K., Alibolandi, M. Biocompatible polymersomes-based cancer theranostics: Towards multifunctional nanomedicine. *Int. J. Pharm.*, 519, 1–2, 287–303, 2017., @2017

560. Simova I, **Christov I**, Bortolan G, Abacherly R, Kambova L, **Jekova I**. Hemodialysis-induced ST-segment deviation. *Computing in Cardiology*, 42, 2015, ISSN:2325-8861, 1133-1136. SJR:0.63

Цитира се в:

2786. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство - БАН, 114 стр, @2017

561. Anaya F., Voynov V., Kenarov P., Daskalov M., **Momchilova A.**, **Alexandrov A.**, Tsonchev Z.. AFERESIS TERAPEUTICA EN NEUROLOGIA. I, I, PUNTO ROJO LIBROS S.I., 2015, ISBN:987-84-16359-84-4, 181

Цитира се в:

2787. 100 ГОДИНИ МЕДИЦИНСКИ ФАКУЛТЕТ (1917-2017), Редактор проф. Минчо Георгиев, Катедра по анестезиология и интензивно лечение, Издателска къща "Св. Георги Победоносец" ЕООД, 2017 ISBN 978-619-7283-13-6, 133-138, 2017., @2017

562. Simova I, Bortolan G, Kambova L, **Christov I**, Katova T. Episodes of T-wave and QRS complex alternans in haemodialysis patients. EC Cardiology, 2, 2015, 60-67

Цитира се в:

2788. Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 стр, @2017

563. **Georgieva V., Roeva O., T. Pencheva.** Generalized Net Model of Physics-Chemical Wastewater Treatment. Journal of International Scientific Publications: Ecology & Safety, 9, 2015, ISSN:1314-7234, 468-475

Цитира се в:

2789. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

564. **Atanassova, V.,** Doukovska, L., Mavrov, D., **Atanassov, K.** InterCriteria decision making approach to EU member states competitiveness analysis: Temporal and threshold analysis. Proceedings of the 7th IEEE International Conference Intelligent Systems IS'2014, September 24-26, 2014, Warsaw, Poland, Volume 1: Mathematical Foundations, Theory, Analyses, In Series: Advances in Intelligent Systems and Computing, 322, Springer International Publishing, 2015, ISBN:978-3-319-11312, ISSN:2194-5357, DOI:10.1007/978-3-319-11313-5, 95-106

Цитира се в:

2790. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017

2791. Sotirova, E., Bureva, V., Markovska, I., Sotirov, S., & Vankova, D. (2017). Application of the InterCriteria Analysis Over Air Quality Data. In International Conference on Flexible Query Answering Systems (pp. 226-235). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_20](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_20) (May 2017), @2017

2792. Bureva, V., Michalíková, A., Sotirova, E., Popov, S., Riečan, B., & Roeva, O. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. Notes on Intuitionistic Fuzzy Sets, Vol. 23, 2017, No. 2, 128–140 <http://ifigenia.org/mediawiki/images/8/84/NIFS-23-2-128-140.pdf>, @2017

565. Doukovska, Lyubka, **Atanassova, Vassia**, Shahpazov, Georgi, Capkovic, Frantisek. InterCriteria Analysis applied to EU micro, small, medium and large enterprises. Proceedings of the 5th International Symposium on Business Modeling and Software Design – BMSD 2015, 2015, 284-291

Цитира се в:

2793. Bureva, Veselina ; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017

2794. Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017

566. Mrówczyński, W., Celichowski, J., **Raikova, R.** Physiological consequences of doublet discharges on motoneuronal firing and motor unit force. Frontiers in Cellular Neuroscience, 81, 9, 2015, DOI:doi: 10.3389/fncel.2015.00081, ISI IF:4.3

Цитира се в:

2795. Rosell D.R., Blanco F.P., Aagaard P., Badillo J.J.G. Physiological and methodological aspects of rate of force development assessment in human skeletal muscle. November 2017, Clinical physiology and functional imaging DOI10.1111/cpf.12495, @2017

567. **Popova, A.V.,** Rausch, S., Hundertmark, M., Gibon, Y., Hinch, D.K.. The intrinsically disordered protein LEA7 from Arabidopsis thaliana protects the isolated enzyme lactate dehydrogenase and enzymes in a soluble leaf proteome during freezing and drying. BBA-Proteins and Proteomics, 1854, 10, 2015, DOI:10.1016/j.bbapap.2015.05.002, 1517-1525. ISI IF:2.747

Цитира се в:

2796. Zhou, Z., Xu, J., Liu, Y., Meng, D., Sun, X., Yi, H., Gao, Y., Sun, G., Strappe, P., Blanchard, C., Yang, R., 2017, Thermal Stability Improvement of Rice Bran Albumin Protein Incorporated with Epigallocatechin Gallate, *Journal of Food Science*, 82 (2) 350-357, @2017
2797. Liu G., Liu K., Gao Y., Zheng Y., 2017, Involvement of C-terminal histidines in soybean PM1 protein oligomerization and Cu<sup>2+</sup> binding, *Plant and Cell Physiology*, 58 (6) 1018-1029, @2017
2798. Janis B., Uversky V.N., Menze M.A., 2017, Potential functions of LEA proteins from the brine shrimp *Artemia franciscana* – anhydrobiosis meets bioinformatics, *J. Biomolecular Structure and Dynamics*, Published online: 23 Oct 2017, <https://doi.org/10.1080/07391102.2017.1387177>, @2017
2799. Pereira-Santana A., Alvarado-Robledo E. J., Zamora-Briseño J.A., Ayala-Sumuano J.T., Gonzalez-Mendoza V.M., Espadas-Gil F., Alcaraz L. D., Castaño E., Keb-Llanes M.A., Sanchez-Teyer F., Rodriguez-Zapata L.C., 2017, Transcriptional profiling of sugarcane leaves and roots under progressive osmotic stress reveals a regulated coordination of gene expression in a spatiotemporal manner, *PLOS One*, Published December 2017, <https://doi.org/10.1371/journal.pone.0189271>, @2017
2800. Verhoeven A., Garcia-Plazaola J.I., Fernandez-Marin B., 2017, Shared mechanisms of photoprotection in photosynthetic organisms tolerant to desiccation or to low temperature, *Environmental and Experimental Botany*, Available online 7 October 2017, <https://doi.org/10.1016/j.envexpbot.2017.09.012>, @2017
2801. Costa, M.-C.D., Cooper, K., Hilhorst, H.W.M., Farrant, J.M., 2017, Orthodox seeds and resurrection plants: Two of a kind?, *Plant Physiology*, 175 (2) 589-599., @2017
2802. Liu Y., Yang M., Cheng H., Sun N., Liu S., Li S., Wang Y., Zheng Y., Uversky V.N., 2017, The effect of phosphorylation on the salt-tolerance-related functions of the soybean protein PM18, a member of the group-3 LEA protein family, *Biochim. Biophys. Acta-Proteins and Proteomics*, 1865 (11) 1291-1303, @2017

568. Dimitrov D., **Roeva, O.** Development of Generalized Net for Testing of Different Mathematical Models of *E. coli* Cultivation Process. *Advances in Intelligent Systems and Computing*, 322, Springer, 2015, ISBN:978-3-319-11312-8, ISSN:2194-5357, 657-668. SJR:0.15

Цитирани извори:

2803. Bureva V., Evdokia Sotirova, Stanislav Popov, Deyan Mavrov, Velichka Traneva, Generalized Net of Cluster Analysis Process Using STING: A Statistical Information Grid Approach to Spatial Data Mining, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 239-248, @2017
2804. Vania Georgieva, Generalized Net Model of Mechanical Wastewater Pre-treatment, *Int J Bioautomation*, 2017, 21(1), 133-144, @2017
2805. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017
2806. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, *Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017

569. **Angelova, M., Roeva, O., Pencheva, T.** InterCriteria Analysis of a Cultivation Process Model Based on the Genetic Algorithm Population Size Influence. *Notes on Intuitionistic Fuzzy Sets*, 21, 4, 2015, ISSN:1310-4926, 90-103

Цитирани извори:

2807. Sotirova E., V. Bureva, I. Markovska, S. Sotirov, D. Vankova, Application of the InterCriteria Analysis Over Air Quality Data, *Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017)*, London, UK, June 21-22, 2017, 226-235., @2017

570. Doukovska, Lyubka, **Atanassova, Vassia.** InterCriteria Analysis approach in radar detection threshold analysis. *Notes on Intuitionistic Fuzzy Sets*, 21, 4, Publishing House of the Bulgarian Academy of Sciences, 2015, ISSN:1310-4926, 129-135

Цитирани извори:

2808. Nagalingam, R., & Rajaram, S. (2017). New Intuitionistic Fuzzy Operator A(m, n) and an Application on Decision Making. *Advances in Fuzzy Mathematics*, Volume 12, Number 4 (2017), pp. 881-895 [https://www.ripublication.com/afm17/afmv12n4\\_10.pdf](https://www.ripublication.com/afm17/afmv12n4_10.pdf), @2017

571. **Roeva, O., S. Fidanova, Vassilev, P., P. Gepner.** InterCriteria Analysis of a Model Parameters Identification using Genetic Algorithm. *Annals of Computer Science and Information Systems*, 5, 2015, DOI:10.15439/2015F223, 501-506

Цитирани извори:

2809. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 226-235, @2017

2810. Pencheva T., Angelova M. (2017) InterCriteria Analysis of Simple Genetic Algorithms Performance. In: Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. Studies in Computational Intelligence, vol 681. Springer, Cham, pp 147-159, @2017
572. **Stoichev, S., Krumova, S. B., Andreeva, T., Busto, J. V., Todinova, S., Balashev, K., Busheva, M., Goñi, F.M., Taneva, S. G.** Low pH modulates the macroorganization and thermal stability of PSII supercomplexes in grana membranes.. Biophysical Journal, 108, 4, Cell Press, 2015, ISSN:0006-3495, DOI:http://dx.doi.org/10.1016/j.bpj.2014.12.042, 844-853. ISI IF:3.972
- Lumupa ce e:
2811. Su, XD; Ma, J; Wei, XP; Cao, P; Zhu, DJ; Chang, WR; Liu, ZF; Zhang, XZ; Li, M, Structure and assembly mechanism of plant C2S2M2-type PSII-LHCII supercomplex, SCIENCE Volume: 357 Issue: 6353 Pages: 816-+ DOI: 10.1126/science.aan0327 Published: AUG 25 2017, @2017
2812. Garab, G., Ughy, B., de Waard, P., Akhtar, P., Javornik, U., Kotakis, Ch., Sket, P., Karlichy, V., Meterova, Z., Spunda, V., Plavec, J., van Amerongen, H., Vigh, L., Van As, H., Lambrev, P.H. Lipid polymorphism in chloroplast thylakoid membranes – as revealed by 31P-NMR and time-resolved merocyanine fluorescence spectroscopy. Scientific Reports 7, 2017, Article number: 13343. doi:10.1038/s41598-017-13574-y., @2017
573. **Roeva, O., Pencheva, T., Tzonkov, St., Hitzmann, B.** Functional State Modelling of Cultivation Processes: Dissolved Oxygen Limitation State. International Journal Bioautomation, 19, 1, Suppl. 1, 2015, ISSN:1313-261X, S93-S112. SJR:0.164
- Lumupa ce e:
2813. Zlatkova A., V. Lyubenova, Dynamics Monitoring of Fed-batch E. coli Fermentation, International Journal Bioautomation, 2017, 21(1), 121-132., @2017
574. Vassilev V., Djondjorov P., **Mladenov I.** Comment on "Shape Transition of Unstrained Flattest Single-Walled Carbon Nanotubes Under Pressure" [J. Appl. Phys. 115, 044512 (2014)]. Journal of Applied Physics, 117, 2015, DOI:10.1063/1.4921233, ISI IF:2.183
- Lumupa ce e:
2814. Cui, Wenwen. "Ab Initio Investigation of Structural and Electronic Properties on 1D and 2D Nanomaterials", PhD Thesis, Université de Lyon, 2017. English., @2017
2815. Alencar, R.S. "Pressure-Induced Radial Collapse in Few-Wall Carbon Nanotubes: A Combined Theoretical and Experimental Study". Carbon (2017), doi: 10.1016/j.carbon.2017.09.044., @2017
575. **Fratev, F., Tsakovska, I., Al Sharif, M., Mihaylova, E., Pajeva, I.** Structural and Dynamical Insight into PPAR $\gamma$  Antagonism: In Silico Study of the Ligand-Receptor Interactions of Non-Covalent Antagonists. International Journal of Molecular Sciences, 16, 7, 2015, ISSN:1422-0067, 15405-15424. ISI IF:2.862
- Lumupa ce e:
2816. Mottin M, Souza PCT, Ricci CG, Skaf MS, CHARMM Force Field Parameterization of Peroxisome Proliferator-Activated Receptor Ligands, Int. J. Mol. Sci. 2017, 18 (1), 15, doi:10.3390/ijms18010015, @2017
576. **Ilkova, T., M. Petrov, O. Roeva.** Carnitine Role in Human Diseases. Pharmaceutical Ways, Optimization and Generalized Net Description. Journal of International Scientific Publications: Materials, Methods & Technology, 9, 2015, ISSN:1314-7269, 585-597
- Lumupa ce e:
2817. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017
577. **Ilkova, T., M. Petrov.** InterCriteria Analysis for Identification of Escherichia Coli Fed-Batch Mathematical Model. Journal of International Scientific Publications: Materials, Methods & Technology, 9, 2015, ISSN:ISSN 1314-7269, 598-608
- Lumupa ce e:
2818. Roeva O., S. Fidanova, Comparison of different metaheuristic algorithms based on InterCriteria analysis, Journal of Computational and Applied Mathematics, 2017, Elsevier, @2017
2819. Pencheva T., M. Angelova (07 February 2017). InterCriteria Analysis of Simple Genetic Algorithms Performance, Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence book series, Vol. 681, 147-159., @2017

- 2820.** Krumova S., S.Todinova, D. Mavrov, P. Marinov, V. Atanassova, K. Atanassov, S. Taneva (February 2017). Intercriteria analysis of calorimetric data of blood serum proteome, *Biochimica et Biophysica Acta (BBA) - General Subjects*, Vol. 1861, Issue 2, Pages 409-417., @2017
- 2821.** Roeva O., S. Fidanova (07 February 2017). InterCriteria Analysis of Relations Between Model Parameters Estimates and ACO Performance, *Advanced Computing in Industrial Mathematics, Part of the Studies in Computational Intelligence* book series, Vol. 681, 175-186., @2017
- 2822.** Sotirova E., V. Bureva, I. Markovska, S. Sotirov, D. Vankova (24 May 2017), Application of the InterCriteria Analysis Over Air Quality Data, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Lecture Notes in Computer Science* book series (LNCS, volume 10333), pp 226-235, @2017
- 2823.** Bureva V., A. Michalíková, E. Sotirova, S. Popov, B. Riečan, O. Roeva (2017). Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic, *Notes on Intuitionistic Fuzzy Sets*, Vol. 23, No. 2, 128–140, @2017

- 578. Alov, P., Tsakovska, I., Pajeva, I.** Computational Studies of Free Radical-Scavenging Properties of Phenolic Compounds. *CURRENT TOPICS IN MEDICINAL CHEMISTRY*, 15, 2, Bentham Science Publishers, 2015, ISSN:1873-5294, DOI:10.2174/1568026615666141209143702, 85-104. ISI IF:3.402

Lumupa ce e:

- 2824.** Anjomshoa S, Namazian M, Noorbala MR. Is curcumin a good scavenger of reactive oxygen species? A computational investigation. *Theoretical Chemistry Accounts*, 136 (9), 103., @2017
- 2825.** Chomenka N., K. Valetska, Ya. Rayetska, L. Ostapchenko. Correction of melanin proteolytic activity in the conditions of modeling alkali burns of the esophagus. *Bulletin of Taras Shevchenko National University of Kyiv. Series: Problems of Physiological Functions Regulation*, 22(1) 53-57, @2017
- 2826.** Hajiboland R., Narges Moradtalab, Zarrin Eshaghi & Javad Feizy. Effect of silicon supplementation on growth and metabolism of strawberry plants at three developmental stages. *New Zealand Journal of Crop and Horticultural Science*, 2017, @2017
- 2827.** Cetin, MM; Hodson, RT; Hart, CR; Cordes, DB; Findlater, M; Casadonte, DJ; Cozzolino, AF; Mayer, MF. Characterization and photocatalytic behavior of 2, 9-di(aryl)-1, 10-phenanthroline copper(I) complexes. *Dalton Trans.*, 2017, 46, 6553-6569, @2017
- 2828.** Peerannawar S., William Horton, Anne Kokel, Fanni Török, Marianna Török, Béla Török. Theoretical and experimental analysis of the antioxidant features of diarylhydrazones. *Structural Chemistry*, 28, 391–402, @2017
- 2829.** Kudanga, T., Nemažziva, B. & Le Roes-Hill, M. Laccase catalysis for the synthesis of bioactive compounds. *Appl Microbiol Biotechnol*, 101, 13-33, @2017
- 2830.** Okayama, Y; Harada, M; Morita, M; Mochizuki, M; Inami, K. Synthesis and Radical Scavenging Activity of Substituted Benzo[h]chromanols. *Heterocycles*, 94 (5):865-878, @2017
- 2831.** Machado & Domínguez-Perles. Addressing Facts and Gaps in the Phenolics Chemistry of Winery By-Products, *Molecules*, 2017, 22, 286, @2017
- 2832.** Ben Ahmed Z., Mohamed Yousfi, Johan Viaene, Bieke Dejaegher, Kristiaan Demeyer, Debby Mangelings, and Yvan Vander Heyden. Seasonal, gender and regional variations in total phenolic, flavonoid, and condensed tannins contents and in antioxidant properties from *Pistacia atlantica* ssp. leaves. *Pharmaceutical Biology*, 55, 1185-1194, @2017
- 2833.** Kandouli C., Mathieu Cassien, Anne Mercier, Caroline Delehedde, Emilie Ricquebourg, Pierre Stockea, Mourad Mekaouch, Zineb Leulmi, Aicha Mechakra, Sophie Thétiot-Laurent, Marcel Culcasi, Sylvia Pietri. Antidiabetic, antioxidant and anti-inflammatory properties of water and n-butanol soluble extracts from Saharian *Anvillea radiata* in high-fat-diet fed mice. *Journal of Ethnopharmacology*, , 207, 251-267, @2017

- 579. Todorova, R.** Structure-Function Based Molecular Relationships in Ewing's Sarcoma.. *BioMed Research International*, 2015, Hindawi Publishing Corporation, 2015, ISSN:2314-6141 (Electronic) 2314-6133 (Print), DOI:10.1155/2015/798426, 1-15. SJR:0.61, ISI IF:1.579

Lumupa ce e:

- 2834.** Staby, L., O'Shea, C., Willemoës, M., Theisen, F., Kragelund, B. B., & Skriver, K. (2017). Eukaryotic transcription factors: paradigms of protein intrinsic disorder. *Biochemical Journal*, 474(15), 2509-2532., @2017

---

## 2016

---

- 580.** Fidanova, S., **Roeva, O.** InterCriteria Analysis of Ant Colony Optimization Application to GPS Surveying Problems. *Issues in Intuitionistic Fuzzy Sets and Generalized Nets*, 12, 2016, ISBN:979-83-61551-13-3, 20-38

Lumupa ce e:

2835. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 226-235., @2017
581. **Krasteva V, Jekova I**, Leber R, Schmid R, Abächerli R. Real-time arrhythmia detection with supplementary ECG quality and pulse wave monitoring for the reduction of false alarms in ICUs. *Physiological Measurement*, 37, IOPscience, 2016, ISSN:0967-3334, DOI:10.1088/0967-3334/37/8/1273, 1273-1297. ISI IF:1.576  
*Lumupa ce e:*
2836. Riphagen S, Feiner S, Hovenier R, (2017), Een Alarmerend Probleem: het reduceren van valse aritmie alarmeren op de Spoedeisende Hulp door het combineren van het elektrocardiogram met het fotoplethysmogram, *Student Undergraduate Research E-journal*, vol.3 (2017), 4 pages, ISSN: 2468-0443; N7, @2017
2837. Li Y, Tang X, (2017), Grid mapping: a novel method of signal quality evaluation on a single lead electrocardiogram. *Australas Phys Eng Sci Med* (2017), pp. 1-13, <https://doi.org/10.1007/s13246-017-0594-7>, ISSN: 0158-9938, <https://link.springer.com/article/10.1007/s13246-017-0594-7>; N11., @2017
2838. Voigt LP, Reynolds K, Mehryar M, Chan WS, Kostecky N, Pastores SM, Halpern NA, (2017), Monitoring sound and light continuously in an intensive care unit patient room: A pilot study, *Journal of Critical Care*, vol. 39, pp.36-39, <http://dx.doi.org/10.1016/j.jcrc.2016.12.020>, ISSN: 0883-9441; N26., @2017
582. Fidanova S., **Roeva O.**. InterCriteria analysis of different metaheuristics applied to E. coli cultivation process. *Numerical Methods for Scientific Computations and Advanced Applications*, 2016, ISBN:978-619-7223-18-7, 21-25  
*Lumupa ce e:*
2839. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 226-235, @2017
583. Fidanova S., **Roeva O.**, Gepner P., Paprzycki, M. InterCriteria analysis of ACO start strategies. *Proceedings of the 2016 Federated Conference on Computer Science and Information Systems (FedCSIS 2016)*, 2016, ISBN:978-83-60810-90-3, 547-550  
*Lumupa ce e:*
2840. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 226-235, @2017
584. Fidanova S., **Roeva O.**, Mucherino, A., Kapanova, K.. InterCriteria analysis of ant algorithm with environment change for GPS surveying problem. *Lecture Notes in Computer Science*, 9883, Springer, 2016, ISBN:978-1-61804-327-6, 271-278. SJR:0.315  
*Lumupa ce e:*
2841. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 226-235, @2017
585. **Ribagin S.**, Shannon, A., **Atanassov, K.**. Intuitionistic Fuzzy Evaluations of the Elbow Joint Range of Motion. *Novel Developments in Uncertainty Representation and Processing*, series *Advances in Intelligent Systems and Computing*, 401, Springer, 2016, 225-230  
*Lumupa ce e:*
2842. Sotirova E., Bureva V., Markovska I., Sotirov S., Vankova D. (2017) Application of the InterCriteria Analysis Over Air Quality Data. In: Christiansen H., Jaudoin H., Chountas P., Andreassen T., Legind Larsen H. (eds) *Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science*, vol 10333. Springer, Cham, @2017
2843. Bureva, Veselina ; Alžbeta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017
586. **Roeva, O.**, S. Fidanova, Marcin Paprzycki. InterCriteria Analysis of ACO and GA Hybrid Algorithms. *Studies in Computational Intelligence*, 610, Springer, 2016, ISBN:978-3-319-21133-6, DOI:10.1007/978-3-319-21133-6\_7, 107-126.

Lumupa ce e:

**2844.** Sotirova E., Bureva V., Markovska I., Sotirov S., Vankova D., Application of the intercriteria analysis over air quality data, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10333 LNAI, 2017, pp.226-235., @2017

**587. Pencheva, T., Angelova, M., Vassilev, P., Roeva, O.** InterCriteria Analysis Approach to Parameter Identification of a Fermentation Process Model. Novel Developments in Uncertainty Representation and Processing, Vol. 401 of Advances in Intelligent Systems and Computing, Springer, 2016, ISBN:978-3-319-26210-9, 385-397

Lumupa ce e:

**2845.** Sotirova E., V. Bureva, I. Markovska, S. Sotirov, D. Vankova, Application of the InterCriteria Analysis Over Air Quality Data, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 226-235., @2017

**2846.** Atanassova V., New Modified Level Operator Ngama over Intuitionistic Fuzzy Sets, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 209-214, @2017

**588. Roeva, O., Pencheva, T., Angelova, M., Vassilev, P.** InterCriteria Analysis by Pairs and Triples of Genetic Algorithms Application for Models Identification. Recent Advances in Computational Optimization, Vol. 655 of Studies in Computational Intelligence, 2016, ISBN:978-3-319-40132-4, DOI:10.1007/978-3-319-40132-4\_12, 193-218. SJR:0.246

Lumupa ce e:

**2847.** Atanassova, V., L. Doukovska, G. De Tré, I. Radeva. Intercriteria analysis and comparison of innovation-driven and efficiency-to-innovation driven economies in the European Union. "Notes on IFS", Volume 23, 2017, Number 3, pages 54—68, @2017

**589. Pencheva, T., Roeva, O., Shannon, A.** Generalized Net Models of Basic Genetic Algorithm Operators. Imprecision and Uncertainty in Information Representation and Processing, Vol. 332 of Studies in Fuzziness and Soft Computing, 2016, ISBN:978-3-319-26302-1, 305-325. SJR:0.158

Lumupa ce e:

**2848.** Petkov T., P. Jovcheva, Z. Tomov, S. Simeonov, S. Sotirov, A Generalized Net Model of the Neocognitron Neural Network, Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017), London, UK, June 21-22, 2017, 249-259., @2017

**2849.** Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, International Journal Bioautomation, 2017, 21(1), 133-144., @2017

**2850.** Bureva V., P. Yovcheva, S. Sotirov, Generalized Net Model of Fingerprint Recognition with Intuitionistic Fuzzy Evaluations, In: Kacprzyk J., E. Szmidt, S. Zadrożny, K. Atanassov, M. Krawczak (Eds), Advances in Fuzzy Logic and Technology, vol. 641 of Advances in Intelligent Systems and Computing, 2017, 286-294., @2017

**2851.** Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017

**2852.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017

**590. Andonov, V., Ribagin, S.** Generalized Net Model for the Diagnosis of Asymptomatic Osteoporosis. Issues in IFSs and GNs, 12, 2016, ISBN:978-83-61551-13-3, 114-128

Lumupa ce e:

**2853.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017

**591. Georgieva, V., Angelova, N., Roeva, O., Pencheva, T.** Simulation of Parallel Processes in Wastewater Treatment Plant Using Generalized Net Integrated Development Environment. Comptes rendus de l'Académie bulgare des Sciences, 69, 11, 2016, ISSN:1310-1331, 1493-1502. ISI IF:0.251

Lumupa ce e:

**2854.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in IFSs and GNs, Vol. 13, 2017, 1–60, @2017

**592.** Petrov P, Mokreva P, Kostov I, **Uzunova V, Tzoneva R.** Novel electrically conducting 2-hydroxyethylcellulose/polyaniline nanocomposite cryogels: synthesis and application in tissue engineering. Carbohydrate polymers, Elsevier, 2016, ISSN:0144-8617, ISI IF:4.074

Lumupa ce e:

**2855.** M. Shahadat, M. Zain Khan, P. Fatemeh Rupani, A. Embrandiri, S. Sultana, Sh. Ziauddin Ahammad, S. Wazed Ali, T.R.Sreekrishnana. "A critical review on the prospect of polyaniline-grafted biodegradable nanocomposite". Advances in Colloid and Interface Science, 6 September 2017., @2017

**2856.** Коновалова Мария Владимировна. "ПОЛУЧЕНИЕ И ИССЛЕДОВАНИЕ ПРОТИВОСПАЕЧНЫХ БАРЬЕРНЫХ МАТЕРИАЛОВ НА ОСНОВЕ БИОПОЛИМЕРОВ ПЕКТИНА И ХИТОЗАНА". Федеральное государственное учреждение «Федеральный исследовательский центр, «Фундаментальные основы биотехнологии», Российской академии наук», Институт биоинженерии, Москва – 2017, @2017

**2857.** Stejskal, Jaroslav, et al. "Polyaniline Cryogels Supported with Poly(vinyl alcohol): Soft and Conducting", Macromolecules, 2017, @2017

**2858.** Dutra, Flavia, et al. "Polyaniline-deposited cellulose fiber composite prepared via in situ polymerization: enhancing adsorption properties for removal of meloxicam from aqueous media". RSC Advances, 2017, @2017

**2859.** Suner, Selin, et al. "Humic acid particle embedded super porous gum Arabic cryogel network for versatile use". Polymers for Advanced Technologies, 2017, @2017

**2860.** Zarrintaj, Payam, et al. "A Novel Electroactive Agarose-Aniline Pentamer Platform as a Potential Candidate for Neural Tissue Engineering". Scientific Reports, 2017, @2017

**2861.** Jaroslav Stejskal, "Conducting polymer hydrogels". Chemical Papers February 2017, Volume 71, Issue 2, pp 269–291, @2017

**2862.** Jaroslav Stejskal, Patrycja Bober, Miroslava Trchov, Adriana Kovalcik, Jiří Hodan, Jiřina Hromádková, and Jan Prokeš, Polyaniline Cryogels Supported with Poly(vinyl alcohol): Soft and Conducting". Macromolecules, 2017, 50 (3), pp 972–978, @2017

**593. Todorova L., P. Vassilev, J. Surchev.** Using Phi Coefficient to Interpret Results Obtained by InterCriteria Analysis. Advances in Intelligent Systems and Computing, 401, Springer, 2016, ISBN:3319262114, 9783319262116, 231-239

Lumupa ce e:

**2863.** ROEVA, Olympia; FIDANOVA, Stefka. "Comparison of different metaheuristic algorithms based on InterCriteria analysis". Journal of Computational and Applied Mathematics, 2017., @2017

**2864.** ATANASSOVA, Vassia. "New Modified Level Operator Ny Over Intuitionistic Fuzzy Sets". In: International Conference on Flexible Query Answering Systems. Springer, Cham, p. 209-214, 2017, @2017

**594. Roeva, O., Vassilev, P., Angelova, M., Su, J., Pencheva, T..** Comparison of Different Algorithms for InterCriteria Relations Calculation. IEEE 8th International Conference on Intelligent Systems, 2016, ISBN:978-1-5090-1353-1, 567-572

Lumupa ce e:

**2865.** Atanassova V., L. Doukovska, G. De Tré, I. Radeva. Intercriteria Analysis and Comparison of Innovation-driven and Efficiency-to-innovation Driven Economies in the European Union, Notes on Intuitionistic Fuzzy Sets, 2017, 23(3), 54-68, @2017

**595. Vladkova, R..** Chlorophyll a is the crucial redox sensor and transmembrane signal transmitter in the cytochrome b6f complex. Components and mechanisms of state transitions from the hydrophobic mismatch viewpoint. Journal of Biomolecular Structure and Dynamics, 34, 4, Taylor & Francis, 2016, ISSN:0739-1102, DOI:10.1080/07391102.2015.1056551, 824-854. ISI IF:3.123

Lumupa ce e:

**2866.** Luján MA, Lorente P, Zazubovich V, Picorel R (2017) A simple and efficient method to prepare pure dimers and monomers of the cytochrome b6f complex from spinach. Photosynthesis Research 132(3):305-309., @2017

**2867.** Fristedt R, Trotta A, Suorsa M, Nilsson AK, Croce R, Aro EM, Lundin B (2017) PSB33 sustains photosystem II D1 protein under fluctuating light conditions. Journal of Experimental Botany 68(15): 4281-4293., @2017

**596. Ribagin S., Roeva O., Pencheva T..** Generalized Net Model of Asymptomatic Osteoporosis Diagnosing. IEEE 8th International Conference on Intelligent Systems, 2016, ISBN:978-1-5090-1353-1, 604-608

Lumupa ce e:

- 2868.** Petkov T., Jovcheva P., Tomov Z., Simeonov S., Sotirov S. (2017) A Generalized Net Model of the Neocognitron Neural Network. In: Christiansen H., Jaudoin H., Chountas P., Andreassen T., Legind Larsen H. (eds) Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science, vol 10333. Springer, Cham, pp 249-259, @2017
- 2869.** Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, Int J Bioautomation, 2017, 21(1), 133-144, @2017
- 2870.** Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017., @2017
- 2871.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
- 597. Todinova, S.,** Guncheva, M., Yancheva, D.. Thermal and conformational stability of insulin in the presence of imidazolium-based ionic liquids. Journal of Thermal Analysis and Calorimetry, 123, 3, 2016, ISSN:13886150, DOI:10.1007/s10973-016-5287-z, 2591-2598. SJR:0.612, ISI IF:1.74
- Цитира се в:
- 2872.** Paula Larangeira Garcia Martins a, b, Anna Rafaela Braga a, Veridiana Vera de Rosso, Can ionic liquid solvents be applied in the food industry? Trends in Food Science & Technology, 66 (2017) 117-124, @2017
- 2873.** Hui-Chun Jiang, Wei-Cheng Lin, Min Hua, Xu-Hai Pan, Chi-Min Shu, Jun-Cheng Jiang, Analysis of kinetics of thermal decomposition of melamine blended with phosphorous ionic liquid by green approach. J Therm Anal Calorim., 2017, 1-11, @2017
- 598. Sashka Krumova, Svetla Todinova,** Milena Tileva, Latifa Bouzahir-Sima, Marten H Vos, Ursula Liebl, **Stefka G Taneva.** Thermal stability and binding energetics of thymidylate synthaseThyX. International Journal of Biological Macromolecules, 91, 2016, DOI:http://dx.doi.org/10.1016/j.jbiomac.2016.05.083, 560-567. SJR:0.815, ISI IF:3.138
- Цитира се в:
- 2874.** Oliveira C. & Domingues L., Guidelines to reach high-quality purified recombinant protein. Appl Microbiol Biotechnol, 2017, 1–12, @2017
- 599. Alexandrov A.S.,** Vassileva P., **Momchilova A.,** Tsonchev Z., Kirilova Y., Ivanova R., Sapundzhiev P., **Petkova D., Tzoneva R.,** Daskalov M., Orozova M., Kenarov P.. A NEW APPROACH USING NANOMEMBRANE - BASED THERAPEUTIC PLASMAPHERESIS FOR TREATMENT OF PATIENTS WITH MULTIPLE SCLEROSIS AND NEUROMYELITIS OPTICA. Proceedings of the Bulgarian Academy of Sciences, 69, 3, 2016, ISSN:1310–1331, 373-384. ISI IF:0.284
- Цитира се в:
- 2875.** 100 ГОДИНИ МЕДИЦИНСКИ ФАКУЛТЕТ (1917-2017), Редактор проф. Минчо Георгиев, Катедра по анестезиология и интензивно лечение, Издателска къща "Св. Георги Победоносец" ЕООД, 2017 ISBN 978-619-7283-13-6, 133-138, 2017., @2017
- 600. Stratiev D., Sotirov S., Shishkova I., Nedelchev A., Sharafutdinov I., Vely A., Mitkova M., Yordanov D., Sotirova E., Atanassova V., Atanassov K., Stratiev D. D., Rudnev N., Ribagin S.** Investigation of relationships between bulk properties and fraction properties of crude oils by application of the intercriteria analysis. Petroleum Science and Technology, 34, 13, Taylor & Francis, 2016, 1113-1120. ISI IF:0.418
- Цитира се в:
- 2876.** Roeva, O., Vassilev, P., & Chountas, P. (2017). Application of Topological Operators over Data from InterCriteria Analysis. In International Conference on Flexible Query Answering Systems (pp. 215-225). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_19](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_19), @2017
- 2877.** Roeva, O., & Fidanova, S. (2017). Comparison of different metaheuristic algorithms based on InterCriteria analysis. Journal of Computational and Applied Mathematics. <https://doi.org/10.1016/j.cam.2017.07.028>, @2017
- 601. Stefanov, M., Yotsova, E., Rashkov, G.,** Ivanova, K., Markovska, Y., **Apostolova, E.L.** Effects of salinity on the photosynthetic apparatus of two Paulownia lines. Plant Physiol. Biochem., 101, 2016, ISSN:ISSN: 0981-9428, ISI IF:2.928
- Цитира се в:
- 2878.** M. Chaires, D. Gupta, N. Joshee, K.K. Cooper, C. Basu, RNA-seq analysis of the salt stress-induced transcripts in fast-growing bioenergy tree, Paulownia elongata, Journal of Plant Interactions 12(1):128-136, @2017
- 2879.** D. Yang, J. Zhang, M. Li, L. Shi , Metabolomics Analysis Reveals the Salt-Tolerant Mechanism in Glycine soja, Journal of Plant Growth Regulation, 36 (2), 460-471, @2017

- 2880.** Zafar Ullah Zafar, Hamid Manzoor, Sumaira Rasul, Sibgha Noreen, Qasim Ali, Muhammad Iqbal, Muhammad Javed, Hafiza Saima Gul, Zara Ahmad, Faisal Shahzad, Chukwuma C. Ogbaga, Habib-ur-Rehman Athar, and M. Ashraf , Strategies to Improve Crop Salt and Drought Tolerance: Success and limitations, In: Quality and Quantum Improvement in Field Crops, Chapter: 11, Publisher: AGROBIOS (INDIA), Editors: C. P. MALIK, SHABIR HUSSAIN WANI, HIMAKSHI BHATI - KUSHWAHA, RITESH KAUR, pp.265-298, @2017
- 2881.** Yuping Jiang , Xiaotao Ding , Dong Zhang Qi Deng, Chihli Yu, Suping Zhou, Dafeng Hui (2017) Soil salinity increases the tolerance of excessive sulfur fumigation stress in tomato plants, Environmental and Experimental Botany, 133, 70-77 DOI:10.1016/j.envexpbot.2016.10.002, @2017
- 2882.** Syed Haleem Shah , Rasmus Houborg and Matthew F. McCabe, Response of Chlorophyll, Carotenoid and SPAD-502 Measurement to Salinity and Nutrient Stress in Wheat (Triticum aestivum L.), Agronomy 2017, 7(3), 61; doi:10.3390/agronomy7030061, @2017
- 2883.** B. Sabari, S. Balandnazor, N. Ghaderi, J. Ghashghaie, Genotypic differences in physiological and biochemical responses to salinity stress in melon ( Cucumis melo L.) plants: Prospects for selection of salt tolerant landraces, Plant Physiology and Biochemistry 119, 294-311., @2017
- 602. Vassilev, P, Stoyanov, T.** On a new ordering between intuitionistic fuzzy pairs. 8th European Symposium on Computational Intelligence and Mathematics. Sofia (Bulgaria), October 5th – 8th, 2016., 2016, ISBN:978-84-617-5119-8, 77-80
- Lumupa ce s:
- 2884.** Atanassova, V., L. Doukowska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, Volume 23 (2017), Number 2, 1-7, @2017
- 603. Svetla Todinova,** Deyan Mavrov, **Sashka Krumova,** Pencho Marinov, **Vassia Atanassova,** **Krassimir Atanassov,** **Stefka G. Taneva.** Blood Plasma Thermograms Dataset Analysis by Means of InterCriteria and Correlation Analyses for the Case of Colorectal Cancer. INT. J. BIOAUTOMATION, 20, 1, 2016, 115-124. SJR:0.25
- Lumupa ce s:
- 2885.** Ribagin, Simeon ; Peter Vassilev, Tania Pencheva and Sławomir Zadrozny. Intuitionistic fuzzy generalized net model of adolescent idiopathic scoliosis classification and the curve progression probability. "Notes on IFS", Volume 23, 2017, Number 3, pages 88—95, @2017
- 2886.** Roeva, O., & Fidanova, S. (2017). Comparison of different metaheuristic algorithms based on InterCriteria analysis. Journal of Computational and Applied Mathematics. <https://doi.org/10.1016/j.cam.2017.07.028>, @2017
- 2887.** Roeva, O., Vassilev, P., & Chountas, P. (2017, June). Application of Topological Operators over Data from InterCriteria Analysis. In International Conference on Flexible Query Answering Systems (pp. 215-225). Springer, Cham., @2017
- 604. Ilkova, T., Petrov, M.** InterCriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgarian Section. Notes on Intuitionistic Fuzzy Sets, 22, 3, Prof. Marin Drinov, Publishing House of Bulgarian Academy of Sciences, 2016, ISSN:1310-4926, Online ISSN 2367-8283, 120-130
- Lumupa ce s:
- 2888.** Roeva O., P. Vassilev, P. Chountas (2017). Application of Topological Operators over Data from InterCriteria Analysis, International Conference on Flexible Query Answering Systems FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333), pp 215-225, @2017
- 605. Jekova I, Krasteva V,** Leber R, Schmid R, Twerenbold R, Müller C, Reichlin T, Abächerli R. Intersubject variability and intrasubject reproducibility of 12-lead ECG metrics: Implications for human verification. Journal of Electrocardiology, 49, 6, Elsevier, 2016, ISSN:0022-0736, DOI:<http://dx.doi.org/10.1016/j.jelectrocard.2016.07.021>, 784-789. ISI IF:1.29
- Lumupa ce s:
- 2889.** Šprager S, Trobec R, Jurič M, (2017), Feasibility of biometric authentication using wearable ECG body sensor based on higher-order statistics, Proc. 40th jubilee international convention on information and communication technology, electronics and microelectronics MIPRO 2017, May 22 - 26, 2017, Opatija, Croatia, pp. 283-288, [http://docs.mipro-proceedings.com/dcviz/dcviz\\_17\\_4569.pdf](http://docs.mipro-proceedings.com/dcviz/dcviz_17_4569.pdf) ; N12., @2017
- 606. Gerganova, M., Popova, A.V., Stanoeva, D., Velitchkova, M.** Tomato plants acclimate better to elevated temperature and high light than to treatment with each factor separately. Plant Physiology and Biochemistry, 104, 2016, ISSN:0981-9428, DOI:[doi.org/10.1016/j.plaphy.2016.03.030](https://doi.org/10.1016/j.plaphy.2016.03.030), 234-241. ISI IF:2.928

Лумупа се в:

2890. Luigi C.L., Mauro M.L., Marvasi M., Bettini P.P., 2017, The ROLB oncogene improves photosynthesis efficiency and chlorophyll content in transgenic tomato (*Solanum lycopersicum* L.) plants, Conference paper, Sustainability of agricultural environment: Contributions of plant genetics and physiology at Pisa., @2017
2891. Lu T., Meng Z., Zhang G., Qi M., Sun Z., Liu Y., Li T., 2017, Sub-high Temperature and High Light Intensity Induced Irreversible Inhibition on Photosynthesis System of Tomato Plant (*Solanum lycopersicum* L.), *Frontiers in Plant Science*, 8:365. DOI:10.3389/fpls.2017.00365, @2017
2892. Zuo Z., Tan J., Li L., Mao H., Zhang X., Qin L., Lv T., Zhuo M., 2017, Modelling of tomato stem diameter growth rate based on physiological responses, *Pakistan Journal of Botany*, 49 (4) 1429-1434., @2017
2893. Кирпа-Несміян Т. М. 2017, Дослідження гетерологічної експресії генів десатураз ціанобактерій у вищих рослинах, Київ – 2017, PhD, @2017
2894. Yuan L., Yuan Y., Liu S., Wang J., Zhu S., Chen G., Hou J., Wang C., 2017, Influence of High Temperature on Photosynthesis, Antioxidative Capacity of Chloroplast, and Carbon Assimilation among Heat-tolerant and Heat-susceptible Genotypes of Nonheading Chinese Cabbage, doi: 10.21273/HORTSCI12259-17 *HortScience* November 2017 vol. 52 no. 11 1464-1470., @2017
2895. Spicher L., Almeida J., Gutbrod K., Pipitone R., Dörmann P., Glauser G., Rossi M., Kessler F., 2017, Essential role for phytol kinase and tocopherol in tolerance to combined light and temperature stress in tomato, *Journal of Experimental Botany*, erx356, <https://doi.org/10.1093/jxb/erx356>, @2017

607. Faik, A., Popova, A.V., Velitchkova, M.. Effects of long-term action of high temperature and high light on the activity and energy interaction of both photosystems in tomato plants. *Photosynthetica*, 54, 4, 2016, DOI:DOI:10.1007/s11099-016-0644-5, 611-619. ISI IF:1.558

Лумупа се в:

2896. Spicher L., Almeida J., Gutbrod K., Pipitone R., Dörmann P., Glauser G., Rossi M., Kessler F., Essential role for phytol kinase and tocopherol in tolerance to combined light and temperature stress in tomato, *Journal of Experimental Botany*, erx356, <https://doi.org/10.1093/jxb/erx356>, , @2017

608. Roeva, O., Vassilev, P.. InterCriteria Analysis of Generation Gap Influence on Genetic Algorithms Performance. *Novel Developments in Uncertainty Representation and Processing*, series *Advances in Intelligent Systems and Computing*, 401, Springer, 2016, ISBN:978-3-319-26210-9, DOI:10.1007/978-3-319-26211-6\_26, 301-313. SJR:0.153

Лумупа се в:

2897. Sotirova E., Veselina Bureva, Irena Markovska, Sotir Sotirov, Desislava Vankova, Application of the InterCriteria Analysis Over Air Quality Data, 2017, *International Conference on Flexible Query Answering Systems, FQAS 2017: Flexible Query Answering Systems, Part of the Lecture Notes in Computer Science book series (LNCS, volume 10333)*, pp 226-235, @2017
2898. Atanassova V. (2017) New Modified Level Operator Ny Over Intuitionistic Fuzzy Sets. In: Christiansen H., Jaudoin H., Chountas P., Andreasen T., Legind Larsen H. (eds) *Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science*, vol 10333. Springer, Cham, pp 209-214, @2017

609. Roeva, O., Atanassova, V.. Generalized net model of Cuckoo search algorithm. *Intelligent Systems (IS)*, 2016 IEEE 8th International Conference on, IEEE, 2016, ISBN:978-1-5090-1354-8, DOI:10.1109/IS.2016.7737485, 589-592

Лумупа се в:

2899. Petkov, T., Jovcheva, P., Tomov, Z., Simeonov, S., & Sotirov, S. (2017, June). A Generalized Net Model of the Neocognitron Neural Network. In *International Conference on Flexible Query Answering Systems* (pp. 249-259). Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-319-59692-1\\_22](https://link.springer.com/chapter/10.1007/978-3-319-59692-1_22), @2017
2900. Georgieva, V. (2017). Generalized Net Model of Mechanical Wastewater Pre-treatment. *International Journal Bioautomation*, 21(1), 133-144. [http://www.biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_10.pdf](http://www.biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_10.pdf), @2017
2901. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води. Дисертация, ИБФБМИ-БАН, София, 2017, @2017
2902. Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. *A Survey, Issues in IFSs and GNs*, Vol. 13, 2017, 1-60., @2017

610. Doukovska, Lyubka, Shahpazov, George, Atanassova, Vassia. Intercriteria analysis of the creditworthiness of SMEs. A case study. *Notes on Intuitionistic Fuzzy Sets*, 22, 2, Bulgarian Academy of Sciences, 2016, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 108-118

Лумупа се в:

- 2903.** Bureva, Veselina; Alžběta Michalíková, Evdokia Sotirova, Stanislav Popov, Beloslav Riečan and Olympia Roeva. Application of the InterCriteria Analysis to the universities rankings system in the Slovak Republic. "Notes on IFS", Volume 23, 2017, Number 2, pages 128—140, @2017
- 2904.** Kacprzyk, A., S. Sotirov, E. Sotirova, D. Shopova and P. Georgiev. Application of intercriteria analysis in the finance and accountancy positions. "Notes on IFS", Volume 23, 2017, Number 4, pages 84—90, @2017
- 611.** Sotirov, Sotir, Sotirova, Evdokia, Melin, Patricia, Castillo, Oscar, **Atanassov, Krassimir**. Modular Neural Network Preprocessing Procedure with Intuitionistic Fuzzy InterCriteria Analysis Method. Advances in Intelligent Systems and Computing, 400, Springer, 2016, ISBN:978-3-319-26153-9, ISSN:2194-5357, DOI:10.1007/978-3-319-26154-6\_14, 175-186. SJR:0.13
- Lumupa ce e:
- 2905.** Kostadinov, T., V. Bureva. Pattern recognition with intuitionistic fuzzy estimations. "Notes on IFS", Volume 23, 2017, Number 2, pages 88—94, @2017
- 612.** **Todorova, L.,** Ignatova, V., **Hadjitodorov, S, Vassilev, P..** Generalized Net Model for Monitoring the Degree of Disability in Patients with Multiple Sclerosis Based on Neurophysiologic Criteria. "Studies in Fuzziness and Soft Computing", Springer Series, 332, Springer, 2016, ISSN:1434-9922, DOI:10.1007/978-3-319-26302-1\_18, 289-303
- Lumupa ce e:
- 2906.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017
- 613.** **Atanassov K..** Generalized nets as a tool for the modelling of data mining processes. Studies in Computational Intelligence, 623, Springer Verlag, 2016, 161-215. SJR:0.187
- Lumupa ce e:
- 2907.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
- 614.** Perez J., Valdez F., **Roeva O.,** Castillo O.. Parameter adaptation of the Bat Algorithm, using type-1, interval type-2 fuzzy logic and intuitionistic fuzzy logic. Notes on Intuitionistic Fuzzy Sets, 22, 2, 2016, ISSN:1310–4926, 87-98
- Lumupa ce e:
- 2908.** Melin, Patricia ; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
- 615.** Orozova D., **Atanassov K.,** Todorova M.. Generalized net model of the process of personalization and usage of an e-learning environment. Proceedings of the Jangjeon Mathematical Society, 19, 4, Jangjeon Research Institute for Mathematical Sciences and Physics, 2016, 615-624. SJR:0.828
- Lumupa ce e:
- 2909.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
- 616.** **Roeva O., V. Atanassova.** Cuckoo Search Algorithm for Model Parameter Identification. Int J Bioautomation, 20, 4, 2016, ISSN:1314-2321, 483-492. SJR:0.164
- Lumupa ce e:
- 2910.** Intissar Khoja, Taoufik Ladhari, Faouzi M'sahli, and Anis Sakly, Cuckoo Search Approach for Parameter Identification of an Activated Sludge Process, Computational Intelligence and Neuroscience, 2017, <https://www.hindawi.com/journals/cin/aip/3476851/>, @2017
- 617.** **Roeva O.,** J. Perez, F. Valdez, O. Castillo. InterCriteria Analysis of Bat Algorithm with Parameter Adaptation Using Type-1 and Interval Type-2 Fuzzy Systems. Notes on Intuitionistic Fuzzy Sets, 22, 3, 2016, ISSN:1310–4926, 91-105
- Lumupa ce e:
- 2911.** Melin, Patricia; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
- 2912.** SS Choong, LP Wong, CP Lim, A dynamic fuzzy-based dance mechanism for the bee colony optimization algorithm, Computational Intelligence, 2017, 1-26, <https://doi.org/10.1111/coin.12159>, @2017

618. Guncheva, M., Paunova, K., Ossowicz, P., Rozwadowski, Z., Janus, E., Idakieva, K., **Todinova, S.**, Raynova, Y., **Uzunova, V.**, Apostolova, S., **Tzoneva, R.**, Yancheva, D.. Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer activity. International journal of biological macromolecules, 82, Elsevier, 2016, ISSN:0141-8130, DOI:10.1016/j.ijbiomac.2015.10.031, 798-805. ISI IF:2.86  
Lumupa ce e:  
2913. Coates CJ, Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin. Cell Mol Life Sci. 2017, @2017
619. **Simov D.** Review of electrocardiographic changes in certain cardiovascular physiological and pathological settings. Impact on coronary artery bypass grafting. Int. J. of Bioautomation, 20, 1, 2016, ISSN:ISSN: 1314-2321, SJR:0.25  
Lumupa ce e:  
2914. Hossen A, Jaju D, Al-Abri M, Al-Sabti H, Mukaddirov M, Hassan M, Al-Hashmi K (2017) Investigation of heart rate variability of patients undergoing coronary artery bypass grafting (CABG). Technology and Health Care, 25, (2), pp. 197-210., @2017
620. **Popova A.V.**, Hincha D.K.. Effects of flavonol glycosides on liposome stability during freezing and drying. Biochim. Biophys. Acta, Biomembranes, 1858, 12, 2016, 3050-3060. ISI IF:3.687  
Lumupa ce e:  
2915. Zhang, M., Wang, X., Han, M.K., Collins, J.F., Merin, D., 2017, Oral administration of ginger-derived nanolipids loaded with siRNA as a novel approach for efficient siRNA drug delivery to treat ulcerative colitis, Nanomedicine, 12 (16) 1927-1943, @2017  
2916. Rasouli H., Farzaei M.H., Khodarahmi R., 2017, Polyphenols and their benefits: A review, International Journal of Food Properties, 20, 1700-1741, doi.org/10.1080/10942912.2017.1354017, @2017  
2917. Marin D., Aleman A., Montero P., Gomez-Guillen M.C., 2017, Encapsulation of food waste compounds in soy phosphatidylcholine liposomes: Effect of freeze-drying, storage stability and functional aptitude, Journal of Food Engineering, 223, 132-143, @2017  
2918. Umagiliyage A.L., Becerra-Mora N., Kohli, P., Fisher D.J., Choudhary R., 2017, Antimicrobial efficacy of liposomes containing D-limonene and its effect on the storage life of blueberries, Postharvest Biology and Technology, 128, 1 June 2017, 130-137, @2017
621. **Todorova, R.**, Atanasov, A.T.. Haberlea rhodopensis: pharmaceutical and medical potential as a food additive.. Natural Product Research : Formerly Natural Product Letters, 30, 5, Taylor & Francis, 2016, ISSN:1478-6419 (Print), 1478-6427 (Online), DOI:DOI:10.1080/14786419.2015.1028058, 507-529. SJR:0.35, ISI IF:0.919  
Lumupa ce e:  
2919. ELISAVETA G. APOSTOLOVA, VESELA KOKOVA, ZHIVKO PEYCHEV, STELA PEYCHEVA, APOSTOL APOSTOLOV. EFFECT OF FUCOIDAN, HABERLEA RHODOPENSIS AND PROPOLIS ON MOBILIZATION OF THE CD34+ STEM CELLS IN RATS. FARMACIA, 2017, Vol. 65, 4, 567- 570., @2017
622. Dobrev D, **Neycheva T.** Automatic Common Mode Electrode-amplifier Impedance Balance with SPLL Synchronization. 2016 XXV INTERNATIONAL SCIENTIFIC CONFERENCE ELECTRONICS (ET), IEEE, 2016, ISSN:print ISBN: 978-1-5090-2884-9, DOI:10.1109/ET.2016.7753473, 5-8  
Lumupa ce e:  
2920. Sujadevi V.G., Soman K.P., Kumar S.S., Mohan N. (2018) A Novel Cyclic Convolution Based Regularization Method for Power-Line Interference Removal in ECG Signal. In: Thampi S.M., Krishnan S., Corchado Rodriguez J.M., Das S., Wozniak M., Al-Jumeily D. (eds) Advances in Signal Processing and Intelligent Recognition Systems. SIRS 2017. Advances in Intelligent Systems and Computing, vol 678. Springer, Cham, @2017
623. **Ilkova, T., O. Roeva, P. Vassilev, M. Petrov.** InterCriteria Analysis in Structural and Parameter Identification of L-lysine Production Model. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 12, 2016, ISBN:979-83-61551-13-3, 39-52  
Lumupa ce e:  
2921. Sotirova E., V Bureva, I Markovska, S Sotirov (2017). Application of the InterCriteria Analysis Over Air Quality Data, International Conference on Flexible Query Answering Systems FQAS 2017, Flexible Query Answering Systems, pp 226-235, @2017

624. Angelova, V., Valcheva, V., **Pencheva, T.**, Voynikov, Y., Vassilev, N., Mihaylova, R., Momekov, G., Shivachev, B.. Synthesis, Antimycobacterial Activity and Docking Study of 2-aryol-[1]benzopyrano[4,3-c]pyrazol-4(1H)-one Derivatives and Related Hydrazone-hydrazones. *Bioorganic & Medicinal Chemistry Letters*, 27, 13, 2017, ISSN:0960-894X, 2996-3002. ISI IF:2.454  
*Lumupa ce e:*  
2922. Popiolek Ł., A. Biernasiuk, A. Berecka, A. Gumieniczek, A. Malm, M. Wujec, New Hydrazone-hydrazones of Isonicotinic Acid: Synthesis, Lipophilicity and in vitro Antimicrobial Screening, *Chremical Boiology and Drug Design*, 2017, doi: 10.1111/cbdd.13158., @2017
625. **Atanassov, Krassimir**, Szmidt, Eulalia, Kacprzyk, Janusz. Intuitionistic fuzzy implication  $\rightarrow$ 188. *Notes on Intuitionistic Fuzzy Sets*, 23, 1, 2017, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 6-13  
*Lumupa ce e:*  
2923. Atanassova, L. Intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 1, pages 14—20, @2017  
2924. Atanassova, L. Properties of the intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 4, pages 10—14, @2017
626. **Al Sharif, M., Alov, P., Vitcheva, V., Diukendjieva, A., Mori, M., Botta, B., Tsakovska, I., Pajeva, I.** Natural modulators of nonalcoholic fatty liver disease: Mode of action analysis and in silico ADME-Tox prediction. *Toxicol Appl Pharmacol*, 337, Elsevier, 2017, ISSN:0041-008X, DOI:10.1016/j.taap.2017.10.013, 45-66. ISI IF:3.791  
*Lumupa ce e:*  
2925. Fereshteh Shiri, Somayeh Pirhadi & Azita Rahmani "Identification of new potential HIV-1 reverse transcriptase inhibitors by QSAR modeling and structure-based virtual screening". *Journal of Receptors and Signal Transduction*, DOI: 10.1080/10799893.2017.1414844, 2017, @2017
627. Labbé, C., **Pencheva, T., Jereva, D., Desvillechabrol, D., Becot, J., Villoutreix, B., Pajeva, I., Miteva, M.** AMMOS2: A Web Server for Protein-ligand-water Complexes Refinement via Molecular Mechanics. *Nucleic Acids Research*, 45(W1), 2017, ISSN:0305-1048, EISSN 1362-4962, W350-W355. ISI IF:10.162  
*Lumupa ce e:*  
2926. Minkiewicz P, Iwaniak A, Darewicz M. Annotation of Peptide Structures Using SMILES and Other Chemical Codes-Practical Solutions. *MOLECULES*. 2017 Nov 27;22 (12). pii: E2075. doi: 10.3390/molecules22122075, @2017
628. Oscar Castillo, Eduardo Ramirez, **Olympia Roeva**. Water cycle algorithm augmentation with fuzzy and intuitionistic fuzzy dynamic adaptation of parameters. *Notes on Intuitionistic Fuzzy Sets*, 23, 1, 2017, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 79-94  
*Lumupa ce e:*  
2927. Melin, Patricia; Daniela Sánchez and Pencho Marinov. Intuitionistic fuzzy logic adaptation of particle swarm optimization. "Notes on IFS", Volume 23, 2017, Number 2, pages 95—102, @2017
629. **Pencheva, T., Angelova, M.** InterCriteria Analysis of Simple Genetic Algorithms Performance. *Advanced Computing in Industrial Mathematics*, Vol. 681 of *Studies in Computational Intelligence*, 2017, ISSN:Print ISBN 978-3-319-49543-9, Online ISBN 978-3-319-49544-6, 147-159. SJR:0.246  
*Lumupa ce e:*  
2928. Roeva O., P. Vassilev, P. Chountas, Application of Topological Operators over Data from InterCriteria Analysis, *Proceedings of the 12th International Conference on Flexible Query Answering Systems (FQAS'2017)*, London, UK, June 21-22, 2017, 215-225., @2017

630. **Atanassova, Vassia**, Doukovska, Lyubka. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. Notes on Intuitionistic Fuzzy Sets, 23, 2, 2017, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 1-7  
Цитира се е:  
**2929.** Tarsuslu (Yilmaz), S., G. Çuvalcıoğlu and Y. Yorulmaz. Relations between some IF modal operators and IF negations. "Notes on IFS", Volume 23, 2017, Number 4, pages 31—39, @2017  
**2930.** Atanassov, K. T. (2017). Type-1 Fuzzy Sets and Intuitionistic Fuzzy Sets. Algorithms, 10(3), 106., @2017  
**2931.** Vassilev, P., & Ribagin, S. (2017). A Note on Intuitionistic Fuzzy Modal-Like Operators Generated by Power Mean. In Advances in Fuzzy Logic and Technology 2017 (pp. 470-475). Springer, Cham., @2017
631. **Christov I, Neycheva T**, Schmid R, **Stoyanov T**, Abächerli R. Pseudo real-time low-pass filter in ECG, self-adjustable to the frequency spectra of the waves. 2017, ISSN:1741-0444, DOI:MBEC-D-16-00287R4, 1-10. SJR:2.57, ISI IF:1.79  
Цитира се е:  
**2932.** Tulyakova N (2017) Locally-adaptive Myriad filters for processing ECG signals in real time. Int. J. of Bioautomation, 27, (1), pp. 5-18, [http://biomed.bas.bg/bioautomation/2017/vol\\_21.1/files/21.1\\_01.pdf](http://biomed.bas.bg/bioautomation/2017/vol_21.1/files/21.1_01.pdf), @2017  
**2933.** Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. Радиоелектронні і комп'ютерні системи, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf>, @2017  
**2934.** Симов Д (2017) Нарушения в сърдечната автономна регулация и сърдечния електричен сигнал при болни с аортно-коронарен байпас. Дисертация за „доктор“, Институт по биофизика и биомедицинско инженерство, 114 стр, @2017  
**2935.** Saliner JL, Marques VG, Mazzetto M, Camargo E, Pastore CA, Cestari IA (2017 in press), A 64-lead body Surface potential mapping system. Computing in Cardiology, 43, 4 pages, [https://www.researchgate.net/profile/Joao\\_Salinet2/publication/320187976\\_A\\_64-lead\\_Body\\_surface\\_Potential\\_Mapping\\_System/links/59d398070f7e9b4fd7ffb73c/A-64-lead-Body-surface-Potential-Mapping-System.pdf](https://www.researchgate.net/profile/Joao_Salinet2/publication/320187976_A_64-lead_Body_surface_Potential_Mapping_System/links/59d398070f7e9b4fd7ffb73c/A-64-lead-Body-surface-Potential-Mapping-System.pdf), @2017  
**2936.** Тулякова Н, Трофимчук А, Стрижак А (2017) Адаптивные алгоритмы устранения электромиографического шума в сигнале электрокардиограммы. Радиотехника, 188, стр. 70–78, ISSN: 0485-8972., @2017
632. **Mancheva, K.**, Rollnik, J.D., Wolf, W., Dengler, R., **Kossev, A.** Vibration-Induced Kinesthetic Illusions and Corticospinal Excitability Changes. Journal of Motor Behavior, 49, 3, Taylor & Francis Group, 2017, ISSN:1940-1027, DOI:10.1080/00222895.2016.1204263, 299-305. ISI IF:1.686  
Цитира се е:  
**2937.** Karacan I, Cidem M, Cidem M, Türker KS (2017) - Journal of Electromyography and Kinesiology, 34: 93-101., @2017
633. Bureva, Veselina, Traneva, Velichka, Sotirova, Evdokia, **Atanassov, Krassimir**. Index matrices and OLAP-cube. Part 2: An presentation of the OLAP-analysis by index matrices. Advanced Studies in Contemporary Mathematics, 27, 4, 2017, ISSN:ISSN 1229-3067, 647-672  
Цитира се е:  
**2938.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., @2017
634. **Roeva, Olympia, Atanassova, Vassia**. Universal generalized net model for description of metaheuristic algorithms: Verification with the bat algorithm. Advances in Intelligent Systems and Computing, 643, Springer, 2017, ISBN:978-3-319-66826-0, DOI:10.1007/978-3-319-66827-7\_22., 244-255  
Цитира се е:  
**2939.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., @2017
635. **Jekova I, Krasteva V**, Leber R, Schmid R, Twerenbold R, Reichlin T, Müller C, Abächerli R. A real-time quality monitoring system for optimal recording of 12-lead resting ECG. Biomedical Signal Processing and Control, 34, Elsevier, 2017, ISSN:1746-8094, DOI:<http://dx.doi.org/10.1016/j.bspc.2017.01.009>, 126-133. ISI IF:1.521

Lumupa ce e:

2940. Fang Liu, Hongliang Fan, Zhen Zhang, (2017), Portable Electrocardiograph Monitoring and Positioning System Based on Wireless Transmission and Bat Algorithm, Boletín Técnico, Vol.55 (3), pp.286-293, ISSN: 0376-723X, <http://www.boletintecnico.com/index.php/bt/article/download/343/112/>; N5., @2017

636. Ribagin, S., Chountas, P., Pencheva, T.. Generalized Net Model of Muscle Pain Diagnosing. Lecture Notes on Artificial Intelligence, 10333, 2017, ISSN:0302-9743, 269-275. SJR:0.315

Lumupa ce e:

2941. Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, @2017

637. Ribagin S., Chakarov V., Atanassov K.. Generalized Net Model of the Scapulohumeral Rhythm. Recent Contributions in Intelligent Systems, 657, Springer, Cham, 2017, ISBN:978-3-319-41437-9, DOI:[https://doi.org/10.1007/978-3-319-41438-6\\_13](https://doi.org/10.1007/978-3-319-41438-6_13), 229-247. SJR:0.187

Lumupa ce e:

2942. Petkov T., Jovcheva P., Tomov Z., Simeonov S., Sotirov S, (2017) A Generalized Net Model of the Neocognitron Neural Network. In: Christiansen H., Jaudoin H., Chountas P., Andreasen T., Legind Larsen H. (eds) Flexible Query Answering Systems. FQAS 2017. Lecture Notes in Computer Science, vol 10333. Springer, Cham, @2017

2943. Bureva V., Yovcheva P., Sotirov S. Generalized Net Model of Fingerprint Recognition with Intuitionistic Fuzzy Evaluations. In: Kacprzyk J., Szmidi E., Zadrozny S., Atanassov K., Krawczak M. (eds) Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, @2017

2944. Georgieva V., Generalized Net Model of Mechanical Wastewater Pre-treatment, Int. J. Bioautomation, 2017, 21(1), 133-144., @2017

2945. Roeva O., Atanassova V. Universal Generalized Net Model for Description of Metaheuristic Algorithms: Verification with the Bat Algorithm. In: Kacprzyk J., Szmidi E., Zadrozny S., Atanassov K., Krawczak M. (eds) Advances in Fuzzy Logic and Technology 2017. IWIFSGN 2017, EUSFLAT 2017. Advances in Intelligent Systems and Computing, vol 643. Springer, Cham, @2017

2946. Георгиева В., Обобщеномрежово моделиране на процеси на пречистване на води, Дисертация, ИБФБМИ-БАН, София, 2017, @2017

638. Al Sharif, M., Tsakovska, I., Pajeva, I., Alov, P., Fioravanzo, E., Bassan, A., Kovarich, S., Yang, C., Mostrag-Szlichtyng, A., Vitcheva, V., Worth, A.P., Richarz, A.N., Cronin, M.T.D.. The application of molecular modelling in the safety assessment of chemicals: A case study on ligand-dependent PPAR $\gamma$  dysregulation. Toxicology, Elsevier, 2017, ISSN:0300-483X, DOI:10.1016/j.tox.2016.01.009, SJR:1.335, ISI IF:3.582

Lumupa ce e:

2947. Onay A., Onay M., Abul O., Classification of nervous system withdrawn and approved drugs with ToxPrint features via machine learning strategies, Computer Methods and Programs in Biomedicine, Volume 142, April 2017, Pages 9-19. doi: 10.1016/j.cmpb.2017.02.004, @2017

2948. Berggren E, White A, Ouedraogo G, Paini A, Richarz AN, Bois FY, Exner T, Leite S, Grunsvan LAV, Worth A, Mahony C. Ab initio chemical safety assessment: A workflow based on exposure considerations and non-animal methods. Comput Toxicol. 2017 Nov;4:31-44. doi: 10.1016/j.comtox.2017.10.001, @2017

2949. OECD Environment Directorate. Chemical safety assessment workflow based on exposure considerations and non-animal methods. OECD Environment, Health and Safety Publications, Series on Testing & Assessment No. 275, ENV/JM/MONO (2017) 27, @2017

639. Atanassov, Krassimir. Intuitionistic Fuzzy Logics. Studies in Fuzziness and Soft Computing, 351, Springer, 2017, ISBN:978-3-319-48952-0, 138

Lumupa ce e:

2950. Atanassova, L. Intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 1, pages 14—20, @2017

2951. Atanassova, Vassia; and Lyubka Doukovska. Compass-and-straightedge constructions in the intuitionistic fuzzy interpretational triangle: two new intuitionistic fuzzy modal operators. "Notes on IFS", Volume 23, 2017, Number 2, pages 1—7, @2017

2952. Atanassova, L. Properties of the intuitionistic fuzzy implication  $\rightarrow$ 189. "Notes on IFS", Volume 23, 2017, Number 4, pages 10—14, @2017

**640. Atanassov, Krassimir**, Szmidt, Eulalia, Kacprzyk, Janusz. Multiplicative type of operations over intuitionistic fuzzy pairs. Proc. of Flexible Query Answering Systems'2017 (H. Christiansen, H. Jaudoin, P. Chountas, T. Andreasen, H. L. Larsen, Eds.), Springer, 2017, ISBN:ISBN 978-3-319-59691-4, ISSN:ISSN 0302-9743, 201-208

[Lumupa ce e:](#)

**2953.** Atanassova, L. Properties of the intuitionistic fuzzy implication →189. "Notes on IFS", Volume 23, 2017, Number 4, pages 10—14, **@2017**

**2954.** Atanassova, L. Intuitionistic fuzzy implication →189. "Notes on IFS", Volume 23, 2017, Number 1, pages 14—20, **@2017**

**641. Atanassov, Krassimir**, Szmidt, Eulalia, Kacprzyk, Janusz. Intuitionistic fuzzy implication →187. Notes on Intuitionistic Fuzzy Sets, 23, 2, 2017, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 37-43

[Lumupa ce e:](#)

**2955.** Atanassova, L. Properties of the intuitionistic fuzzy implication →189. "Notes on IFS", Volume 23, 2017, Number 4, pages 10—14, **@2017**

**642. Ribagin, S., Vassilev, P., Pencheva, T., Zadrozny, S.** Intuitionistic fuzzy generalized net model of adolescent idiopathic scoliosis classification and the curve progression probability. Notes on Intuitionistic Fuzzy Sets, 23, 3, 2017, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 88-95

[Lumupa ce e:](#)

**2956.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, **@2017**

**643. Kirilka Mladenova, Svetla D. Petrova, Tonya D. Andreeva, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Yuri Kalvachev, Konstantin Balashev, Shomi S. Bhattacharya, Christina Chakarova, Zdravko Lalchev, Jordan A. Doumanov.** Effects of Ca<sup>2+</sup> ions on bestrophin-1 surface films. Colloids and Surfaces B: Biointerfaces, 149, 1, 2017, ISSN:0927-7765, DOI:10.1016/j.colsurfb.2016.10.023, 226-232. ISI IF:3.902

[Lumupa ce e:](#)

**2957.** Johnson, A.A., Guziejewicz, K.E., Lee, C.J., Kalathur, R.C., Pulido, J.S., Marmorstein, L.Y., Marmorstein, A.D. Bestrophin 1 and retinal disease. Progress in Retinal and Eye Research, 2017, 58, 45-69., **@2017**

**2958.** Lin, Y., Li, T., Gao, H., Lian, Y., Chen, Ch., Zhu, Y., Li, Y., Liu, B., Zhou, W., Jiang, H., Liu, X., Zhao, X., Liang, X., Jin, Ch., Huang, X., Lu, L. Bestrophin 1 gene analysis and associated clinical findings in a Chinese patient with Best vitelliform macular dystrophy. Mol Med Rep., 2017, 16(4), 4751–4755., **@2017**

---

## 2018

---

**644. Atanassov, K., Sotirova, E., Andonov, V.** Generalized Net Model of Multicriteria Decision Making Procedure Using Intercriteria Analysis. Advances in Intelligent Systems and Computing, 641, Springer, Cham, 2018, ISBN:978-3-319-66829-1, DOI:[https://doi.org/10.1007/978-3-319-66830-7\\_10](https://doi.org/10.1007/978-3-319-66830-7_10), 99-111

[Lumupa ce e:](#)

**2959.** Zoteva, D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1–60., **@2017**

**645. Ribagin, S, Sotirova, E., Pencheva, T.** Generalized Net Model of Adhesive Capsulitis Diagnosing. Lecture Notes in Computer Science, Springer, Cham, 2018, ISSN:0302-9743, DOI:[https://doi.org/10.1007/978-3-319-73441-5\\_44](https://doi.org/10.1007/978-3-319-73441-5_44), 408-415. SJR:0.315

[Lumupa ce e:](#)

**2960.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, **@2017**

**646. Ribagin, S., Atanassov, K., Roeva, O., Pencheva, T.** Generalized Net Model of Adolescent Idiopathic Scoliosis Diagnosing. Uncertainty and Imprecision in Decision Making and Decision Support: Cross-fertilization, New Models and

Цитира се в:

**2961.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., **@2017**

---

## Под печат

---

**647. Roeva, Olympia, Atanassova, Vassia.** Cuckoo Search Algorithm, Firefly Algorithm and Artificial Bee Colony Optimization in Terms of Generalized Net Theory. Series Studies in Computational Intelligence, Springer, приета за печат: 2017, SJR:0.246

Цитира се в:

**2962.** Zoteva D., M. Krawczak, Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey, Issues in IFSs and GNs, Vol. 13, 2017, 1-60., **@2017**

**648. Ribagin, S., Zaharieva, B., Radeva, I., Pencheva, T..** Generalized Net Model of Proximal Humeral Fractures Diagnosing. Int. J. Bioautomation, приета за печат: 2017, ISSN:1314-2321 (on-line), 1314-1902 (print), SJR:0.25

Цитира се в:

**2963.** Zoteva, D., M. Krawczak. Generalized Nets as a Tool for the Modelling of Data Mining Processes. A Survey. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, Vol 13, 2017, 1-60, **@2017**

**649. Christov I, Neycheva T, Schmid R.** Fine tuning of the dynamic low-pass filter for electromyographic noise suppression in electrocardiograms. Computing in Cardiology, 44, приета за печат: 2017, ISSN:2325-8861, SJR:0.322

Цитира се в:

**2964.** Тулякова Н, Лопаткин Р, Трофимчук А, Стрижак А (2017) Применение локально-адаптивной мириадной фильтрации для комплексной модели одномерного сигнала. Радіоелектронні і комп'ютерні системи, 3, (83), стр. 14–25, ISSN: 1814-4225, <https://www.khai.edu/csp/nauchportal/Arhiv/REKS/2017/REKS317/Tulyakova.pdf>., **@2017**