

Всички цитати

- **Звено:** (ИББИ) Институт по биофизика и биомедицинско инженерство
- **Година:** 2016 ÷ 2016
- **Тип записи:** Всички записи

Брой цитирани публикации: 565

Брой цитиращи източници: 2938

1982

1. Dengler R., Kossev A., Struppner A.. Unilateral reduction of the early and late blink reflex component in the cat. *Neurophysiol.*, 54, 1982, ISSN:00134694, 689-698. ISI IF:1.872

Цитира се в:

1. Cabib C, Cipullo F, Morales M, Valls-Solé J (2016) Brain Stim., 9(2):218-224., **@2016**

1983

2. Atanassov, K. T.. Intuitionistic fuzzy sets. VII ITKR Session, Sofia (Deposed in Central Science-Technical Library), (in Bulgarian), 1983

Цитира се в:

2. Samir Dey. Studies om mathematical programming methods for structure with imprecise parameters. Ph.D. Thesis, Department of Mathematics and Engineering Science, Shibpur, India, 2016., **@2016**
3. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
4. Yilmaz, S., Çuvalcioğlu, G. (2016) On intuitionistic fuzzy modal operators. "Notes on Intuitionistic Fuzzy Sets", 36, **@2016**
5. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, Edu-Libri, Kraków–Legnica, 2016
6. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of *Candida lactic MC 5*, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486

1984

3. Atanassov, Krassimir, Stoeva, Stefka. Intuitionistic L-fuzzy sets. *Cybernetics and Systems Research*, 2, 1984, 3-17

Цитира се в:

7. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, Edu-Libri, Kraków–Legnica, 2016
8. Veerammal, P., M. Palanivelrajan, (2016) An introduction to intuitionistic L-fuzzy semi-primary ideals, *Journal of Intelligent and Fuzzy Systems*, 34(5), 2016, Number 5, pages 84—97., **@2016**

1985

4. **Atanassov, K. T.**, Atanassova, L. C., Sasselov, D.. A new perspective to the generalization of the Fibonacci sequences. SCOPUS: 28. SJR:0.391

Цитира се в:

9. Bhatnagar, S., & Sikhwal, O. (2016). Additive Pulsating Fibonacci Sequences and Some Results. SCOPUS: October 2016, 149-160, **@2016**

5. **Mladenov I.**, Tsanov V.. Geometric Quantization of the Multidimensional Kepler Problem. 2, 1985, 17-24

Цитира се в:

10. Takeuchi Ts., On the Construction of Recursion Operators for Some Geodesic Flows, PhD Thesis, Tokyo, 1986

1986

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

Цитира се в:

11. Mondal, S.P. et all, Non-Linear Intuitionistic Fuzzy Number and Its Application in Partial Differential Equations, Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices (A. Adak, ed.), 2016, 112-131., **@2016**

12. Büyüközkan, G., Güleryüz, S., Multi Criteria Group Decision Making Approach for Smart Phone Selection, International Journal of Computational Intelligence Systems, 9, 4, 709-725., **@2016**

13. Raheja, S., Dadhich, R., Rajpal, S., Designing of vague logic based multilevel feedback queue scheduling, 137., **@2016**

14. Wan, S.-P., Yi, Z.-H., Power average of trapezoidal intuitionistic fuzzy numbers using strict t-norms and t-conorms, Fuzzy Systems, 24, 5, 7331275, 1035-1047., **@2016**

15. Xie, X.-J., Lv, X.-X., Improved interval-valued intuitionistic fuzzy entropy and its applications in Intelligent Systems and Computing, 367, 201-211., **@2016**

16. Mukherjee, A., Das A. K., J. Saha, Investment decision-making based on an intuitionistic fuzzy soft set, 3, 259-268. DOI:10.5899/2016/jfsva-00343, **@2016**

17. Cai, Y., Yu, J., Engineering geological environment comprehensive evaluation with intuitionistic fuzzy soft sets, Systems, 30, 5, 2705-2711., **@2016**

18. Xing, Z., Xiong, W., Ranking intuitionistic fuzzy values with the Euclidean distance, 2016, 2015 12th International Conference on Knowledge Discovery, FSKD 2015, 7381932, 155-161., **@2016**

19. Muştuoğlu, Emrah, Aslıhan Sezgin, Zeynep Kaya Türk, Some Characterizations on Soft Uni-groups, Journal of Computer Applications (0975 - 8887) Vol. 155, No.10, 1-8., **@2016**

20. Çetkin, V., Aygünoglu, A., Aygün, H., A new approach in handling soft decision making problems, 2016, 1, 231-239., **@2016**

21. Jin, F., Ni, Z., Chen, H., Li, Y., Zhou, L., Multiple attribute group decision making based on interval-valued intuitionistic fuzzy sets, Computers and Industrial Engineering, 101, 103-115., **@2016**

22. Xiong, S.-H., Chen, Z.-S., Li, Y.-L., Chin, K.-S., On Extending Power-Geometric Operators to Interval-Valued Intuitionistic Fuzzy Numbers and Their Application to Group Decision Making, 2016, International Journal of Information Technology and Decision Making, 15, 1-16., **@2016**

23. Muthuraj, R., MCDM by Hausdroff Distance Similarity Measure in IMFS on Matrimonial Matching, 61., **@2016**

24. Cuong, B. C., Le H. Son, SOME SELECTED PROBLEMS OF MODERN SOFT COMPUTING, PR

- Technology, 2016, pp. 640-646. DOI: 10.15625/vap.2015.0203., **@2016**
25. Bustince, H., Barrenechea, E., Pagola, M., Fernandez, J., Orduna, R., Montero, J., A survey of Atanassov Fuzziness and Soft Computing, 339, 65-78., **@2016**
 26. Raheja, S., Designing of vague logic based 2-layered framework for CPU scheduler, 2016, Advances in Human Computer Interaction, 2016, 1-10.
 27. Wan, S.-P., Zhu, Y.-J., Triangular intuitionistic fuzzy triple bonferroni harmonic mean operators and applications, 2016, Iranian Journal of Fuzzy Systems, 13, 5, 117-145., **@2016**
 28. Xu, F., Xing, Z.-Y., Yin, H.-D., Attribute reductions and concept lattices in interval-valued intuitionistic fuzzy sets and their properties, 2016, Journal of Intelligent and Fuzzy Systems, 30, 2, 1231-1242., **@2016**
 29. Muthuraji, T. , S. Sriram, P. Murugadas, Decomposition of Intuitionistic Fuzzy Matrices, Fuzzy Sets and Systems, 354., **@2016**
 30. Bustince, H., Barrenechea, E., Pagola, M., Fernandez, J., Xu, Z., Bedregal, B., Montero, J., Hagras, H., A survey of Atanassov's intuitionistic fuzzy sets and their relationships, 2016, IEEE Transactions on Fuzzy Systems, 24, 1, 7145399, 1-24.
 31. Jin, F., Ni, Z., Chen, H., Li, Y., Approaches to group decision making with intuitionistic fuzzy preference relations, 2016, Knowledge-Based Systems, 97, 48-59, **@2016**
 32. Xu, J., Wan, S.-P., Dong, J.-Y., Aggregating decision information into Atanassov's intuitionistic fuzzy sets for group decision making, 2016, Applied Soft Computing Journal, 41, 331-351., **@2016**
 33. Nagoorgani, A., J. Kavikumar, V. N. Mohamed, A. H. Nor Shamsidah, A labeling algorithm for solving intuitionistic fuzzy assignment problem, 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 1621-1627. DOI: 10.1109/FUZZ-IEEE.2016.7743520.
 34. Chakraborty, D., Jana, D.K., Roy, T.K., Expected value of intuitionistic fuzzy number and its application in solving intuitionistic fuzzy transportation problem for damageable items in intuitionistic fuzzy environment, 2016, Journal of Fuzzy Mathematics, 24, 1, 111-122., **@2016**
 35. Wang, C.-H., Wang, J.-Q., A multi-criteria decision-making method based on triangular intuitionistic fuzzy numbers, 2016, Journal of Intelligent and Fuzzy Systems, 34, 3, 473-482., **@2016**
 36. Xu, X.-H., Cai, C.-G., Wang, P., Zhou, Y.-J., Complex large group emergency decision making method based on multi-index, 2016, Kongzhi yu Juece/Control and Decision, 31, 2, 225-232., **@2016**
 37. Nguyen, Hóa Đinh, Sơn Hoàng Lê, Thông Huy Phạm , Some Improvements of Fuzzy Clustering Algorithm for Geographic Data Clustering, 2016, Computers Science and Communication Engineering, Vol. 32, No 3, 1-10.
 38. Chandrasekaran, A.D., Balamuralitharan, S., Ganesan, K., A shortest path length on a fuzzy network, 2016, ARPN Journal of Engineering and Applied Sciences, 11, 11, 6882-6885., **@2016**
 39. Rahman, S., On cuts of Atanassov's intuitionistic fuzzy sets with respect to fuzzy connectives, 2016, Information Processing and Management of Uncertainty in Knowledge Systems - 24, 1, 1-10.
 40. Xu, X.-H., Li, D.-C., Liu, Z.-S., Weighted interval-valued belief structures on Atanassov's intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 34, 510, 539-551., **@2016**
 41. Nirmal, P, M. Bhatt, Selection of Automated Guided Vehicle using Single Valued Neutrosophic Entropy Technique, New Trends in Neutrosophic Theory and Applications (Florentin Smarandache, Surapati Pramanik, eds.), 2016, 1-10.
 42. Franco, C., et al., A NEW VIEW ON THE RELATIONSHIPS BETWEEN INTERVAL VALUED AND FUZZY SETS: Modelling in Knowledge Engineering and Decision Making: Proceedings of the 12th International FLINS Conference, 2016, 105-111., **@2016**
 43. Chandrasekaran, A.D., Ganesan, K., Balamuralitharan, S., Shortest path arc length network using triangular fuzzy numbers, 2016, Journal of Engineering and Technology, 8, 2, 785-790., **@2016**
 44. Wang, H., Xu, Z., Admissible orders of typical hesitant fuzzy elements and their application in ordered information systems, 2016, Information Fusion, 29, 98-104., **@2016**
 45. Xu, Y., Xu, A., Wang, H., Hesitant fuzzy linguistic linear programming technique for multidimensional decision making problems, 2016, Journal of Intelligent and Fuzzy Systems, 34, 510, 539-551., **@2016**

- decision making, 2016, International Journal of Machine Learning and Cybernetics, 7, 5, 845-855., @2016
46. Ohlan, A., Similarity Measurements on Intuitionistic Fuzzy Sets, 3rd Int. Conf. on Recent Innovation of Soft Computing, 2016, 251-257., @2016
 47. Chang, K.-H., Cheng, C.-R., Application of intuitionistic fuzzy entropy to disruption risk management, Mathematics and Information Sciences, 10, 3, 1035-1046., @2016
 48. Park, Chun-Kee, Interval-valued Intuitionistic Smooth Topological Spaces, 2016, Korean J., No. 4, pp. 60-66.
 49. Kahraman, C., İ. U. Sari, S. C. Onar, B. Oztaysi, Fuzzy Economic Analysis Methods for Environmental Management: Theory and Applications, Volume 113 of the series Intelligent Systems Reference Books, Springer, Berlin, Heidelberg, 2016.
 50. Jin, F., Ni, Z., Chen, H., Interval-valued hesitant fuzzy Einstein prioritized aggregation operators and their application in decision making, 2016, Soft Computing, 20, 5, 1863-1878., @2016
 51. Rani, D., Gulati, T.R., Garg, H., Multi-objective non-linear programming problem in intuitionistic fuzzy environment based on IF point, 2016, Expert Systems with Applications, 64, 228-238., @2016
 52. Wang, H., Xu, Z., Multi-Groups Decision Making using Intuitionistic-valued Hesitant Fuzzy Information Systems, 9, 3, 468-482., @2016
 53. Xu, Z., Zhao, N., Information fusion for intuitionistic fuzzy decision making: An overview, 2016, Information Fusion, 30, 1, 1-12.
 54. Pei, Zhi, Multi-attribute decision making based on a novel IF point operator, Fuzzy Optimization and Decision Making, 2016, 5(1), 1-12., DOI:10.1007/s10400-016-9255-7., @2016
 55. Chatterjee, R., Majumdar, P., Samanta, S.K., On some similarity measures and entropy on quadripartitioned sets, 2016, International Journal of Intelligent and Fuzzy Systems, 30, 4, 2475-2485., @2016
 56. Xu, Z., Additive intuitionistic fuzzy aggregation operators based on fuzzy measure, 2016, International Journal of Approximate Reasoning, 72, 1-12., DOI:10.1016/j.artint.2016.01.001, @2016
 57. Yu, D., Zhang, W., Huang, G., Dual hesitant fuzzy aggregation operators, 2016, Technological and Economic Development of Russia, 22, 2, 201-209., @2016
 58. Peng, H., Zhang, H., Wang, J., Probability multi-valued neutrosophic sets and its application in multi-attribute group decision making, 2016, Journal of Computational and Applied Mathematics, 300, 1-12., DOI:10.1016/j.cam.2016.01.016, @2016
 59. Mukherjee, A., M. Datta, S. Sarkar, Restricted Interval Valued Neutrosophic Sets and Restricted Intuitionistic Fuzzy Sets, 2016, International Journal of Neutrosophic Sets and Systems, 2016, pp. 45-53., @2016
 60. Chen, S.-M., Chang, C.-H., Fuzzy multiattribute decision making based on transformation techniques of geometric averaging operators, 2016, Information Sciences, 352-353, 133-149., @2016
 61. Robinson, J. P., Multiple attribute group decision analysis for intuitionistic triangular and trapezoidal fuzzy numbers, 2016, Journal of Intelligent System Applications, 5, 3, 42-76., @2016
 62. Xue, M., Tang, X., Feng, N., An Extended VIKOR Method for Multiple Attribute Decision Analysis with Interval-Valued Fuzzy Numbers, 2016, Mathematical Problems in Engineering, 2016, 4274690., @2016
 63. Perez, J., F. Valdez, O. Castillo, O. Roeva, Bat algorithm with parameter adaptation using Interval-Valued Fuzzy Numbers, 2016, Intelligent Systems (IS), 2016 IEEE 8th International Conference on, pp. 120 – 127. DOI: 10.1109/IS.2016.7732050
 64. Chen, S.-M., Cheng, S.-H., Chiou, C.-H., Fuzzy multiattribute group decision making based on interval-valued intuitionistic fuzzy numbers, 2016, Information Fusion, 27, 215-227., @2016
 65. Wang, L., Pu, J., Research on the investment performance evaluation of corporate venture capital with interval-valued intuitionistic fuzzy numbers, 2016, International Journal of Intelligent and Fuzzy Systems, 30, 3, 1783-1790., @2016
 66. Yu, M., Qi, X., Shen, G., Research on the supplier selection model of closed-loop logistics systems based on interval-valued intuitionistic fuzzy numbers, 2016, International Journal of Intelligent and Fuzzy Systems, 30, 6, 3431-3437., @2016
 67. Phong, P. H., B. C. Cuong, Multi-criteria Group Decision Making with Picture Linguistic Numbers, 2016, International Journal of Intelligent and Fuzzy Systems, 30, 6, 3439-3449., @2016

68. Rashid, T., Beg, I., Convex hesitant fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 30, 5, 279-288.
69. Xue, Y.-X., You, J.-X., Lai, X.-D., Liu, H.-C., An interval-valued intuitionistic fuzzy MABAC approach for group decision making based on information, 2016, Applied Soft Computing Journal, 38, 703-713., @2016
70. Pramanik, S., D. Banerjee, B. C. Gigi, TOPSIS Approach for Multi Attribute Group Decision Making in Neutrosophic Theory and Applications (Florentin Smarandache, Surapati Pramanik, eds.), 2016, 79-91.
71. Panwar, A., Evaluation of Kernel Based Atanassov's Intuitionistic Fuzzy Clustering for Network Forensics, Software Innovation, 2016, 4(1), Pages 15. DOI: 10.4018/IJSI.2016010101, @2016
72. Robinson J., M., Sheela, S., Sudha Rani, A., A novel approach for solving triangular and trapezoidal intuitionistic fuzzy numbers and oddment method, 2016, Advances in Intelligent Systems and Computing, 412, 575-583., @2016
73. Yadav, V.K., Gautam, V., Tiwari, S.P., On minimal realization of IF-languages: A categorical approach, 34., @2016
74. Pramanik, S., S. Dalapati, T. K. Roy, Logistics Center Location Selection Approach Based on Neutrosophic Sets and Neutrosophic Theory and Applications (Florentin Smarandache, Surapati Pramanik, eds.), 2016, 161-176.
75. Santhi, R., N. Udhayarani, No-Closed Sets in Neutrosophic Topological Spaces, Neutrosophic Sets and Systems, 12, 1-10.
76. Rashmanlou, H., Borzooei, R.A., New concepts of interval-valued intuitionistic (S, T)-fuzzy graphs, 2016, 1893-1901., @2016
77. Rima, Al-Husbana , Abdul Razak Sallehb and Abd Ghafur Bin Ahmadb, Complex Intuitionistic Fuzzy Mathematics, Volume 12, Number 6, pp. 4929-4949., @2016
78. Yager, R.R., Fuzzy relations between Dempster-Shafer belief structures, 2016, Knowledge-Based Systems, 100, 1-10.
79. Roeva, O, P. Vassilev, M. Angelova, T. Pencheva, Jun Su, Comparison of different algorithms for International Conference on Intelligent Systems (IS), pp. 567-572. DOI: 10.1109/IS.2016.7737481, @2016
80. ZANOTELLI, R., et al., ROBUSTNESS OF INTUITIONISTIC FUZZY DIFFERENCE OPERATORS, Aggregation Operators and Decision Making: Proceedings of the 12th International FLINS Conference (FLINS 2016), 2016, Vo
81. Yager, R.R., Multicriteria Decision Making with Ordinal/Linguistic Intuitionistic Fuzzy Sets for Mobile Decision Support, Studies in Computational Intelligence, 24, 3, 7175015, 590-599., @2016
82. Şahin, R., Peide Liu, Possibility-induced simplified neutrosophic aggregation operators and their applications in decision making problems, Journal of Experimental & Theoretical Artificial Intelligence, 2016, 1-17., @2016
83. Razmi, J., Jafarian, E., Amin, S.H., An intuitionistic fuzzy goal programming approach for finding pareto optimal solutions in multi-objective linear programming problems, 2016, Expert Systems with Applications, 65, 181-193., @2016
84. Yager, R.R., Properties and applications of pythagorean fuzzy sets, 2016, Studies in Fuzziness and Soft Computing, 329, 1-16.
85. Yu, Q., Hou, F., Zhai, Y., Du, Y., Some Hesitant Fuzzy Einstein Aggregation Operators and Their Application in Group Decision Making, 2016, International Journal of Intelligent Systems, 31, 7, 722-746., @2016
86. Sanchez, M. A., O. Castillo, J. R. Castro, An Overview of Granular Computing Using Fuzzy Logic Systems, 2016, International Journal of Intelligent Systems, Volume 667 of the series Studies in Computational Intelligence, 2016, pp. 19-38., @2016
87. Kahraman, C., Onar, S.Ç., Öztayş, B., Interval Valued Intuitionistic Fuzzy Investment Analysis: A Case Study, 2016, International Journal of Intelligent Systems, 31, 7, 722-746., @2016
88. Sankar, K., D. Ezhilmaran, BALANCED BIPOLE INTUITIONISTIC FUZZY GRAPHS, International Journal of Research in Engineering and Technology (IRJET), 3(11), 806-812., @2016
89. Gou, X., Xu, Z., Lei, Q., New operational laws and aggregation method of intuitionistic fuzzy information, 2016, International Journal of Intelligent Systems, 31, 1, 129-141., @2016

90. Joshi, B.P., Bisht, D., Joshi, N., A method for priority in intuitionistic fuzzy preference relation, 2016, Computing Techniques for Engineering and Technology, 7371189., **@2016**
91. Reiser, R., Zanotelli, R., Costa, S., Foss, L., Bedregal, B., Robustness of f- and g-generated Fuzzy (C) Study, 2016, Electronic Notes in Theoretical Computer Science, 324, 151-164., **@2016**
92. Sharma, P. K., Simpi Chopra, Projectivity of Intuitionistic Fuzzy G-modules, 2016, Advances in Fuzzy Sciences, 357, 144-160., **@2016**
93. Emam, E. G., M. A. Fndh, Some results associated with the max–min and min–max composition, 2016, Mathematical Society, 2016, 24(4), pp. 515-521., **@2016**
94. Gou, X., Xu, Z., Liao, H., Alternative queuing method for multiple criteria decision making with hybrid Sciences, 357, 144-160., **@2016**
95. Kahraman, C., Otay, I., Öztayşı, B., Fuzzy extensions of confidence intervals: Estimation for μ , σ^2 , and σ , 2016, International Journal of Approximate Reasoning, 73, 343, 129-154., **@2016**
96. Ren, P., Xu, Z., Gou, X., Pythagorean fuzzy TODIM approach to multi-criteria decision making, 2016, Information Sciences, 357, 259., **@2016**
97. Shrivastava, M., Dr. K. Qureshi, Dr. A. D. Singh, Common Fixed Point Theorem for Weakly Comp. International Journal of Mathematics and Statistics Invention (IJMSI), 2016, 4(10), pp. 14-21., **@2016**
98. Gou, X., Xu, Z., Liao, H., Exponential operations of interval-valued intuitionistic fuzzy numbers, 2016, International Journal of Cybernetics, 7, 3, 501-518., **@2016**
99. Yang, H.-L., Guo, Z.-L., She, Y., Liao, X., On single valued neutrosophic relations, 2016, Journal of Intelligent & Fuzzy Systems, 30, 1055-1056., **@2016**
100. Singh, S. H. Garg, Distance measures between type-2 intuitionistic fuzzy sets and their application to multi-criteria decision making, 2016, Journal of Intelligent & Fuzzy Systems, 30, 1-12. DOI:10.1007/s10489-016-0869-9, **@2016**
101. Chen, S.-M., Cheng, S.-H., Lan, T.-C., A novel similarity measure between intuitionistic fuzzy sets based on interval-valued intuitionistic fuzzy numbers with applications to pattern recognition, 2016, Information Sciences, 343-344, 15-40., **@2016**
102. Gou, X., Xu, Z., Ren, P., The Properties of Continuous Pythagorean Fuzzy Information, 2016, International Journal of Approximate Reasoning, 73, 424., **@2016**
103. Joshi, B.P., Kharayat, P.S., Generalized intuitionistic fuzzy Einstein weighted averaging aggregation operator, 2015, International Conference on Computer Communication and Control, IC4 2015, 7375621., **@2016**
104. Ren, P., Xu, Z., Lei, Q., Simplified interval-valued intuitionistic fuzzy sets with intuitionistic fuzzy numbers, 2016, International Journal of Intelligent & Fuzzy Systems, 30, 5, 2871-2882., **@2016**
105. Yang, L., Zhang, R., Hou, T., Hao, Z., Liu, J., Hesitant Cloud Model and Its Application in the Risk Assessment of Silk Road, 2016, Mathematical Problems in Engineering, 2016, 5620803., **@2016**
106. Yu, S., Xu, Z., Definite integrals of multiplicative intuitionistic fuzzy information in decision making, 2016, International Journal of Approximate Reasoning, 73., **@2016**
107. Solanki, R., G. Gulati, A. Tiwari, Q. M. D. Lohani, A correlation based Intuitionistic fuzzy TOPSIS method, 2016, International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 2106-2112. DOI: 10.1109/FUZZ-IEEE.2016.7743750.
108. Halder, S. B., P. Debnath, A study on IF soft* lower rough approximation and IF soft* upper rough sets, 2016, Journal of Intelligent & Fuzzy Systems, 30, 11, No. 3, pp. 475–483., **@2016**
109. Chen, S.-M., Cheng, S.-H., Lan, T.-C., Multicriteria decision making based on the TOPSIS method and interval-valued intuitionistic fuzzy numbers, 2016, Information Sciences, 367-368, 279-295., **@2016**
110. Govindan, K., Jepsen, M.B., Supplier risk assessment based on trapezoidal intuitionistic fuzzy numbers and triangular intuitionistic fuzzy numbers, 2016, Journal of the Operational Research Society, 67, 2, 339-376, **@2016**
111. Kahraman, C., Öztayşı, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of Intuitionistic Fuzzy Decision Making, 2016, International Journal of Approximate Reasoning, 73, 1-20., **@2016**

112. Yue, C., A geometric approach for ranking interval-valued intuitionistic fuzzy numbers with an application in Industrial Engineering, 102, 233-245., @2016
113. Su-min Yu, Jing Wang, Jian-qiang Wang, An extended TODIM approach with intuitionistic linguistic preference information, 2016. DOI: 10.1111/itor.12363, @2016
114. Chen, S.-M., Cheng, S.-H., Tsai, W.-H., Multiple attribute group decision making based on interval-valued transformation techniques of interval-valued intuitionistic fuzzy values, 2016, Information Sciences, 367-368, 1-12.
115. Goyal, M., Choubey, A., Yadav, D., Aggregating evaluation using dynamic weighted intuitionistic fuzzy system, 2016, International Journal of Mathematical Modelling and Numerical Optimisation, 7, 1, 44-65,
116. Joshi, B.P., Kharayat, P.S., Generalized intuitionistic fuzzy Einstein weighted averaging aggregation operator in Computing, Communication and Security, ICCCS 2015, 7374211., @2016
117. Yang, S., Yang, M., Ju, R., Huang, K., Multi-attribute group decision making for weapon system selection, 2015, 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, 7382002, 553-558.
118. Zavadskas, E.K., Mardani, A., Turskis, Z., Jusoh, A., Nor, K.M., Development of TOPSIS Method to Solve Multi-Criteria Decision Problems: Overview on Developments from 2000 to 2015, 2016, International Journal of Information Technology and Decision Making, 11, 1-30.
119. Suraj, Z., P. Grochowalski, S. Bandyopadhyay, Flexible Generalized Fuzzy Petri Nets for Rule-Based Computing, Volume 10071 of the series Lecture Notes in Computer Science, 2016, pp. 196-207., @2016
120. Chen, S.-M., Randyanto, Y., Cheng, S.-H., Fuzzy queries processing based on intuitionistic fuzzy social network, 327, 110-124., @2016
121. Goyal, M., Yadav, D., Tripathi, A., Intuitionistic fuzzy approach for adaptive presentation in an E-learning system, 2016, International Conference on Research in Computational Intelligence and Communication Networks, ICRCCIN 2016, 1-6.
122. Kamali, A., Moradi, H.R., Characterization of fuzzy δg^* -Closed sets in fuzzy topological spaces, 2016, International Journal of Fuzzy System Applications, 5, 2, 1-12., @2016
123. Tantawy, O. A. E., S. A. El-Sheikh, S. Hussien, Soft connected of double spaces, 2016, South Asian Journal of Mathematics, 7, 1-10.
124. Chen, S.-M., Tsai, W.-H., Multiple attribute decision making based on novel interval-valued intuitionistic fuzzy sets, 2016, Information Sciences, 367-368, 1045-1065., @2016
125. Goyal, M., Yadav, D., Tripathi, A., Intuitionistic group decision making to identify the status of students, 2016, International Journal of Fuzzy System Applications, 5, 3, 14-29., @2016
126. Yang, Y., Wang, Y., Zhang, Y., Zhang, D., Commentary on generalized intuitionistic fuzzy soft sets and their applications, Comput. 37 (2015) 519-520, 2016, Applied Soft Computing Journal, 40, 427-428., @2016
127. Tavana, M., M. Zareinejad, Francisco J. Santos-Arteaga, An intuitionistic fuzzy-grey superiority and inferiority relation based approach for supplier selection, International Journal of Systems Science: Operations & Logistics, 2016, pp. 1-14.
128. Chen, T.-Y., An inclusion comparison approach for multiple criteria decision analysis based on intuitionistic fuzzy sets, 2016, Technological and Economic Development of Economy, 22, 3, 357-392., @2016
129. Grandhi, S., Wibowo, S., The selection of renewable energy alternative using the fuzzy multiattribute decision making method, 2016, 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, 7381939, 195-200.
130. Joshi, B.P., Kharayat, P.S., Moderator intuitionistic fuzzy sets and application in medical diagnosis, 2016, International Journal of Fuzzy System Applications, 5, 4, 380, 171-179., @2016
131. Kan, S., Guo, F., Li, S., An approach to evaluating the knowledge management performance with intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 30, 3, 1557-1565., @2016
132. Yao, D., Liu, X., Zhang, X., Wang, C., Some novel uncertainty measures of hesitant fuzzy sets and their applications, 2016, Journal of Intelligent and Fuzzy Systems, 30, 2, 691-703., @2016

133. Zeng, S., Chen, J., Li, X., A hybrid method for pythagorean fuzzy multiple-criteria decision making, 2016 and Decision Making, 15, 2, 403-422., **@2016**
134. Terziyska, M., Y. Todorov, Intuitionistic Neo-Fuzzy Network for modeling of nonlinear systems dy International Conference on Intelligent Systems (IS), pp. 616-621. DOI: 10.1109/IS.2016.7737491, **@2016**
135. Chen, X., Liu, Y., Correlation coefficients of intuitionistic hesitant fuzzy sets and their applications to Control and Automation, 9, 8, 403-418., **@2016**
136. Gu, S., Hua, J., Lv, T., Evaluation of customer satisfaction of door-to-Door whole-process logistic information, 2016, Journal of Intelligent and Fuzzy Systems, 30, 4, 2487-2495., **@2016**
137. Ye, J., Fu, J., Multi-period medical diagnosis method using a single valued neutrosophic similarity me Methods and Programs in Biomedicine, 123, 142-149., **@2016**
138. Terziyska, M., Y. Todorov, Intuitionistic Neo-Fuzzy predictive control, 2016 IEEE 8th International Co DOI: 10.1109/IS.2016.7737494, **@2016**
139. Chen, Y., Li, T., Intuitionistic uncertain linguistic information aggregation operators based on Choque Juece/Control and Decision, 31, 5, 842-852., **@2016**
140. Guan, C., Yuen, K.K.F., Coenen, F., Towards an Intuitionistic Fuzzy Agglomerative Hierarchical Clu Folksonomy, 2016, Proceedings - 2015 IEEE International Conference on Systems, Man, and Cybernetics
141. Karaaslan, F., Karataş, S., OR and AND-products of ifp-intuitionistic fuzzy soft sets and their applicati and Fuzzy Systems, 31, 3, 1427-1434., **@2016**
142. Zeng, S., Su, W., Zhang, C., Intuitionistic fuzzy generalized probabilistic ordered weighted averaging op 2016, Technological and Economic Development of Economy, 22, 2, 177-193., **@2016**
143. Tisheva, D., N. Netov, Value at Risk backtesting techniques: Intuitionistic fuzzy approach and InterCrite 8th International Conference on Intelligent Systems (IS), pp. 552-559. DOI: 10.1109/IS.2016.7737477,
144. Gunes, M., Badem, H., Detecting Direction of Pepper Stem by Using CUDA-Based Accelerated Hyb 2016, Journal of Sensors, 2016, 4052101., **@2016**
145. Ren, P., Xu, Z., Zhao, H., Xu, J., Simplified interval-valued intuitionistic fuzzy integrals and their use i 4393., **@2016**
146. Ye, J., Cross-Entropy of dual hesitant fuzzy sets for multiple attribute decision-making, 2016, In Technology, 8, 3, 20-30., **@2016**
147. Guo, J., A risk assessment approach for failure mode and effects analysis based on intuitionistic fuzzy se and Fuzzy Systems, 30, 2, 869-881., **@2016**
148. Karaaslan, F., Similarity measure between possibility neutrosophic soft sets and its applications, 2 Mathematics and Physics, 78, 3, 155-162., **@2016**
149. Ye, J., Similarity measures of intuitionistic fuzzy sets based on cosine function for the decision makin Intelligent and Fuzzy Systems, 30, 1, 151-158., **@2016**
150. Tyagi, K., A. Tripathi, Equalities Based on Rough Intuitionistic Fuzzy Topology Kanchan, 2016, Math 020018-6., **@2016**
151. Guo, K., Knowledge measure for Atanassov's intuitionistic fuzzy sets, 2016, IEEE Transactions on Fuzzy
152. Joshi, B.P., Pandey, M., Kumar, S., Use of intuitionistic fuzzy time series in forecasting enrollment Intelligent Systems and Computing, 436, 843-852., **@2016**
153. Ye, J., The generalized Dice measures for multiple attribute decision making under simplified neutrosop Fuzzy Systems, 31, 1, 663-671., **@2016**
154. Zeng, S., Xiao, Y., TOPSIS method for intuitionistic fuzzy multiple-criteria decision making and its app

155. Valkov, I., D. Mavrov, E. Sotirova, Intercriteria analysis over public transport system data, 2016 IEEE 8th International Conference on Intelligent Systems (IS), Pages: 560-563. DOI: 10.1109/IS.2016.7737479, @2016
156. Kartheek, E., Sharief Basha, S., Max-min intuitionistic laplacian fuzzy matrix of an intuitionistic fuzzy graph, Technology, 8, 1, 11236-11247., @2016
157. Rodríguez, R.M., Bedregal, B., Bustince, H., Dong, Y.C., Farhadinia, B., Kahraman, C., Martínez, L., Trigos, J., and perspective analysis of hesitant fuzzy sets on information fusion in decision making. Towards high quality data, 97., @2016
158. Yogashanthi, T., Ganesan, K., A new approach on solving intuitionistic fuzzy networking problems, Mathematics, 12, 1, 442-448., @2016
159. Wang, L., X. Zheng, Li Zhang, Q. Yue, Notes on Distance and Similarity Measures of Dual Hesitant Fuzzy Sets, Mathematics, 46:4, IJAM_46_4_11, 2016., @2016
160. Guo, Q., Wu, L., Rough set model and decision in intuitionistic fuzzy information system based on multi-criteria, Zi Ji Shu/Systems Engineering and Electronics, 38, 2, 347-351., @2016
161. Zeng, W., Li, D., Yin, Q., Distance and similarity measures between hesitant fuzzy sets and their applications, Pattern Recognition Letters, 84, 267, 271., @2016
162. Wang, L., S. Guo, New Results on Multiple Solutions for Intuitionistic Fuzzy Differential Equations, Journal of Nonlinear Sciences and Applications, Vol. 4, No. 6, pp. 560–573. DOI: 10.21078/JSS-2016-560-14, @2016
163. Gupta, P., Lin, C.-T., Mehlawat, M.K., Grover, N., A New Method for Intuitionistic Fuzzy Multiattribute Group Decision Making, Systems, Man, and Cybernetics: Systems, 46, 9, 7287778, 1167-1179., @2016
164. Yu, D., Li, D.-F., Merigó, J.M., Fang, L., Mapping development of linguistic decision making studies, 2016, Information Sciences, 327, 2727-2736, @2016
165. Shanthi, S. A., N. Thillaigovindan, J. V. Naidu, APPLICATION OF INTERVAL VALUED INTUITIONISTIC FUZZY SETS IN DECISION MAKING, ICTACT JOURNAL ON SOFT COMPUTING, 2016, VOL. 06, ISSUE 03, pp. 1-6, @2016
166. Gupta, P., Mehlawat, M.K., Grover, N., Intuitionistic fuzzy multi-attribute group decision-making with a new extended VIKOR method, 2016, Information Sciences, 370-371, 184-203., @2016
167. Kaur, M., Sadiq, R., A new method for solving single- and multi-objective capacitated solid minimum cost flow problem, Journal of Intelligent Systems, 25, 2, 159-183., @2016
168. Zeng, W., Zhao, Y., Gu, Y., Similarity measure for vague sets based on implication functions, 2016, Knowledge-Based Systems, 108, 1-6, 1-6, @2016
169. Gupta, V., Saini, R.K., Kanwar, A., Some Common Coupled Fixed Point Results on Modified Intuitionistic Fuzzy Metric Space, 79, 32-40., @2016
170. Joshi, B.P., Interval-valued intuitionistic fuzzy sets based method for multiple criteria decision-making, Journal of Intelligent and Fuzzy Systems, 33, 4, 192-210., @2016
171. Rodríguez, R.M., Martínez, L., Herrera, F., Torra, V., A review of hesitant fuzzy sets: Quantitative and qualitative aspects, and Soft Computing, 341, 109-128., @2016
172. Yu, D., Li, D.-F., Merigó, J.M., Dual hesitant fuzzy group decision making method and its application to medical diagnosis, Journal of Machine Learning and Cybernetics, 7, 5, 819-831., @2016
173. Wang, Y., Yingjie Lei, Yang Lei, Xiaoshi Fan, Multi-factor high-order intuitionistic fuzzy time series forecasting, Journal of Intelligent and Fuzzy Systems, 34, 5, 1054-1062. DOI: 10.21629/JSEE.2016.05.13, @2016
174. Senthil Kumar, L. Studies on regular weakly generalized continuous mappings in intuitionistic fuzzy topological spaces, Chikkanna Government art College, Tirupur, India, 2016., @2016
175. Hajiagha, S.H.R., Hashemi, S.S., Mohammadi, Y., Zavadskas, E.K., Fuzzy belief structure based VIKOR method for multi-criteria decision making, Journal of Intelligent and Fuzzy Systems, 34, 5, 1063-1073. DOI: 10.21629/JSEE.2016.05.14, @2016

- of Tehran metro system by FMEA criteria, 2016, Transport, 31, 1, 108-118., **@2016**
176. Saadati, R., Existence and uniqueness of solutions for a class of integral equations by common fixed Inequalities and Applications, 2016, 1, 205., **@2016**
177. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal 3663., **@2016**
178. Zhan, J., Luo, X., Offer evaluation and trade-off making in automated negotiation based on intuition Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioi
179. Xue, W., Xian, S. and Dong, Y. (2016), A Novel Intuitionistic Fuzzy Induced Ordered Weighted Eu Group Decision Making. Int. J. Intell. Syst.. doi:10.1002/int.21874, **@2016**
180. Vafadarnikjoo, A., M. Mobin, S. M. A. K. Firouzabadi, An Intuitionistic Fuzzy-Based DEMATEL to R the 2016 International Conference on Industrial Engineering and Operations Management Detroit, Se 1377., **@2016**
181. Halaš, R., Mesiar, R., Pócs, J., Congruences and the discrete Sugeno integrals on bounded distributive l 448., **@2016**
182. Joshi, D., Kumar, S., Interval-valued intuitionistic hesitant fuzzy Choquet integral based TOPSIS meth European Journal of Operational Research, 248, 1, 183-191., **@2016**
183. Kayal, N.C., Samanta, T.K., Saha, P., Choudhury, B.S., A hyers-ulam-rassias stability result for function 2016, Iranian Journal of Fuzzy Systems, 13, 5, 87-96., **@2016**
184. Yu, D., Meriga, J.M., Xu, Y., Group Decision Making in Information Systems Security Assessment U Journal of Intelligent Systems, 31, 8, 786-812., **@2016**
185. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. . PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
186. Han, Z.-Q., Wang, J.-Q., Zhang, H.-Y., Luo, X.-X., Group Multi-criteria Decision Making Method International Journal of Fuzzy Systems, 18, 4, 673-684., **@2016**
187. Sachdeva, N., Singh, O., Kapur, P.K., Galar, D., Multi-criteria intuitionistic fuzzy group decision analy cloud solution to manage big data projects, 2016, International Journal of Systems Assurance Engineering
188. Zhang, C., Li, D., Ren, R., Pythagorean Fuzzy Multigranulation Rough Set over Two Universes and International Journal of Intelligent Systems, 31, 9, 921-943., **@2016**
189. Yager, R.R., Golden rule representative values for non-standard membership grades, 2016 IEEE 8th Int pp. 2-7. DOI: 10.1109/IS.2016.7737412, **@2016**
190. Padder, R. A., P. Murugadas, On Idempotent Intuitionistic Fuzzy Matrices of T-Type, International Jou 16(3), pp. 181-187., **@2016**
191. Samir Dey. Studies om mathematical programming methods for structure with imprecise parameters. Ph Engineering Science and Technology, Shibpur, India, 2016., **@2016**
192. Hao, W.-J., Li, Z.-W., Hausdorff measure-based attribute reduction of intuitionistic fuzzy decision Intelligence and Applications, 281, 101-106., **@2016**
193. Yu, D., Softmax function based intuitionistic fuzzy multi-criteria decision making and applications, 2016
194. Debnath, P., N. Konwar, Results on Approximation Properties in Intuitionistic Fuzzy Normed Linear S Computer Science, 2016, Vol. 6, No 2, 134-149., **@2016**
195. Hashemi, S.S., Hajiagha, S.H.R., Zavadskas, E.K., Mahdiraji, H.A., Multicriteria group decision making valued intuitionistic fuzzy information, 2016, Applied Mathematical Modelling, 40, 2, 1554-1564., **@2016**
196. Yu, G.-F., Li, D.-F., Qiu, J.-M., Ye, Y.-F., Multi-attribute group decision making method for preferen

2016, Kongzhi yu Juece/Control and Decision, 31, 11, 2013-2018., **@2016**

197. Zhang, C.-L., Risk assessment of supply chain finance with intuitionistic fuzzy information, 2016, Journal of Intelligent & Fuzzy Systems, 31, 1975., **@2016**
198. Yamancı, U., Mehmet Gürdal, std-Statistical convergence in intuitionistic fuzzy normed space, Notes on Intuitionistic Fuzzy Sets, 22, 2016, No. 2, 52–58., **@2016**
199. Peng, H., Wang, H. Hesitant Uncertain Linguistic Z-Numbers and Their Application in Multi-criteria Group Decision Making, 2016, pp. 1-17. DOI:10.1007/s40815-016-0257-y, **@2016**
200. Rizwan Waheed, R. Designing Fuzzy Spatial Database. PhD-thesis, Punjab University College of Information Technology, Lahore, 2016.
201. He, L., Pei, A., Cloud Computing Products Selection Based on Shapley Value Weighted Correlation Coefficient Method, 2015, Proceedings of the International Conference on Computer Science and Mechanical Automation, CSMA 2015, 7371623, 61-64.
202. Ju, Y., Liu, X., Ju, D., Some new intuitionistic linguistic aggregation operators based on Maclaurin series expansion and their application in multiple attribute group decision making, 2016, Soft Computing, 20, 11, 4521-4548., **@2016**
203. Khan, A., Muhammad, N., On $(\in, \in \vee q)$ -intuitionistic fuzzy ideals of soft semigroups, 2016, International Journal of Fuzzy Logic and Intelligent Systems, 16, 7, 4, 553-562., **@2016**
204. Şahin, R., Liu, P., Maximizing deviation method for neutrosophic multiple attribute decision making, 2016, Journal of Intelligent & Fuzzy Systems, 30, 7, 2017-2029., **@2016**
205. Yan, K., Cheng, Y., Tao, F., A trust evaluation model towards cloud manufacturing, 2016, International Journal of Advanced Manufacturing Technology, 84, 1-4, 133-146., **@2016**
206. He, X., Wu, Y., Yu, D., Intuitionistic fuzzy multi-criteria decision making with application to job hunting, 2016, Journal of Intelligent & Fuzzy Systems, 30, 4, 1935-1946., **@2016**
207. Ye, Jun, Projection and bidirectional projection measures of single-valued neutrosophic sets and their applications in decision making schemes, Journal of Experimental & Theoretical Artificial Intelligence, 2016, 1-10., **@2016**
208. Liu, Yi, V. G. Kaburlasos, A. G. Hatzimichailidis, Y. Xu, Chapter 2 Toward a Synergy of a Lattice Implication Operator and a Fuzzy Implication Operator in a Lattice Computing Approach, Handbook of Fuzzy Sets Comparison - Theory, Algorithms and Applications, 2016, (V. G. Kaburlasos, Eds.), 2016, Vol. 6, pp. 23-42. DOI: 10.15579/gCSR.vol6.ch2, **@2016**
209. Can, M. S., O. F. Ozguven, PID Tuning with Neutrosophic Similarity Measure, International Journal of Neutrosophic Science, 2016, doi:10.1007/s40815-015-0136-y, **@2016**
210. Zhang, F., Cheng, J., Ma, Z., A survey on fuzzy ontologies for the Semantic Web, 2016, Knowledge Engineering and Ontology Learning, 2016, 1-15.
211. Yılmaz, S., Gökhane Çuvalcoglu, On Study of Some Intuitionistic Fuzzy Operators for Intuitionistic Fuzzy Sets, 2016, Journal of Fuzzy Set Valued Analysis, Volume 2016, No. 3, 317-325. doi:10.5899/2016/jfsva-00349, **@2016**
212. He, Y., Chen, H., He, Z., Wang, G., Zhou, L., Scaled prioritized aggregation operators and their applications in multi-criteria group decision making, 2016, Journal of Intelligent & Fuzzy Systems, 31, 1021-1039., **@2016**
213. Kacprzyk, J., Owsianki, J.W., Viattchenin, D.A., Shyrai, S., A new heuristic algorithm of possibilistic inference, 2016, Advances in Intelligent Systems and Computing, 401, 199-214., **@2016**
214. Khan, I., Aggarwal, A., Mehra, A., Solving I-fuzzy bi-matrix games with I-fuzzy goals by resolving index conflict, 2016, Journal of Intelligent & Fuzzy Systems, 31, 204-222., **@2016**
215. You, X., Chen, T., Yang, Q., Approach to multi-criteria group decision-making problems based on interval-valued intuitionistic fuzzy sets, 2016, Journal of Intelligent & Fuzzy Systems, 30, 9, 95., **@2016**
216. Wang, C., Fu, X., Meng, S. et al., SPIFGIA operators and their applications to decision making, Granular Computing, 2016, 1, 016-0025-2, **@2016**
217. He, Y., He, Z., Deng, Y., Zhou, P., IFPBMs and their application to multiple attribute group decision making, 2016, Journal of Intelligent & Fuzzy Systems, 30, 1, 127-147., **@2016**

- 218.** Kacprzyk, J., Viattchenin, D.A., Shyrai, S., Szmidt, E., A novel similarity measure between intuitionistic fuzzy sets based on tolerance, 2016, Advances in Intelligent Systems and Computing, 401, 175-183., **@2016**
- 219.** Khuman, A.S., Yang, Y., John, R., Quantification of R-fuzzy sets, 2016, Expert Systems with Applications, 53, 10-17., **@2016**
- 220.** Şahin, R., Fuzzy multicriteria decision making method based on the improved accuracy function for interval valued intuitionistic fuzzy sets, 2016, International Journal of Intelligent Systems, 31, 2557-2563., **@2016**
- 221.** He, Y., He, Z., Shi, L., Multiple Attributes Decision Making Based on Scaled Prioritized Intuitionistic Fuzzy Aggregation Operators, 2016, International Journal of Fuzzy Systems, 18, 5, 924-938., **@2016**
- 222.** Zhang, H., Q. Zheng, T. Liu, Yu Qu, Mixed Intuitionistic Fuzzy Aggregation Operators decreasing and increasing operators, 2016, Conference on Fuzzy Systems (FUZZ-IEEE), pp. 896-903. DOI: 10.1109/FUZZ-IEEE.2016.7737783., **@2016**
- 223.** Liu, P., Teng, F., Multiple attribute decision-making method based on 2-dimension uncertain linguistic variables, 2016, Soft Comput., 2016, pp. 1-14. DOI:10.1007/s00500-016-2384-7, **@2016**
- 224.** Gumus, S., M. Kucukvar, O. Tatari, Intuitionistic fuzzy multi-criteria decision making framework based on interval-valued intuitionistic fuzzy numbers and their impacts: The case of US wind energy, Sustainable Production and Consumption, 2016, 8, pp. 78-92., **@2016**
- 225.** Kreinovich, V., Cuong, B.C., Fuzzy, intuitionistic fuzzy, what next?, 2016, Studies in Fuzziness and Soft Computing, 323, 1-12., **@2016**
- 226.** Sahoo, S., Pal, M., Intuitionistic fuzzy competition graphs, 2016, Journal of Applied Mathematics and Computing, 53, 103-116., **@2016**
- 227.** Zhang, F., Xu, S., Multiple Attribute Group Decision Making Method Based on Utility Theory Under Interval-Valued Intuitionistic Fuzzy Environment, 2016, Group Decision and Negotiation, 25, 6, 1261-1275., **@2016**
- 228.** Zhang, S., Xu, Z. (2016), Infinite Intuitionistic Fuzzy Series and Product. Int. J. Intell. Syst.. doi:10.1002/int.21900
- 229.** Jamkhaneh, E. B. , New Operations over Generalized Interval Valued Intuitionistic Fuzzy Sets, Gazi University Journal of Science, 29, 670-674., **@2016**
- 230.** He, Y., He, Z., Zhou, P., Deng, Y., Scaled prioritized geometric aggregation operators and their applications in decision making problems, 2016, Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 24, 1, 13-45., **@2016**
- 231.** Kahraman, C., Onar, S.C., Oztaysi, B., A comparison of wind energy investment alternatives using interval-valued intuitionistic fuzzy sets, 2016, Sustainability (Switzerland), 8, 2, 118., **@2016**
- 232.** Zhang, H., He, Y., Xiong, L., Multi-granulation dual hesitant fuzzy rough sets, 2016, Journal of Intelligent & Fuzzy Systems, 31, 103-116., **@2016**
- 233.** Zhang, Z., Several New Interval-Valued Intuitionistic Fuzzy Hamacher Hybrid Operators and Their Applications, 2016, International Journal of Fuzzy Systems, 18, 5, 829-848., **@2016**
- 234.** Arockiaraj, J. Jon, T. Pathinathan, Various Cartesian Product of Vertex Degree and Edge Degree in Graphs, 2016, Multidisciplinary Research and Modern Education, 2016, Vol. II, Issue II, pp. 166-173., **@2016**
- 235.** Savas, E., On generalized double statistical convergence of order α in Intuitionistic fuzzy Normed Linear Spaces, 2016, Journal of Statistical Applications in Probability, 21, 3, 36., **@2016**
- 236.** Zhang, H., Wang, J., Chen, X., An outranking approach for multi-criteria decision-making problems with interval-valued intuitionistic fuzzy information, 2016, Journal of Intelligent & Fuzzy Systems, 31, 103-116., **@2016**
- 237.** Kahraman, C., Onar, S.C., Öztaysi, B., Fuzzy decision making: Its pioneers and supportive environments, 2016, Journal of Intelligent & Fuzzy Systems, 31, 341, 21-58., **@2016**
- 238.** Krishnaveni, B., Syamala, V., Latha, D., Ganesan, G., Characterization of Information Systems with Fuzzy Logic, 2016, Proceedings - 8th International Conference on Advanced Software Engineering and Its Applications, 1, 1-6., **@2016**
- 239.** Zhang, H., Yang, S., Inclusion measure for typical hesitant fuzzy sets, the relative similarity measure and its applications, 2016, Journal of Intelligent & Fuzzy Systems, 31, 1287., **@2016**
- 240.** Bajpai, J. P., S. S. Thakur, INTUITIONISTIC FUZZY QUASI RGA-OPEN AND INTUITIONISTIC FUZZY QUASI RGA-CLOSED SETS, 2016, International Journal of Technical Research and Applications, 2016, Vol. 1, Issue 1, pp. 160-163., **@2016**

241. Zhong, Yu , Cong-Hua Yan, Intuitionistic L-fuzzy Rough Sets, Intuitionistic L-fuzzy Preorders and Intelligent Systems and Engineering, 8(3), 2016, pp. 255–279., **@2016**
242. Zheng, Yu-Jun, Wei-Guo Sheng, Xing-Ming Sun, Sheng-Yong Chen, Airline Passenger Profiling Transactions on Neural Networks and Learning Systems, 2016, Volume: PP, Issue: 99, pp. 1-13. DOI: 10.1109/TNNLS.2016.2533112
243. Sayyadi Tooranloo, H., Ayatollah, A.S., A model for failure mode and effects analysis based on Fuzzy Computing Journal, 49, 238-247., **@2016**
244. Prakash, K. Arun, M. Suresh, S. Vengataasalam, A new approach for ranking of intuitionistic fuzzy numbers, International Journal of Fuzzy Sciences, 2016, Vol. 10, Issue 4, pp. 177–184., **@2016**
245. Selvachandran, G., Mashaan, O.A., Ahmad, A.G., Algebraic and graphical interpretation of complex fuzzy numbers, Communications in Computer and Information Science, 652, 213-223., **@2016**
246. Bandyopadhyay, S., Z. Suraj, P. Grochowalski, Modified Generalized Weighted Fuzzy Petri Net in Intuitionistic Fuzzy Environment, Volume 9920 of the series Lecture Notes in Computer Science, 2016, pp 342-351., **@2016**
247. Güyer, T., Ş. Aydoğdu, A Classification Model and an Open e-Learning System Based on Intuitionistic Fuzzy Logic, Journal of Educational Technology Systems, 2016, Vol. 45(1) 137–160., **@2016**
248. Gani, A. Nagoor, K.Ponnalagu, A Method Based on Intuitionistic Fuzzy Linear Programming for Inventory Control Problem, International Journal of Fuzzy Logic and Intelligent Systems Archive, 2016, Vol. 10, No. 1, pp. 71-81., **@2016**
249. Selvachandran, G., Salleh, A.R., Fuzzy parameterized intuitionistic fuzzy soft expert set theory and its applications, Journal of Soft Computing, 11, 2, 52-63., **@2016**
250. Senapati, T., Shum, K.P., Atanassov's intuitionistic fuzzy bi-normed KU -ideals of a KU -algebra, Journal of Nonlinear Sciences and Applications, 9, 1169-1180., **@2016**
251. Broumi, S., F. Smarandache, M.Talea, A. Bakali, Single valued neutrosophic graphs: Degree, order and size, International Conference on Fuzzy Systems (FUZZ-IEEE), 2016, pp. 2444-2451. DOI: 10.1109/FUZZ-IEEE.2016.7738000, **@2016**
252. Dammak, F., L. Baccour, A. M. Alimi, Application and Comparison of Possibility Measures Applied to Intuitionistic Fuzzy Information, 2016 IEEE International Conference on Systems, Man, and Cybernetics, 001308., **@2016**
253. Shah, T., Razzaque, A., Rehman, I., Application of soft sets to non-associative rings, 2016, Journal of Nonlinear Sciences and Applications, 9, 1546., **@2016**
254. Shakiba, A., Hooshmandasl, M.R., Davvaz, B., Fazeli, S.A.S., An intuitionistic fuzzy approach to S-application, International Journal of Fuzzy Systems, 30, 6, 3385-3397., **@2016**
255. Das, S., D. Guha, R. Mesiar, Extended Bonferroni Mean Under Intuitionistic Fuzzy Environment Based on Entropy, International Journal of Fuzzy Systems, Man, and Cybernetics: Systems, 2016, Vol. PP, Issue 99, pp. 1-17. DOI: 10.1109/TSMC.2016.2533112
256. Huang B., Hua-Xiong Li, Guo-Fu Feng, Yu-Liang Zhuang, Distance-based Information Granularity and Granular Space, Fuzzy Information and Engineering, 2016, 8(2), pp. 147-168., **@2016**
257. Shamsizadeh, M., Zahedi, M.M., A note on “quotient structures of intuitionistic fuzzy finite state machines”, Soft Computing, 51, 1-2, 413-423., **@2016**
258. Joshi, B.P., Interval-Valued Intuitionistic Fuzzy Sets based Method for Multiple Criteria Decision Making Applications (IJFSA), 2016, 5(4), Pages: 19. DOI: 10.4018/IJFSA.2016100109, **@2016**
259. Shamsizadeh, M., Zahedi, M.M., Intuitionistic general fuzzy automata, 2016, Soft Computing, 20, 9, 3501-3513.
260. Koundal D., S. Gupta, S. Singh, Applications of Neutrosophic Sets in Medical Image Denoising and Segmentation, Neutrosophic Sets and Systems and Applications (Florentin Smarandache, Surapati Pramanik, eds.), pp. 257-278., **@2016**
261. Shamsizadeh, M., Zahedi, M.M., Minimization of general L-fuzzy automata, 2016, 4th Iranian Joint Conference on Fuzzy Systems, 2015, 7391676., **@2016**

262. Liu, S., Correlation and aggregation integrated MCDM with interval-valued intuitionistic fuzzy number, Computation, Fuzzy Systems and Knowledge Discovery (ICNC-FSKD), 2016, pp. 2252-2256. DOI: 10.1109/ICNC-FSKD.2016.7737701, [@2016](#)
263. Mezzomo, I., B.C. Bedregal, R.H.S. Reiser, H. Bustince, D. Paternain, On n-dimensional strict fuzzy numbers, Fuzzy Systems (FUZZ-IEEE), pp. 301-307. DOI: 10.1109/FUZZ-IEEE.2016.7737701, [@2016](#)
264. Navara, M., M. Navarová, Principles of inclusion and exclusion for interval-valued fuzzy sets and IF-sets, October 2016., [@2016](#)
265. Shao, L.-S., Zhao, L.-L., Wen, T.-X., Kong, X.-B., Bidirectional projection method with interval-valued intuitionistic fuzzy theory, 2016, Kongzhi yu Juece/Control and Decision, 31, 6, 1143-1147., [@2016](#)
266. Ohlan, A., R. Ohlan, Fundamentals of Fuzzy Information Measures, in Chapter Generalizations of Fuzzy Measures, 2016.
267. Lei, Q., Z. Xu, A Unification of Intuitionistic Fuzzy Calculus Theories Based on Subtraction Derivative, Fuzzy Systems, 2016, Volume PP, Issue 99. pp. 1-1. DOI: 10.1109/TFUZZ.2016.2593498, [@2016](#)
268. Shao, L.-S., Zhao, L.-L., Bidirectional projection method with interval-valued intuitionistic fuzzy in Decision, 31, 3, 571-576., [@2016](#)
269. Qi, Yue, H. Qinxizi, Q.Yingli, X. Quan, P. Yongshan, Y. Bingwen, Two-sided matching based on intuitionistic fuzzy sets, 12th International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery, 2016, DOI: 10.1109/FSKD.2016.7603324, [@2016](#)
270. Shao, W., Shao, Y., Generalized soft intuitionistic fuzzy rough sets determined by a pair of intuitionistic fuzzy sets, 2015, Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, 7381944, 226-230., [@2016](#)
271. Son, L.H., Van Viet, P., Van Hai, P. Picture inference system: a new fuzzy inference system on picture, DOI:10.1007/s10489-016-0856-1, [@2016](#)
272. Sharief, B.S., Raja, D., Energy of fuzzy graphs: A review, 2016, International Journal of Pharmacy and Technology, 8, 1, 1-10.
273. Tooranloo, S., H., Ayatollah, A.S. Pathology the Internet Banking Service Quality Using Failure Mode and Effects Analysis Method in Intuitionistic Fuzzy Environment, Int. J. Fuzzy Syst., 2016, 1-15. DOI:10.1007/s40815-016-0265-y, [@2016](#)
274. Lin, J., Zhang, Q., Note on aggregating crisp values into intuitionistic fuzzy number, Applied Mathematics and Computation, 2016, 280, 1080-1088., [@2016](#)
275. Shen, F., Lan, D., Li, Z., An intuitionistic fuzzy ELECTRE-III method for credit risk assessment, 2016, Journal of Economic Surveys, 30, 502, 289-296., [@2016](#)
276. Tyagi, S. K., Making selection using multiple attribute decision-making with intuitionistic fuzzy sets, International Journal of Production Research, 2016, 54, 1, 1-12., [@2016](#)
277. Krsteska, B., Intuitionistic fuzzy weakly open mappings, 2016, Studies in Fuzziness and Soft Computing, 329, 1-10.
278. Wei, G., Picture 2-Tuple Linguistic Bonferroni Mean Operators and Their Application to Multiple Attribute Decision-Making, 2016, 1-14. DOI: 10.1007/s40815-016-0266-x, [@2016](#)
279. Kumuthini, C., Krishnakumari, P., Evolving intuitionistic fuzzy priority classifier with bio-inspiration based on ant colony optimization, 2016, Wireless Networks, 22, 2, 403-415., [@2016](#)
280. Shen, F., Xu, J., Xu, Z., An outranking sorting method for multi-criteria group decision making using intuitionistic fuzzy sets, 2016, Journal of Intelligent & Fuzzy Systems, 33, 334-335, 338-353., [@2016](#)
281. Wibowo, S., S. Grandhi, H. Deng, Multicriteria group decision making for selecting human resources, 2016, IEEE 11th Conference on Industrial Electronics and Applications (ICIEA), 2016, pp. 1405-1410. DOI: 10.1109/ICIEA.2016.7529000
282. Lakshmana Gomathi Nayagam, V., Jeevaraj, S., Dhanasekaran, P., A linear ordering on the class of Trapezoidal fuzzy numbers, Fuzzy Systems with Applications, 60, 269-279., [@2016](#)
283. Zhang, F., Chen, S., Li, J. et al., New distance measures on hesitant fuzzy sets based on the cardinality of sets, Soft Comput, 2016, pp. 1-9. DOI:10.1007/s00500-016-2411-8, [@2016](#)

284. Nachamai, A. L., M. Dhavamani, Solving Intuitionistic Fuzzy Linear Programming by using Ratio Ranking Method, *Journal of Basic Sciences and Humanities*, 2016, 6(8), pp. 1-10., **@2016**
285. Lan, R., Fan, J.-L., Liu, Y., Zhao, F., Image thresholding by maximizing the similarity degree based on intuitionistic fuzzy sets, *Advances in Intelligent Systems and Computing*, 510, 631-640., **@2016**
286. Shen, X.-Y., Li, J., Shi, Z.-H., Wang, Y., Construction and optimization of intention recognition model based on intuitionistic fuzzy sets, *IEEE Transactions on Fuzzy Systems*, 24, 211-222., **@2016**
287. Lee, S., Man, K.L., Lim, E.G., Leach, M., Data analysis with fuzzy measure on intuitionistic fuzzy sets, *Journal of Statistical Science*, 2, 674-678., **@2016**
288. Lee, S.J., Kim, J.T., Continuous mappings of intuitionistic fuzzy bitopological spaces, 2016, *Far East Journal of Mathematical Sciences*, 100, 1139-1140., **@2016**
289. Lei, Q., Xu, Z., Bustince, H., Fernandez, J., Intuitionistic fuzzy integrals based on Archimedean t-conorms, *Information Sciences*, 357, 57-70., **@2016**
290. Zhang, H.-D., Shu, L., Dual hesitant fuzzy soft set and its properties, 2016, *Advances in Intelligent Systems and Computing*, 450, 111-118., **@2016**
291. Tamir, Dan E., et al., Complex Number Representation of Intuitionistic Fuzzy Sets, 2016, pp. 108-113., **@2016**
292. Lei, Q., Xu, Z., Chain and Substitution Rules of Intuitionistic Fuzzy Calculus, 2016, *IEEE Transactions on Fuzzy Systems*, 24, 529-539., **@2016**
293. Zhang, Y., K. W. Li, Z.-J. Wang, Prioritization and Aggregation of Intuitionistic Preference Relations: A New Approach from Intuitionistic Judgment Data to Priority Weights, *Group Decision and Negotiation*, 2016, pp. 1-28. **@2016**
294. Li, B., Li, X., Pan, C., Zou, L., Xu, Y., (α, β) -ordered linear resolution of intuitionistic fuzzy propositional logic, *Proceedings of the International Conference on Intelligent Systems and Knowledge Engineering*, ISKE 2015, 7383070, 341-346., **@2016**
295. Li, B., Zhang, H., Li, Y., The Molds of Intuitionistic Fuzzy Value and Their Applications, 2016, *International Journal of Intelligent Systems*, 31, 298-318., **@2016**
296. Li, D., Zeng, W., Li, J., Geometric Bonferroni Mean Operators, 2016, *International Journal of Intelligent Systems*, 31, 319-336., **@2016**
297. Zhang, H.-Y., Ji, P., Wang, J.-Q., Chen, X.-H., A Neutrosophic Normal Cloud and Its Application in Decision Making, *Journal of Intelligent & Fuzzy Systems*, 30, 649-669., **@2016**
298. Li, D., Zeng, W., Li, J., Yu, F., Note on hesitant fuzzy prioritized weighted operators, 2016, *Journal of Intelligent & Fuzzy Systems*, 30, 3196-3206., **@2016**
299. Servin, C., Kreinovich, V. (2016) Intuitionistic fuzzy logic is not always equivalent to interval-valued fuzzy logic, *Journal of Intelligent & Fuzzy Systems*, 30, No. 5, 1–11., **@2016**
300. Li, M., Wu, C., A Distance Model of Intuitionistic Fuzzy Cross Entropy to Solve Preference Problems, *IEEE Transactions on Fuzzy Systems*, 2016, 8324124., **@2016**
301. Zhang, H.-Y., Yang, S.-Y., Yue, Z.-W., On inclusion measures of intuitionistic and interval-valued intuitionistic fuzzy sets and their applications in group decision making, 2016, *International Journal of Machine Learning and Cybernetics*, 7, 5, 833-843., **@2016**
302. Li, Q., Wang, F., Computation of all generalized inverses of an intuitionistic fuzzy matrix, 2016, *Journal of Intelligent & Fuzzy Systems*, 30, 789-799., **@2016**
303. Li, S., Peng, X., Peng, T., Yang, C., A group evaluation method for complex simulation system credibility based on intuitionistic fuzzy sets, *Proceedings of the 28th Chinese Control and Decision Conference*, CCDC 2016, 7530971, 147-154., **@2016**
304. Zhang, J., Hegde, G.G., Shang, J., Qi, X., Evaluating emergency response solutions for sustainable community resilience using intuitionistic fuzzy sets and their applications in group decision making approaches: IVDHF-TOPSIS and IVDHF-VIKOR, 2016, *Sustainability (Switzerland)*, 8, 1-15., **@2016**
305. Li, W.-X., Huang, Z.-K., Feng, Z.-M., Zhang, C.-Y., Weight of basic health service equalization index based on intuitionistic fuzzy sets and their applications in group decision making, 2016, *Advances in Intelligent Systems and Computing*, 443, 243-250., **@2016**
306. Ohlan, A., R. Ohlan, Generalizations of Fuzzy Information Measures, Book 2016, ISBN: 978-3-319-4599-0.

- 307.** Li, X., Guo, M.F., Su, Y.F., On the intuitionistic fuzzy metric spaces and the intuitionistic fuzzy norm Applications, 9, 9, 5441-5448., **@2016**
- 308.** Zhang, J., Liu, G., Gong, Y., Some notes on characters of intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 34, 1, 117-124., **@2016**
- 309.** Ohlan, A., R. Ohlan, Intuitionistic Fuzzy Exponential Divergence and Multi-attribute Decision-Making Measures, 2016, pp 123-142., **@2016**
- 310.** Li, X., Song, Y., Quan, W., Evaluating evidence reliability based on intuitionistic fuzzy MCDM model, 2016, 3, 1167-1182, **@2016**
- 311.** Li, Y., Liu, P., Chen, Y., Some Single Valued Neutrosophic Number Heronian Mean Operators and Their Application in Group Decision Making, 2016, *Informatica* (Netherlands), 27, 1, 85-110., **@2016**
- 312.** Li, Y., Wang, Y., Liu, P., Multiple attribute group decision-making methods based on trapezoidal fuzzy aggregation operators, 2016, *Soft Computing*, 20, 7, 2689-2704., **@2016**
- 313.** Zhang, M., Liu, P., Shi, L., An extended multiple attribute group decision-making TODIM method based on TOPSIS, 2016, *Journal of Intelligent and Fuzzy Systems*, 30, 3, 1773-1781., **@2016**
- 314.** Lin, K.-P., Chang, H.-F., Chen, T.-L., Lu, Y.-M., Wang, C.-H., Intuitionistic fuzzy C-regression by using the least squares method, 2016, *Expert Systems with Applications*, 64, 296-304., **@2016**
- 315.** Afful-Dadzie, E., Z. K. Oplatková, L. A. B. Prieto, Comparative State-of-the-Art Survey of Classical and Fuzzy Methods for Multi-criteria Decision Making, *International Journal of Fuzzy Systems*, 2016, pp. 1-13. DOI: 10.1007/s40815-016-0180-2
- 316.** Liu, B., Luo, M.-X., Multicriteria decision making based on interval-valued intuitionistic fuzzy sets with respect to linguistic variables, 2016, *Journal of Intelligent Systems and Computing*, 510, 477-486., **@2016**
- 317.** Barbhuiya, S. R. Modal operator $\mathcal{F}\alpha, \beta$ on intuitionistic fuzzy BG-algebras, *Notes on Intuitionistic Fuzzy Sets*, 2016, 22, 1-10.
- 318.** Liu, B., Shen, Y., Mu, L., Chen, X., Chen, L., A new correlation measure of the intuitionistic fuzzy sets, 2016, 2, 1019-1028., **@2016**
- 319.** Liu, C., Luo, Y., Correlated aggregation operators for simplified neutrosophic set and their applications, 2016, *Journal of Intelligent and Fuzzy Systems*, 30, 3, 1755-1761., **@2016**
- 320.** Zhang, S., Li, X., Meng, F., An approach to multi-criteria decision-making under interval-valued intuitionistic fuzzy environment, 2016, *Journal of Industrial and Production Engineering*, 33, 4, 253-270., **@2016**
- 321.** Broumi, S., M. Talea, A. Bakali, F. Smarandache, On Strong Interval Valued Neutrosophic Graphs, 2016, *Journal of Intelligent and Fuzzy Systems*, 34, 12:49, pp. 49-71., **@2016**
- 322.** Liu, C., Luo, Y., The Weighted Distance Measure Based Method to Neutrosophic Multiattribute Group Decision Making, 2016, 3145341., **@2016**
- 323.** Liu, C.-H., Interval-valued intuitionistic (T, S)-fuzzy LI-ideals in lattice implication algebras, 2016, *Advances in Fuzzy Mathematics*, 11, 3, 337-347., **@2016**
- 324.** Deepa, G., Praba, B., Chandrasekaran, V.M., SPREADING RATE OF VIRUS ON EXTREME ENERGY CONSUMPTION IN INDIA, 2016, *International Journal Of Pharmacy & Technology*, 2016, 892, pp. 13286-13294., **@2016**
- 325.** Liu, H.-C., You, J.-X., You, X.-Y., Su, Q., Fuzzy Petri nets Using Intuitionistic Fuzzy Sets and Order Relations, 2016, *IEEE Transactions on Cybernetics*, 46, 8, 1839-1850., **@2016**
- 326.** Zhang, S., Wang, T., Gu, X., Synthetic evaluation of power grid operating states based on intuitionistic fuzzy sets, 2016, *Journal of Electrical Power System Research*, 134, 10-16., **@2016**
- 327.** Ali, M., S. S. Kumar, T. Chandrakha, Intuitionistic Fuzzy Sequences in Metric Spaces, *International Journal of Fuzzy Logic and Intelligent Systems*, 2016, Vol. 4, Issue 1-B, pp. 155–159., **@2016**
- 328.** Liu, J., Zeng, S., Pan, T., Pythagorean fuzzy dependent ordered weighted averaging operator and its application in decision making, 2016, *Gummi, Fasern, Kunststoffe*, 69, 14, 2036-2042., **@2016**

329. Deli, I., S. Eraslan, N. Çağman, ivnpiv-Neutrosophic soft sets and their decision making based on similarity measures, 2016, pp. 1-17. DOI: 10.1007/s00521-016-2428-z, **@2016**
330. Liu, P., Li, Y., Antuchevičienė, J., Multi-criteria decision-making method based on intuitionistic fuzzy sets, Technological and Economic Development of Economy, 22, 3, 453-469., **@2016**
331. Cheng, H., Tang, J., Interval-valued intuitionistic fuzzy multi-criteria decision making based on the geometric mean operator, Journal of Industrial and Production Engineering, 33, 1, 1-16., **@2016**
332. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaro-Romanian Border, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
333. Cheng, S.-H., Chen, S.-M., Lan, T.-C., A New Similarity Measure between Intuitionistic Fuzzy Sets for Decision Making Problems, Proceedings - 2015 IEEE International Conference on Systems, Man, and Cybernetics, 2015, 2249., **@2016**
334. Liu, P., Tang, G., Some power generalized aggregation operators based on the interval neutrosophic sets, Journal of Intelligent and Fuzzy Systems, 30, 5, 2517-2528., **@2016**
335. Bohre, K., S. S. Thakur, ON LOWER AND UPPER WEAKLY α -CONTINUOUS INTUITIONISTIC FUZZY SETS, Series: Mathematics and Informatics, 2016, 31(2), pp. 315-333., **@2016**
336. Chou, W.-S., New algorithm of similarity measures for pattern-recognition problems, 2016, Journal of Technology and Science, 48, 1, 1-10.
337. Liu, P., Teng, F., An extended TODIM method for multiple attribute group decision-making based on interval neutrosophic sets, Complexity, 21, 5, 20-30., **@2016**
338. Zhang, W., Zhang, S., Zhang, S., Yu, D., A novel method for MCDM and evaluation of manufacturing process quality based on interval neutrosophic sets, Journal of Algorithms and Computational Technology, 10, 1, 40-51., **@2016**
339. Kutlu, Fatih, A. A. Ramadan, Tunay Bilgin (2016) On compactness in temporal intuitionistic fuzzy $S\ddot{o}$ -sets, Volume 22, 2016, Number 5, pages 46—62., **@2016**
340. Chowdhary, C.L., Acharjya, D.P., A hybrid scheme for breast cancer detection using intuitionistic fuzzy sets, Journal of Healthcare Information Systems and Informatics, 11, 2, 38-61., **@2016**
341. Liu, P., Teng, F., Multiple criteria decision making method based on normal interval-valued intuitionistic fuzzy sets, Complexity, 21, 5, 277-290., **@2016**
342. Chu, J., Liu, X., Wang, Y., Chin, K.-S., A group decision making model considering both the additive and multiplicative linguistic preference relations, 2016, Computers and Industrial Engineering, 101, 227-242., **@2016**
343. Liu, P., Wang, Y., Interval neutrosophic prioritized OWA operator and its application to multiple attribute group decision making, Science and Complexity, 29, 3, 681-697., **@2016**
344. Senthil Kumar, L. (2016) Regular weakly generalized locally closed sets in intuitionistic fuzzy topological spaces, Volume 22, 2016, Number 5, pages 63—71, **@2016**
345. Chuantao, W., Xiaofei, C., Baowen, L., Fuzzy comprehensive evaluation based on multi-attribute group decision making, 2016, Journal of Intelligent and Fuzzy Systems, 31, 4, 2203-2212., **@2016**
346. Liu, P., Zhang, L., Liu, X., Wang, P., Multi-Valued Neutrosophic Number Bonferroni Mean Operators with Application in Group Decision Making, 2016, International Journal of Information Technology and Decision Making, 15, 5, 1111-1130.
347. Zhang, X., A Novel Approach Based on Similarity Measure for Pythagorean Fuzzy Multiple Criteria Group Decision Making, Journal of Intelligent Systems, 31, 6, 593-611, **@2016**
348. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, Edu-Libri, Kraków–Legnica, 2016.
349. Cuong, B.C., Hai, P.V., Some Fuzzy Logic Operators for Picture Fuzzy Sets, 2016, Proceedings - 2015 International Conference on Knowledge Science and Engineering, KSE 2015, 7371771, 132-137., **@2016**
350. Rasuli, Rasul (2016) Norms over intuitionistic fuzzy subrings and ideals of a ring. Notes on Intuitionistic Fuzzy Sets, 22, 1, 1-10.

351. Gou, X., Z. Xu, H. Liao, Multiple criteria decision making based on Bonferroni means with hesitant fuzzy sets, 1-15. doi:10.1007/s00500-016-2211-1, @2016
352. Cuong, B.C., Ngan, R.T., Hai, B.D., An Involutive Picture Fuzzy Negator on Picture Fuzzy Sets and Some Applications, IEEE International Conference on Knowledge and Systems Engineering, KSE 2015, 7371770, 126-131., @2015
353. Liu, P., The Aggregation Operators Based on Archimedean t-Conorm and t-Norm for Single-Valued Hesitant Fuzzy Numbers, Decision Making, 2016, International Journal of Fuzzy Systems, 18, 5, 849-863., @2016
354. Shi, Y., Yuan, X., Zhang, Y., Zhang, Y., Sufficient conditions of cut sets on intuitionistic fuzzy sets, 2016, 367, 85-95., @2016
355. Zhang, X., Multicriteria Pythagorean fuzzy decision analysis: A hierarchical QUALIFLEX approach, 2016, Information Sciences, 330, 104-124., @2016
356. Liu, X., D. Ju, A GRP-based Hesitant Fuzzy Multiple Attribute Decision Making Method and Its Application, 2016 Proceedings, 2016, Paper 63, pp. 53-60., @2016
357. Huang, B., Chun-xiang Guo, Hua-xiong Li, Guo-fu Feng, Xian-zhong Zhou, An intuitionistic fuzzy grade, 2016, 107, pp. 155-178., @2016
358. Çuvalcioğlu, G., One, two and uni-type operators on IFSs, 2016, Studies in Fuzziness and Soft Computing, 330, 104-124., @2016
359. Shora, A.R., Alam, A., Biswas, R., Intuitionistic fuzzy multivalued dependency and intuitionistic fuzzy dependency, 2016, International Journal of Fuzzy Systems and Computing, 404, 393-404., @2016
360. Dammak, F., Baccour, L., Alimi, A.M., An Exhaustive Study of Possibility Measures of Interval-Valued Fuzzy Numbers for Intuitionistic Fuzzy Multicriteria Decision Making, 2016, Advances in Fuzzy Systems, 2016, 9185706., @2016
361. Srivastava, R., Ranking software quality factors using intuitionistic preference relations and group decision making, 2016, International Conference on Green Computing and Internet of Things, ICGCIoT 2015, 7380664, 1288-1293., @2015
362. Zhang, Y., Xie, A., Wu, Y., A hesitant fuzzy multiple attribute decision making method based on interval-valued Pythagorean fuzzy sets, 2016, PapersOnLine, 48, 28, 427-431., @2016
363. Murugadas, P., K. Lalitha, Similarity and dissimilarity relations in intuitionistic fuzzy matrices using implication operators, 2016, Accepted 27 May 2016, Vol. x, No. x, pp. 1–22. 436. Murugadas, P., K. Lalitha, Similarity and dissimilarity measures in intuitionistic fuzzy sets using implication operators, Ann. Fuzzy Math. Inform., Accepted 27 May 2016, Vol. x, No. x, pp. 1–22., @2016
364. Kaushik, A., D. Kr. Tayal, K. Yadav, A. Kaur, Integrating firefly algorithm in artificial neural network for solving multi-objective optimization problems, 2016, Journal of Software: Evolution and Process, 2016, 28(8), pp. 665-688. doi:10.1002/sm.1792., @2016
365. Danyali, H., Helfroush, M.S., Moshavash, Z., Robust leukocyte segmentation in blood microscopic images using a novel feature extraction method, 2015 22nd Iranian Conference on Biomedical Engineering, ICBME 2015, 7404155, 275-280., @2015
366. Liu, Q., Yang, F., Pu, Y., Zhang, M., Pan, G., Segmentation of farmland obstacle images based on intuitionistic fuzzy sets, 2016, International Journal of Intelligent and Fuzzy Systems, 31, 1, 163-172., @2016
367. Das, A., Bera, U.K., Das, B., A solid transportation problem with mixed constraint in different environments, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, 179-195., @2016
368. Liu, T., Wang, C., Li, X., Model for evaluating the management performance of the sport grounds with intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 31, 3, 1535-1544., @2016
369. Singaravelan, A., Ilango, G., Some more properties of intuitionistic β -open sets, 2016, International Journal of Computational Intelligence Systems, 9, 2, 245-262., @2016
370. Zhang, Z., Guo, C., Fusion of Heterogeneous Incomplete Hesitant Preference Relations in Group Decision Making, 2016, International Journal of Computational Intelligence Systems, 9, 2, 245-262., @2016
371. Veerammal, P., M. Palanivelrajan, (2016) An introduction to intuitionistic L-fuzzy semi-primary ideals, 2016, International Journal of Computational Intelligence Systems, 9, 2, 245-262., @2016

2016, Number 5, pages 84—97., **@2016**

372. Leyendekkers, J. V., A. G. Shannon, Figurate numbers in the modular ring Z4, Notes on Number Theory and Discrete Mathematics, 2016, 22(1), 49–55., **@2016**
373. Das, A.K., On partially included intuitionistic fuzzy rough relations, 2016, Afrika Matematika, 27, 5-6, 93-103., **@2016**
374. Liu, W., Liu, H.-Z., Study on pipeline leaking detection and location based on intuitionistic fuzzy sets [Učenje i optimizacija u poziciji detekcije i lokacije izljevajućeg vodovoda na temelju intuicijske teorije neizrazitih skupova], 2016, Tehnicki Vjesnik, 23, 3, 685-693., **@2016**
375. Singh, S.K., Yadav, S.P., A new approach for solving intuitionistic fuzzy transportation problem of type I, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
376. Zhang, Z., Attributes reduction based on intuitionistic fuzzy rough sets, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
377. Roeva, O., P. Vassilev, S. Fidanova, M. Paprzyck, InterCriteria Analysis of Genetic Algorithms for Optimization, Volume 655 of the series Studies in Computational Intelligence, 2016, pp. 235-260., **@2016**
378. Das, S., Dutta, B., Guha, D., Weight computation of criteria in a decision-making problem by knowledge valued intuitionistic fuzzy set, 2016, Soft Computing, 20, 9, 3421-3442., **@2016**
379. Liu, X.-D., Zhu, J.-J., Zhang, S.-T., Liu, G.-D., Hesitant fuzzy multiple attribute decision making method, 2016, Chinese Journal of Control and Decision, 31, 2, 297-302., **@2016**
380. Singh, S.K., Yadav, S.P., A novel approach for solving fully intuitionistic fuzzy transportation problems, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
381. Ali, Mumtaz, Dan E. Tamir, Naphtali D. Rishe, Abraham Kandel, Complex intuitionistic fuzzy classification systems, 2016, Fuzzy Sets and Systems (FUZZ-IEEE), 2016, pp. 2027-2034. DOI: 10.1109/FUZZ-IEEE.2016.7737941., **@2016**
382. Roeva, O., T. Pencheva, M. Angelova, P. Vassilev, InterCriteria Analysis by Pairs and Triples of Genetic Algorithms, Recent Advances in Computational Optimization, Volume 655 of the series Studies in Computational Intelligence, 2016, pp. 235-260., **@2016**
383. Liu, Y., Zheng, M.-C., Mechanisms of mixed fuzzy reasoning for asymmetric types, 2016, Advances in Fuzzy Systems, 2016, Article ID 300., **@2016**
384. Singh, S.K., Yadav, S.P., Fuzzy Programming Approach for Solving Intuitionistic Fuzzy Linear Fractional Programming Problems, 2016, Journal of Fuzzy Systems, 18, 2, 263-269., **@2016**
385. Zhang, Z., Deriving the priority weights from incomplete hesitant fuzzy preference relations based on the geometric weighted average operator, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
386. Salama, A. A., F. Smarandache, Neutrosophic Crisp Probability Theory & Decision Making Procedure Under Uncertainty, 2016, 12:49, pp. 34-48., **@2016**
387. Palanivelrajan, M., K. Gunasekaran, E. Adilakshmi, Interval Valued Intuitionistic Anti Fuzzy Primary Idempotent, 2016, 7(5), pp. 151-160., **@2016**
388. Das, S., Guha, D., Dutta, B., Medical diagnosis with the aid of using fuzzy logic and intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
389. Davvaz, B., Hassani Sadrabadi, E., An application of intuitionistic fuzzy sets in medicine, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
390. Liu, Z., Liu, P., Intuitionistic normal fuzzy prioritized aggregation operators and their application to group decision making, 2016, Chinese Journal of Shijian/System Engineering Theory and Practice, 36, 2, 494-504., **@2016**
391. Singh, S.K., Yadav, S.P., Intuitionistic fuzzy transportation problem with various kinds of uncertainties, 2016, Journal of Systems Assurance Engineering and Management, 7, 3, 262-272., **@2016**
392. Sarala, N., B. Suganya, An Application of Similarity Measure of Intuitionistic Fuzzy Soft Sets Based on Entropy, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**
393. Lourenzutti, R., Krohling, R.A., A generalized TOPSIS method for group decision making with heterogeneous information, 2016, Journal of Intelligent and Fuzzy Systems, 34(3), 349-363., **@2016**

2016, Information Sciences, 330, 1, 18., **@2016**

394. Zhang, Z., Several New Hesitant Fuzzy Aggregation Operators and their Application to Multi-criteria Decision Making Problem, Indian Academy of Sciences India Section A - Physical Sciences, 86, 3, 377-393., **@2016**
395. Anshu, Ohlan, Intuitionistic fuzzy exponential divergence: Application in multi-attribute decision making problem, vol. 30, no. 3, pp. 1519-1530. DOI: 10.3233/IFS-151859, **@2016**
396. Satheesh, A., Enhance Voltage Stability using Intelligent Techniques with the Aid of Facts Controller, Journal of Electrical Engineering and Applied Sciences, 2016, 6(12), pp. 701-716. DOI: 10.5958/2249-7315.2016.01322.8, **@2016**
397. Radwan, N. M., M. B. Senousy, M. R. A. El Din, Approaches for managing uncertainty in learning environments, Journal of Educational Technology and Research, 2016, 40(2), pp. 1-10., **@2016**
398. Luo, Q., Liao, Z., Ma, S., Wang, Q., Qian, D., Li, Y., A new type of soft filters of FI-algebras, 2016, Journal of Liaoning Normal University (Natural Science Edition), 35, 11, 1331-1334., **@2016**
399. Son, L.H., Generalized picture distance measure and applications to picture fuzzy clustering, 2016, Applications of Mathematics in Engineering and Architecture, 2016, 1, 1-10., **@2016**
400. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of Lactobacillus lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486., **@2016**
401. De Miguel, L., Bustince, H., Fernandez, J., Induráin, E., Kolesárová, A., Mesiar, R., Construction of admissible intuitionistic fuzzy sets with an application to decision making, 2016, Information Fusion, 27, 189-197., **@2016**
402. Ma, H., Hu, Z., Li, K., Zhang, H., Toward trustworthy cloud service selection: A time-aware approach, Parallel and Distributed Computing, 96, 75-94., **@2016**
403. Zhang, Z.-H., Hu, Y., Chen, Z., Yuan, S., Xiao, K.-X., Some weighted ranking operators with interval-valued outsourced software project risk assessment, 2016, Lecture Notes in Computer Science (including subseries Lecture Notes in Bioinformatics), 9920 LNBI, 386-395., **@2016**
404. Uluçay, V., I. Deli, M. Şahin, Similarity measures of bipolar neutrosophic sets and their application to medical Diagnosis and Applications, 2016, pp. 1-10. DOI: 10.1007/s00521-016-2479-1, **@2016**
405. Ma, Z., Xu, Z., Symmetric Pythagorean Fuzzy Weighted Geometric/Averaging Operators and Their Application Problems, 2016, International Journal of Intelligent Systems, 31, 12, 1198-1219., **@2016**
406. Rao, B. N., N. Ramakrishana, T. Eswarlal, Application of Translates of Vague Sets in Carier Decission Making, 380., **@2016**
407. De Tré, G., De Mol, R., Vandermeulen, D., Claes, P., Hermans, J., Nielandt, J., Human Centric Recognition of Computational Intelligence Systems, 9, 2, 296-310, **@2016**
408. Maheshwari, S., Srivastava, A., Study on divergence measures for intuitionistic fuzzy sets and its applications, Journal of Statistical Theory and Applications, 6, 3, 772-789., **@2016**
409. Song, C., Guo, L., Wang, N., Ma, L., Availability optimization and allocation for repairable systems, Proceedings of 2015 Prognostics and System Health Management Conference, PHM 2015, 7380079., **@2015**
410. Deepa, G., Praba, B., Chandrasekaran, V.M., A study on energy of an intuitionistic fuzzy directed graph, Journal of Intelligent and Fuzzy Technology, 9, 2, 190-195, **@2016**
411. Mahmoudi, A., Sadi-Nezhad, S., Makui, A., Vakili, M.R., An extension on PROMETHEE based on the concept of intuitionistic fuzzy sets for solving multi-criteria decision-making problem, 2016, Kybernetes, 45, 8, 1213-1231., **@2016**
412. Song, Y., Wang, X., Lei, L., Quan, W., Huang, W., An evidential view of similarity measure for Atanassov's intuitionistic fuzzy sets, Journal of Intelligent and Fuzzy Systems, 31, 3, 1653-1668., **@2016**
413. Zhang, Z.-H., Li, Z.-J., Chen, X.-X., Qu, G.-H., Hu, Y., Xu, J.-H., Ma, C., A novel weighted average intuitionistic fuzzy sets and its application to outsourced software project risk assessment, 2016, Advances in Intelligent Systems and Computing, 437, 101-112., **@2016**
414. Amma, B. Ben, S. Melliani, L. S. Chadli, Numerical solution of intuitionistic fuzzy differential equations, Journal of Intelligent and Fuzzy Systems, 31, 3, 1669-1680., **@2016**

415. Cuong, B. C., P. H. Phong, F. Smarandache, Standard Neutrosophic Soft Theory: Some First Results, NIFS, 2016, Vol. 22, No. 3, 91., **@2016**
416. Yang, J., Generalized hesitant fuzzy geometric aggregation operators and their applications in multicriteria decision making, Accepted 7 June 2016, Vol. x, No. x, pp. 1–27., **@2016**
417. Mandal, K., Basu, K., Improved similarity measure in neutrosophic environment and its application in decision making, Journal of Intelligent and Fuzzy Systems, 31, 3, 1721-1730., **@2016**
418. Song, Y.-F., Wang, X.-D., Lei, L., Combination of temporal evidence sources based on intuitionistic fuzzy sets, Journal of Chinese Library Sinica, 42, 9, 1322-1338., **@2016**
419. Bărbăcioru, I. C., Using Maple for Ranking Generalized Trapezoidal Intuitionistic Fuzzy Number, Annals of University of Bucharest, Jiu-Letters & Social Sciences Series, 2016, No. 2, pp. 34-38., **@2016**
420. Dejian Yu, José M. Merigó, Yejun Xu, Group Decision Making in Information Systems Security Assessment, Journal of Intelligent Systems, 2016, Vol. 31, Issue 8, pp. 786–812. DOI: 10.1002/int.21804, **@2016**
421. Delgado, M., Marín, N., Pérez, Y., Amparo Vila, M., Bipolar queries on fuzzy univalued and multivalued information systems, Journal of Intelligent and Fuzzy Systems, 292, 175-192., **@2016**
422. Manimaran, A., Chandrasekaran, V.M., Praba, B., A review of fuzzy environmental study in medical and pharmaceutical fields, Journal of Pharmacy and Technology, 9, 2, 177-184., **@2016**
423. Zhang, Z.-H., Qu, G.-H., Xiao, K.-X., Hu, Y., Li, Z.-J., Chen, X.-X., Xu, J.-H., Ma, C., Some novel dynamic models for outsourced software project risk, 2016, Advances in Intelligent Systems and Computing, 443, 273-286.
424. Bin, C., Generalized Hesitant Fuzzy Soft Sets, Italian Journal of Pure and Applied Mathematics, 2016, No. 7, 1-10.
425. Valderrama, J. F. B., Methodology for predicting and/or compensating the behavior of optical frequency comb, Journal of Intelligent Systems, 2016, Vol. 31, Issue 8, pp. 813–826. DOI: 10.1002/int.21805, **@2016**
426. SAYED, O. R., R. A. BORZOOEI, SOFT TOPOLOGY AND SOFT PROXIMITY AS FUZZY PRE-UNIFORM SPACES, Iranian Journal of Fuzzy Systems, 2016, Vol. 13, No. 7, pp. 153-168., **@2016**
427. Deli, I., Karataş, S., Interval valued intuitionistic fuzzy parameterized soft set theory and its decision making, Journal of Intelligent Systems, 30, 4, 2073-2082, **@2016**
428. Mao, J., Zhao, Y., Ma, C., A New Type of Compositive Information Entropy for IvIFS and Its Applications, Journal of Intelligent Systems, 2016, 7652540., **@2016**
429. Srivastava, A., Maheshwari, S., Decision making in medical investigations using new divergence measures, Journal of Fuzzy Systems, 13, 1, 25-44., **@2016**
430. Abbas, S. E., I. Ibedou, Fuzzy soft uniform spaces, Soft Computing, 2016, pp. 1-11. DOI: 10.1007/s00500-015-1820-2, **@2016**
431. Marasini, D., Quatto, P., Ripamonti, E., Fuzzy Analysis of Students' Ratings, 2016, Evaluation Review, 40(1), 1-16.
432. Deb, M., P. Kaur, Intuitionistic Fuzzy-Based Multi-Attribute Decision-Making Approach for Selection of Best Software Project, Computational Intelligence, Volume 509 of the series Advances in Intelligent Systems and Computing, pp. 1-10.
433. Gao, J., H. Liu, A New Prospect Projection Multi-Criteria Decision-Making Method for Interval-Valued Fuzzy Sets, Journal of Intelligent Systems, 2016, Vol. 31, Issue 8, pp. 64. DOI: 10.1007/s00500-016-1820-2, **@2016**
434. Akram, M., S. Shahzadi, Novel intuitionistic fuzzy soft multiple-attribute decision-making methods, Neural Computing and Applications, 2016, Vol. 27, No. 1, 1-10. DOI: 10.1007/s00521-016-2543-x, **@2016**
435. Deschrijver, G., Kerre, E.E., Additive generators based on generalized arithmetic operators in interval-valued intuitionistic fuzzy sets, 2016, Studies in Fuzziness and Soft Computing, 332, 137-157, **@2016**
436. Zhao, H., Xu, Z., Cui, F., Generalized Hesitant Fuzzy Harmonic Mean Operators and Their Applications, Journal of Intelligent Systems, 2016, Vol. 31, Issue 8, pp. 1-10. DOI: 10.1007/s00500-016-1820-2, **@2016**

437. Begum, S. S., R. Srinivasan, A Study on Properties of Intuitionistic Fuzzy Sets of Third Type, International Journal of Fuzzy System Applications, 2016, Vol.4, Issue 2-B, pp. 59–64., **@2016**
438. Dey, A., Pal, M., Multi-fuzzy complex nilpotent matrices, 2016, International Journal of Fuzzy System Applications, 2016, Vol.4, Issue 2-B, pp. 59–64., **@2016**
439. Marasini, D., Quatto, P., Ripamonti, E., Intuitionistic fuzzy sets in questionnaire analysis, 2016, Quality and Quantity, 50(1), 1-12., **@2016**
440. Szmidt, E., Kacprzyk, J., Kukier, M., Recognizing imbalanced classes by an intuitionistic fuzzy classifier, 2016, Data Mining and Knowledge Discovery, 33(1), 233-247., **@2016**
441. Garg, H., An Improved Score Function for Ranking Neutrosophic Sets and its Application to Decision Making under Uncertainty Quantification, pp. 377-385. DOI: 10.1615/Int.J.UncertaintyQuantification.2016018441, **@2016**
442. Gupta, P., H. P. Arora, Pratiksha Tiwari, Generalized Entropy for Intuitionistic fuzzy sets, Malaysian Journal of Mathematical Sciences, 2016, 10(2), 209-220., **@2016**
443. Cao, Yong-xi, Huan Zhou, Jian-qiang Wang, An approach to interval-valued intuitionistic stochastic multi-criteria decision making based on TOPSIS, International Journal of Machine Learning and Cybernetics, 2016, pp. 1-12. DOI:10.1007/s13042-016-0520-2, **@2016**
444. Dick, S., Yager, R.R., Yazdanbakhsh, O., On pythagorean and complex fuzzy set operations, 2016, IEEE Transactions on Fuzzy Systems, 24(6), 1009-1021, **@2016**
445. Martins, C.H.R., Araujo, M.A.A., Flauzino, R.A., Power transformer fault diagnosis using DGA and fuzzy preference relations, 2016, 2015 IEEE PES Innovative Smart Grid Technologies Latin America, ISGT Latin America, 1-6., **@2016**
446. Tahvili, S., Afzal, W., Saadatmand, M., Bohlin, M., Sundmark, D., Larsson, S., Towards earlier fault detection in power systems using fuzzy TOPSIS, 2016, Advances in Intelligent Systems and Computing, 448, 745-759., **@2016**
447. Zhao, H., Xu, Z., Yao, Z., Interval-Valued Intuitionistic Fuzzy Derivative and Differential Operational Calculus, International Journal of Intelligent Systems, 9, 1, 36-56., **@2016**
448. Jeevaraj, S., P. Dhanasekaran, A linear ordering on the class of Trapezoidal intuitionistic fuzzy numbers, 2016, International Journal of Machine Learning and Cybernetics, 7(2), 269-279., **@2016**
449. Devarasan, E., M. Adhiyaman, Edge Detection Method for Latent Fingerprint Images Using Intuitionistic Fuzzy Logic, International Journal of Information Technologies, 2016, 16(3), pp. 205-218., **@2016**
450. Tian, Z.-P., J. Wang, H.-Y. Zhang, J.-Q. Wang, Multi-criteria decision-making based on generalized neutrosophic uncertain linguistic environment, International Journal of Machine Learning and Cybernetics, 2016, 7(9), 1311-1323., **@2016**
451. Ding, T., Liang, L., Yang, M., Wu, H., Multiple Attribute Decision Making Based on Cross-Evaluation Method, International Journal of Mathematical Problems in Engineering, 2016, 4313247., **@2016**
452. Mei, J.-P., Wang, Y., Chen, L., Miao, C., Large scale document categorization with fuzzy clustering, 2016, Journal of Big Data, 3(1), 7555373., **@2016**
453. Taib, C.M.I.C., Yusoff, B., Abdullah, M.L., Wahab, A.F., Conflicting Bifuzzy Multi-attribute Group Decision Making, International Journal of Group Decision and Negotiation, 2016, 25, 1, 157-180., **@2016**
454. Padder, R. A., P. Murugadas, Generalization of Szpilrajn's Theorem on Intuitionistic Fuzzy Matrix, Journal of Mathematics and Computer Science, 2016, 16(1), 7-14., **@2016**
455. Dhar, M., Some Results of Intuitionistic Fuzzy Soft Matrix, I.J. Intelligent Systems and Applications, 2016, 10.5815/ijisa.2016.08.06., **@2016**
456. Djukić, M., Tepavčević, A., Poset valued intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 30(1), 1-10., **@2016**
457. Mei, Y., An electre approach based on triangular intuitionistic fuzzy numbers, 2016, Gummi, Fasern, Kunststoffe, 39(1), 1-10., **@2016**
458. Zhao, H., Xu, Z., Intuitionistic fuzzy multi-attribute decision making with ideal-point-based method and TOPSIS, International Journal of Approximate Reasoning, 2016, 70, 747-757., **@2016**
459. Robinson, J. P., Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Fuzzy Sets, International Journal of Approximate Reasoning, 2016, 70, 747-757., **@2016**

460. Kruse, Rudolf, et al., Introduction to Fuzzy Sets and Fuzzy Logic, Computational Intelligence, 2016, pp. 1-10.
461. Tian, Z.-P., et al., An improved MULTIMOORA approach for multi-criteria decision-making based on linguistic information, Neural Computing and Applications, 2016, pp. 1-13. doi:10.1007/s00521-016-2377-z
462. Meng, F., An, Q., Chen, X., A consistency and consensus-based method to group decision making via the TOPSIS method, Journal of the Operational Research Society, 67, 11, 1419-1437., @2016
463. Roeva, O., J. Perez, F. Valdez, O. Castillo, InterCriteria Analysis of Bat Algorithm with Parameter Adaptive Scheme, Notes on Intuitionistic Fuzzy Sets, 2016, Vol. 22, No. 3, 91-105., @2016
464. Dhavudh, S. Sheik, R. Srinivasan, Properties of Intuitionistic L-Fuzzy Sets of Second Type, International Journal of Fuzzy Systems, 2016, Vol. 4, Issue 2-B, pp. 65-68., @2016
465. Dong, J., Wan, S., A new method for multi-attribute group decision making with triangular intuitionistic fuzzy numbers, Journal of Intelligent & Fuzzy Systems, 30, 1, 180., @2016
466. Meng, F., Chen, X., The symmetrical interval intuitionistic uncertain linguistic operators and their applications in group decision making, Journal of Industrial Engineering, 98, 531-542., @2016
467. Takáč, Z., Subsethood measures for interval-valued fuzzy sets based on the aggregation of interval fuzzy sets, Journal of Intelligent & Fuzzy Systems, 30, 1, 120-139., @2016
468. Zhao, J., Lin, L.-Y., Lin, C.-M., A General Fuzzy Cerebellar Model Neural Network Multidimensional Feature Extraction for Medical Identification, 2016, Computational Intelligence and Neuroscience, 2016, 8073279., @2016
469. Sanchez, M. A., J. R. Castro, O. Castillo, O. Mendoza, A. Rodriguez-Diaz, P. Melin, Fuzzy high-dimensional feature extraction for medical identification, Granular Computing, pp. 1-9. DOI: 10.1007/s41066-016-0030-5, @2016
470. Sugandhi, A., S. K. Tiwari, A. Pariya, Common Fixed Point Theorems for Weakly Compatible Mappings in Fuzzy Metric Space of Integral Type, Journal of Mathematics and Informatics, Vol. 6, 2016, 21-29., @2016
471. Lia, X., M. Guoa, Y. Sub, On the intuitionistic fuzzy metric spaces and the intuitionistic fuzzy metric spaces, Journal of Intelligent & Fuzzy Systems, 30, 1, 161-168., @2016
472. Fidanova, S., O. Roeva, A. Mucherino, K. Kapanova, InterCriteria Analysis of Ant Algorithm with Evolutionary Strategy, Chapter Artificial Intelligence: Methodology, Systems, and Applications, Volume 9883 of the series Lecture Notes in Computer Science, pp. 269-278., @2016
473. UVALCIOĞLU, G., C., Y. YORULMAZ, NEW INTUITIONISTIC FUZZY LEVEL SETS, IFSCOM 2016, ISBN: 978-975-6900-54-3, @2016
474. Dong, J.-Y., Lin, L.-L., Wang, F., Wan, S.-P., Generalized Choquet Integral Operator of Triangular Intuitionistic Fuzzy Numbers and Its Application to Multi-Attribute Group Decision Making, 2016, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 24, 6, 663-683., @2016
475. Meng, F., Wang, C., Chen, X., Linguistic Interval Hesitant Fuzzy Sets and Their Application in Decision Making, 2016, International Journal of Fuzzy Systems, 17, 1, 61-68., @2016
476. Meng, F., & Chen, X. (2016). Entropy and similarity measure of Atanassov's intuitionistic fuzzy sets and their applications in pattern analysis. Pattern Analysis and Applications, 19(1), 11-20., @2016
477. Dong, J.-Y., Wan, S.-P., A new method for prioritized multi-criteria group decision making with triangular intuitionistic fuzzy numbers, Journal of Intelligent & Fuzzy Systems, 30, 3, 1719-1733., @2016
478. Meng, F., Zhu, M., Chen, X., Some Generalized Interval-Valued 2-Tuple Linguistic Correlated Aggregation Operators and Their Application in Group Decision Making, 2016, Informatica (Netherlands), 27, 1, 111-139., @2016
479. Tan, C., Chen, X., Generalized archimedean intuitionistic fuzzy averaging aggregation operators and their application in group decision making, International Journal of Information Technology and Decision Making, 15, 2, 311-352., @2016

480. Zhao, N., Xu, Z., Entropy Measures for Interval-Valued Intuitionistic Fuzzy Information from a Comparative Viewpoint, 2016, *Informatica* (Netherlands), 27, 1, 203-229., **@2016**
481. Açıkgöz, A., N. Tas, Binary Soft Set Theory, *European Journal of Pure and Applied mathematics*, 2016, 9, 1, 1-10.
482. Tamani, N., Y. Ghamri-Doudane, Towards a user privacy preservation system for IoT environments: A case study, Conference on Fuzzy Systems (FUZZ-IEEE), 2016, pp. 2425-2432. DOI: 10.1109/FUZZ-IEEE.2016.773031.
483. Mahmood, T., Q. Khan, M. A. Khan, Q-SINGLE Valued Neutrosophic Soft Sets, *Journal of New Theory*, 2016, 12, 1, 1-10.
484. Mandal, D., Neutrosophic Hyperideals of Semihyperrings, *Neutrosophic Sets and Systems*, 2016, Vol. 12, 1, 1-10.
485. Meng, F., Lei, Y.-J., Yu, X.-D., Lei, Y., Knowledge representation and reasoning using intuitionistic fuzzy sets, *Electronica Sinica*, 44, 1, 77-86., **@2016**
486. Aikhuele, D.O., F.B.M. Turan, Intuitionistic fuzzy-based model for failure detection, *SpringerPlus*, 2016, 5, 0, **@2016**
487. Tripathy, B. K., R. K. Mohanty, T. R. Sooraj, On intuitionistic fuzzy soft set and its application in group decision making, *Emerging Trends in Engineering, Technology and Science (ICETETS)*, 2016, pp. 1-5. DOI: 10.1109/ICETETS.2016.7500001.
488. Malhotra, R., S. K. Bharati, Intuitionistic Fuzzy Two Stage Multiobjective Transportation Problems, *American Journal of Mathematics and Statistics*, 2016, Vol. 11, Num. 3, pp. 305-316., **@2016**
489. Roy, R., P. Das, Neutrosophic Goal Programming applied to Bank: Three Investment Problem, *Neutrosophic Sets and Systems*, 2016, 12, 1, 1-10.
490. YILMAZ, S., UVALCIOĞLU, G., A. BAL, SOME INTUITIONISTIC FUZZY MODAL OPERATORS AND THEIR APPLICATIONS TO GROUP DECISION MAKING, *IFSCOM2016 1 Proceeding Book*, 2016, No. 1, pp. 84-90. ISBN: 978-975-6900-54-3, **@2016**
491. Dong, J.Y., Wan, S.P., Arithmetic aggregation operators for interval-valued intuitionistic linguistic decision making, 2016, *Iranian Journal of Fuzzy Systems*, 13, 1, 1-23., **@2016**
492. Meng, F., Lei, Y.-J., Zhang, B., Shen, X.-Y., Zhao, J.-Y., Intuitionistic fuzzy Petri nets for knowledge representation and reasoning, *Information Management*, 14, 2, 104-113., **@2016**
493. Chen, W., Y. Zou, An integrated method for supplier selection from the perspective of risk aversion, *Applied Soft Computing*, 2016., **@2016**
494. Zhang, X., Z. Xu, Hesitant Fuzzy Multiple Criteria Decision Analysis Based on TOPSIS, Chapter Hesitant Fuzzy Multiple Criteria Decision Analysis, Volume 345 of the series Studies in Fuzziness and Soft Computing, 2016, pp. 1-30., **@2016**
495. Sahoo, S., M. Pal, Intuitionistic fuzzy tolerance graphs with application, *Journal of Applied Mathematics and Computing*, 2016, 53, 1, 1-12.
496. Michalíková, A., Differential calculus on IF sets, 2016, *Studies in Fuzziness and Soft Computing*, 332, 2016, 1-16.
497. Tan, R.-P., Zhang, W.-D., Multi-criteria group decision making method based on generalized intuitionistic fuzzy sets, *Journal of Economic Control and Decision*, 31, 11, 2005-2012., **@2016**
498. Chen, X., J. Cheng, J. Yin, X. Tang, J. Zhang, Characterization of bipolar information aggregation and its applications, *International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery (ICNC-FSKD)*, 2016, pp. 305-310. DOI: 10.1109/ICNC-FSKD.2016.7547001.
499. Massa'deh, M. O., A Study on Intuitionistic Fuzzy and Normal Fuzzy M-Subgroup, *M-Homomorphisms and M-Norms in M-Subgroups*, *Journal of Industrial Mathematics*, 2016, 8(3), pp. 185-188., **@2016**
500. Broumi, S., Talea, M., Bakali, A., & Smarandache, F. (2016). Interval valued neutrosophic graphs. *Publ. Math. Debrecen*, 98(1-2), 1-16.
501. Dubey, Y.K., Mushrif, M.M., Mitra, K., Segmentation of brain MR images using rough set based intuitionistic fuzzy sets, *Journal of Medical and Biomedical Engineering*, 36, 2, 413-426., **@2016**
502. Mielcová, E., I-fuzzy core for cooperative games with vague coalitions, 2016, *Smart Innovation, Systems and Technologies*, 12, 1, 1-10.
503. Tavana, M., Zareinejad, M., Di Caprio, D., Kaviani, M.A., An integrated intuitionistic fuzzy AHP and TOPSIS for green supplier selection, 2016, *Applied Soft Computing Journal*, 40, 544-557., **@2016**
504. Das, T. K., Multi-Criteria Decision Making in Marketing by Using Fuzzy Rough Set, *Handbook of Research on Fuzzy Rough Set and Applications*, 2016, 1, 1-10.

Applications in Marketing Analytics, 2016, 100., **@2016**

505. Montero, J., et al., Paired structures in knowledge representation, Knowledge-Based Systems, 2016, 100, 10., **@2016**
506. Sharma, P. K., M. Kaur, Translate of Intuitionistic M-Fuzzy Group, International Journal of Pure and Applied Mathematics, 2016, 10., **@2016**
507. Milles, S., Rak, E., Zedam, L., Intuitionistic fuzzy complete lattices, 2016, Advances in Intelligent Systems and Computing, 2016, 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), 10., **@2016**
508. Zhao, T., Wei, Z., On characterization of rough type-2 fuzzy sets, 2016, Mathematical Problems in Engineering, 2016, 10., **@2016**
509. Gupta, P., P. Tiwari, Measures of cosine similarity intended for fuzzy sets, intuitionistic and interval-valued medical diagnoses, 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), 10., **@2016**
510. Dubois, D., Perny, P., A review of fuzzy sets in decision sciences: Achievements, limitations and perspectives, European Journal of Operational Research, 233, 637-691., **@2016**
511. Ming, L., Yang, S., Pricing European options based on the hesitation degree of Investors, 2016, Xitong Keji (Journal of System Science and Practice), 36, 6, 1392-1398., **@2016**
512. Imanov, G., R. Akbarov, Z. Aslanov. Fuzzy Analysis of National Innovation Development, Procedia Computer Science, 2016, 93, 293., **@2016**
513. Singh, K. P., B. Basumatary, A Note on Quasi-coincidence for Fuzzy Points of Fuzzy Topology on topological spaces, International Journal of Mathematics Sciences and Computing, 2016, 3, 49-57. DOI: 10.5815/ijmsc.2016.03.05., **@2016**
514. Mishra, A.R., Jain, D., Hooda, D.S., Intuitionistic fuzzy similarity and information measures with physical interpretation, Advances in Intelligent Systems and Computing, 379, 387-399., **@2016**
515. Irem, O., K. Cengiz, Multicriteria Bottle Design in the Beverage Industry Using Interval-Valued Intuitionistic Fuzzy Sets, International Journal of Fuzzy Logic and Soft Computing, 2016, Vol. 27, Issue 5/6, pp. 457-474, **@2016**
516. Mou, Q., Z. Xu, H. Liao, An intuitionistic fuzzy multiplicative best-worst method for multi-criteria group decision making, International Journal of Approximate Reasoning, 2016, 74, 374, pp. 224-239., **@2016**
517. Dügenci, M., A new distance measure for interval valued intuitionistic fuzzy sets and its application to multi-criteria decision making problems, Applied Soft Computing Journal, 2016, 41, 120-134., **@2016**
518. Mishra, A.R., Intuitionistic fuzzy information measures with application in rating of township development, Advances in Intelligent Systems and Computing, 2016, 49-70., **@2016**
519. Zhao, Y.-C., Liao, Z.-H., Lu, T., Tong, J., Generalized fuzzy sets and fuzzy relations, 2016, Advances in Intelligent Systems and Computing, 2016, 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), pp. 16., **@2016**
520. Kumar, V., K. Pal, H. Arora, A review of some generalized fuzzy operators in decision making processes, Advances in Intelligent Systems and Computing, 2016, 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), pp. 1871-1876., **@2016**
521. Muthuraj, R., S. Balamurugan, MCDM in IMFS by Normalized Geometric Similarity Measures, International Journal of Fuzzy Logic and Intelligent Systems, 2016, Vol. 6, Issue 7, pp. 2004-2009., **@2016**
522. De Miguel, L., E. Barrenechea, M. Pagola, A. Jurio, J. Sanz, M. Elkano, H. Bustince, Unbalanced OWA operators for decision making under uncertainty, Information Processing and Management of Uncertainty in Knowledge-Based Systems, Volume 611, 2016, Information Science, 2016, pp. 435-444, **@2016**
523. Dworniczak, P., On the TOPSIS-Class methods in the intuitionistic fuzzy environment, 2016, Studia Universitatis Babes-Bolyai, Series Informatica, 2016, 175., **@2016**
524. Mohanty, R.K., Sooraj, T.R., Tripathy, B.K., IVIFS and decision-making, 2016, Advances in Intelligent Systems and Computing, 2016, 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), 10., **@2016**
525. Kumar, V., R. K. Yadav, Prolonging network lifetime by electing suitable cluster head by dynamic weight assignment, 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACOM), 10., **@2016**
526. Yager, R. R., Generalized Orthopair Fuzzy Sets, IEEE Transactions on Fuzzy Systems, 2016, 24(10), 10.1109/TFUZZ.2016.2604005, **@2016**

527. Parimala, M., S. Murali, Intuitionistic Fuzzy α -Generalized Closed Sets in Terms of Minimal Structure S 1491. DOI: 10.4236/cs.2016.78130, **@2016**
528. Montajabiha, M., An Extended PROMETHE II Multi-Criteria Group Decision Making Technique Based on Energy Planning, 2016, Group Decision and Negotiation, 25, 2, 221-244., **@2016**
529. Thamizhendhi, G., Parvathi, R., Equitable, restrained and k-domination in intuitionistic fuzzy graphs, Mathematics, 12, 1, 125-145., **@2016**
530. Kumar, V., S. Jain, Intuitionistic trapezoidal fuzzy hybrid aggregation (ITrFHA) operator: An algorithm and its application to cancer, 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACoGSD), pp. 1-6.
531. Yang, W., Pang, Y., Shi, J. et al., Linguistic hesitant intuitionistic fuzzy decision-making method based on TOPSIS, 2016, pp. 1-14. DOI: 10.1007/s00521-016-2526-y, **@2016**
532. Broumi, S., Talea, M., Bakali, A., & Smarandache, F. (2016). On bipolar single valued neutrosophic graphs.
533. Ebrahimnejad, A., Verdegay, J.L., An efficient computational approach for solving type-2 intuitionistic fuzzy linear programming problems, 2016, International Journal of Computational Intelligence Systems, 9, 6, 1154-1173., **@2016**
534. Montes, I., Janiš, V., Pal, N.R., Montes, S., Local Divergences for Atanassov Intuitionistic Fuzzy Sets, 2016, pp. 7161361, 360-373., **@2016**
535. Thangavelu, K., Uthra, G., Amutha, B., A new defuzzification measure for solving Intuitionistic Fuzzy AHP, Pure and Applied Mathematics, 106, 7, 69-76., **@2016**
536. Zhao, Y.-D., Li, Z.-M., Zhang, X.-G., Models for software quality evaluation with fuzzy number, 2016, Intelligent and Fuzzy Systems, 31, 3, 1977-1985., **@2016**
537. Kumar, V., H. Arora, K. Pal, Dynamic intuitionistic fuzzy weighting averaging operator: A method for group decision making, 2016, International Conference on Computing for Sustainable Global Development (INDIACoGSD), pp. 1826–1831.
538. Peng, X., J. Dai, Approaches to single-valued neutrosophic MADM based on MABAC, TOPSIS and new measures, 2016, pp. 1-16. DOI:10.1007/s00521-016-2607, **@2016**
539. Thakur, S. S., A. S. Rajput, P-CONNECTEDNESS BETWEEN SOFT SETS, Facta Universitatis, Series: Mathematics and Computer Science, 2016, pp. 335-347., **@2016**
540. Thiagarasu, V., Umasankar, P., Mining correlation rules for multiple attribute group decision making model, 2016, Journal of Advanced Engineering Research, 11, 16, 8848-8857., **@2016**
541. Kuroshi, L., Aykut Ölcer, Technique selection and evaluation of ballast water management methods based on information axiom approach, J. of Engineering for the Maritime Environment, 2016, 1-19., **@2016**
542. Phong, P. H., B. C. Cuong, Le Thi Thanh Thuy, Intuitionistic linguistic label: An equivalent form of intuitionistic fuzzy sets, 2016, Conference on Information and Communication Technology for Science and Technology Development, Conference on Information and Computer Sciences (NICS), 2016, pp. 1-6. DOI:10.1109/NICS.2016.7725634, **@2016**
543. Efe, H., Yigit, E., On strong intuitionistic fuzzy metrics, 2016, Journal of Nonlinear Science and Applications, 9, 1, 1-10.
544. Mousavi, S.M., Vahdani, B., Sadigh Behzadi, S., Designing a model of intuitionistic fuzzy vikor in multi-criteria decision making, 2016, Iranian Journal of Fuzzy Systems, 13, 1, 45-65., **@2016**
545. Thillaigovindan, N., Anita Shanthi, S., Vadivel Naidu, J., New Method for Solving a General Multiple Attribute Decision Making Problem in Intuitionistic Fuzzy Environment, 2016, International Journal of Information Technology and Decision Making, 15, 5, 1027-1044.
546. Liu, W., Liao, H., A Bibliometric Analysis of Fuzzy Decision Research During 1970–2015, Int. J. Fuzzy Syst., 2016, 17, 1, 1-10. DOI: 10.1007/s40727-015-0272-z, **@2016**
547. SHAWETA GARG, RELIABILITY ANALYSIS OF AN INDUSTRIAL SYSTEM USING T-NORM AND S-NORM, 2016, School of Mathematics, Thapar University, Thane, India, pp. 1-10. DOI: http://dspace.thapar.edu:8080/jspui/bitstream/10266/4104/1/SHAWETA_301403017.pdf, **@2016**

548. Eghbali, N., Stability of pexiderized quadratic functional equation in non-archimedean fuzzy normed spaces, 15-25., **@2016**
549. Mousavi, S.M., Vahdani, B., Cross-docking Location Selection in Distribution Systems: A New Intuitionistic International Journal of Computational Intelligence Systems, 9, 1, 91-109., **@2016**
550. Thong, P.H., Son, L.H., A novel automatic picture fuzzy clustering method based on particle swarm optimization Knowledge-Based Systems, 109, 48-60., **@2016**
551. Zheng, H., Feng, Y., Tan, J., Zhang, Z., Research on intelligent product conceptual design based on cognitive maps of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 230, 12, 2060-2072., **@2016**
552. Montero, J., D. Gómez, T. Rodríguez, C. Franco, Paired fuzzy sets and other opposite-based models in Fuzzy Systems (FUZZ-IEEE), 2016, pp. 118-121. DOI: 10.1109/FUZZ-IEEE.2016.7737676, **@2016**
553. Xu, X., L. Ran, Model for China's Green Building Assessment Integrated Carbon Emissions with International Journal of Science, 2016, Vol.3, No.7, pp. 40-47., **@2016**
554. El-Hawy, M.A., Wassif, K.T., Hefny, H.A., Hassan, H.A., A proposed shadowed intuitionistic fuzzy number Conference on Computer Engineering and Systems, ICCES 2015, 7393037, 153-160., **@2016**
555. Thong, P.H., Son, L.H., Picture fuzzy clustering for complex data, 2016, Engineering Applications of Artificial Intelligence, 50, 10-16., **@2016**
556. Padder, R. A., P. Murugadas, Convergence of powers of controllable intuitionistic fuzzy matrices, IJCA, 1332-1337. DOI: 10.21917/ijsc.2016.0184, **@2016**
557. Sahu, M., A. Gupta, A. Mehra, Hierarchical clustering of interval-valued intuitionistic fuzzy relations and its problems, OPSEARCH, 2016, pp. 1-29. DOI: 10.1007/s12597-016-0282-5, **@2016**
558. Kalluri, N. V. S. N., D. V. Yarlagadda, Cognizance and Ameliorate of Quality of Service Using Aggregation Abettor-Based Model, Corroboration Method, and Pandect Method in Cloud Computing, 2016 IEEE 6th International Conference on Advanced Computing (IACC), 2016, pp. 84-95. DOI: 10.1109/IACC.2016.26, **@2016**
559. Mukherjee, A., Das, A.K., Application of Interval Valued Intuitionistic Fuzzy Soft Set in Investment Decision International Conference on Advances in Computing and Communications, ICACC 2015, 7433776, 61-66., **@2015**
560. Padder, R. A., P. Murugadas, Reduction of a nilpotent intuitionistic fuzzy matrix using implication operation, Vol. 11, Issue 2, pp. 614 – 631., **@2016**
561. Shahzadi, S., M. Akram, Coloring of Bifuzzy Graphs, Italian Journal of Pure and Applied Mathematics, 2016, 9(1), 1-10., **@2016**
562. El-Hawy, M.A.H., Wassif, K.T., Hefny, H.A., Hassan, H.A., Hybrid multi-attribute decision making based on 7th International Conference on Intelligent Computing and Information Systems, ICICIS 2015, 7397270, 1-6., **@2015**
563. Mukherjee, A., Das, A.K., Interval valued intuitionistic fuzzy soft multi set theoretic approach to decision making Conference on Computer Communication and Control, IC4 2015, 7375640., **@2016**
564. Pencheva, T., M. Angelova, Intuitionistic Fuzzy Logic Implementation to Assess Purposeful Model Parameters, Intelligent Systems, Vol. 657 of the series Studies in Computational Intelligence, 2016, pp 179-203., **@2016**
565. Muthukumar, P., Sai Sundara Krishnan, G., A similarity measure of intuitionistic fuzzy soft sets and its applications, Soft Computing Journal, 41, 148-156., **@2016**
566. Prabha, K., S. Vimala, Optimal Solution for the Intuitionistic Fuzzy Assignment Problem via Three Dimensional Research, 2016, 7(6): 1-8, Article no.AIR.28088. ISSN: 2348-0394, NLM ID: 101666096, **@2016**
567. Sharma, P. K., Boolean Algebraic Intuitionistic Fuzzy Topological Spaces, The Journal of Fuzzy Mathematics, 2016, 24(1), 1-10., **@2016**
568. El-Latif, A.A.A., Ramadan, A.A., On L-double fuzzy rough sets, 2016, Iranian Journal of Fuzzy Systems, 13(3), 1-10., **@2016**
569. NĂdĂban, S., Dzitac, S., Dzitac, I., Fuzzy TOPSIS: A General View, 2016, Procedia Computer Science, 85, 100-107., **@2016**
570. Wang, P., Shen, J., Zhang, B., A new method for two-sided matching decision making of PPP projects based on Journal of Intelligent and Fuzzy Systems, 31, 4, 2221-2230., **@2016**

571. Putri, N.S., Suatu Kajian Tentang Himpunan Fuzzy Intuitionistik, Journal Matematika UNAND, 2016, Vol. 1, No. 1
572. Sharma, S. K., K. K. Bansal, International Journal of Engineering Research & Management Technology, 2016, Vol. 3, Issue 1, pp. 1-6.
573. Margaret, M., A., I. Arockiarani, Generalized pre-closed sets in vague topological spaces, International Journal of Pure and Applied Mathematics, 2016, Vol. 100, No. 1, pp. 1-10., **@2016**
574. Erbakanov, L., Kostadinov, T., Petkov, T., Sotirov, S., Bureva, V., Modeling logic gates and circuits with intuitionistic fuzzy sets, International Journal of Intelligent Systems and Computing, 2016, Vol. 401, pp. 243-256., **@2016**
575. NĂdĂban, S., Dzitac, S., Neutrosophic TOPSIS: A general view, 2016, 2016 6th International Conference on Computer Communication and Control (ICCCC 2016), 7496769, pp. 250-253., **@2016**
576. Sharma, P. K., S.A. Habib, M. Yamin, Intuitionistic fuzzy database for medical diagnosis, 2016 3rd International Conference on Information and Communication Technologies for Global Development (INDIACoM), 2016, pp. 1408-1411., **@2016**
577. Shuyang, Li, Li, Hongxing, An approximation method of intuitionistic fuzzy numbers, Journal of Intelligent and Fuzzy Systems, 2016, Preprint, pp. 1-13. DOI: 10.3233/JIFS-16992, **@2016**
578. Erduran, F.S., Yildiz, C., Common fixed point theorem for subcompatible maps of type (a) in weak metric spaces, 2016, Journal of Nonlinear Science and Applications, 9, 5, pp. 2740-2752., **@2016**
579. Nancy, Garg, H., Novel single-valued neutrosophic aggregated operators under frank norm operation and their applications, International Journal for Uncertainty Quantification, 2016, Vol. 6, No. 4, pp. 361-375., **@2016**
580. Wang, T., Liu, J., Li, J., Niu, C., An integrating OWA-TOPSIS framework in intuitionistic fuzzy setting, Journal of Intelligent and Fuzzy Systems, 2016, Vol. 34, No. 1, pp. 185-194., **@2016**
581. Zhou, B., A new similarity measure of intuitionistic fuzzy sets considering abstention group influence, Journal of Intelligent and Fuzzy Systems, 2016, Vol. 35, No. 2, pp. 197-208., **@2016**
582. Sharma, R. K., S. Bharti, Common Fixed Point of Weakly Compatible Maps in Intuitionistic Fuzzy Metric Space, 2016, International Journal of Mathematical Sciences and Engineering Applications, Vol. 11, No. 2, pp. 195-205., **@2016**
583. Sirbiladze, G., O. Badagadze, Intuitionistic Fuzzy Probabilistic Aggregation Operators Based on the Choquet Integral, International Journal of Information Technology & Decision Making, 2016, Vol. 11, No. 1, pp. 1-35., **@2016**
584. Son, L. H., Measuring analoguousness in picture fuzzy sets: from picture distance measures to picture similarity measures, International Journal of Information Technology and Decision Making, 2016, Vol. 11, No. 1, pp. 1-20., **@2016**
585. Ersoy, B.A., Özkirisci, N.A., Intuitionistic fuzzy soft semi-ideals, 2016, Azerbaijan Journal of Mathematics, Vol. 6, No. 1, pp. 1-10., **@2016**
586. Song, Y., Wang, X., Wu, W. et al. Uncertainty measure for Atanassov's intuitionistic fuzzy sets, Axioms, 2016, Vol. 5, No. 2, pp. 1-10., **@2016**
587. Sun, Shaoquan, C. Liu. "(λ , μ)-Intuitionistic Fuzzy Subgroups of Groups with Operators.", World Applied Sciences Journal, 2016, Vol. 14, No. 10, pp. 1581-1586.
588. Soundrapandiyan, R., R. Haldar, S. Purushotham, A. Pillai, Multimodality Medical Image Fusion using Intuitionistic Fuzzy Sets, 2016, International Journal of Image Processing, Vol. 7, No. 5, pp. 85-94., **@2016**
589. Wang, X., Liu, Y., Li, P., Liu, J., On multi-granularity soft rough sets, 2016, Proceedings of the 28th Chinese Control and Decision Conference (CCDC), 2016, 7532195, pp. 6657-6662., **@2016**
590. Zhou, H., Wang, J., Li, X.-E., Wang, J.-Q., Intuitionistic hesitant linguistic sets and their application in decision making, International Journal of Operational Research, 2016, Vol. 16, No. 1, pp. 131-160., **@2016**
591. Teodorescu, M., D. Gîfu, F. Smarandache, Maintenance Operating System uncertainties approached through Intuitionistic Fuzzy Sets, 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 2452-2459. DOI: 10.1109/FUZZ-IEEE.2016.7743530.
592. Tuşe, D. A., A Trapezoidal Intuitionistic Fuzzy MCDM Method Based on Some Aggregation Operators, International Journal of Pure and Applied Mathematics, 2016, Vol. 101, No. 1, pp. 23-40., **@2016**
593. Nayagam, V.L.G., Dhanasekaran, P., Jeevaraj, S., A complete ranking of incomplete trapezoidal intuitionistic fuzzy numbers, International Journal of Pure and Applied Mathematics, 2016, Vol. 101, No. 1, pp. 41-56., **@2016**

Systems, 30, 6, 3209-3225., **@2016**

594. Zhou, L., Jin, F., Chen, H., Liu, J., Continuous intuitionistic fuzzy ordered weighted distance measure a Technological and Economic Development of Economy, 22, 1, 75-99., **@2016**
595. Tripathy, B.K., P. Swarnalatha, Hybrid Uncertainty-Based Techniques for Segmentation of Satellite Computing for Image Segmentation, 2016, pp. 163-183., **@2016**
596. Nayagam, V.L.G., Jeevaraj, S., Sivaraman, G., Total ordering defined on the set of all intuitionistic fuzzy Systems, 30, 4, 2015-2028., **@2016**
597. Zhou, L., On Atanassov's Intuitionistic Fuzzy Sets in the Complex Plane and the Field of Intuitionistic Fuzzy Systems, 24, 2, 7150401, 253-259., **@2016**
598. Vassilev, P., Intuitionistic Fuzzy Sets Generated by Archimedean Metrics and Ultrametrics, Chapter R 657 of the series Studies in Computational Intelligence, 2016, pp. 339-378., **@2016**
599. Vassilev, P., T. Stoyanov, On a New Ordering between Intuitionistic Fuzzy Pairs, 8th European Mathematics, ESCIM 2016 (László Kóczy and Jesús Medina, Eds.), 2016, 77-80., **@2016**
600. Ngan, T.T., Tuan, T.M., Son, L.H., Minh, N.H., Dey, N., Decision Making Based on Fuzzy Aggregation of ray images, 2016, Journal of Medical Systems, 40, 12, 280., **@2016**
601. Wang, X., Zhu, J., Song, Y., Lei, L., Combination of unreliable evidence sources in intuitionistic fuzzy Systems, 97, 24-39., **@2016**
602. Wang, Li-En, Hu-Chen Liu, Mei-Yun Quan, Evaluating the risk of failure modes with a hybrid MCDM environments, Computers & Industrial Engineering, 2016, Vol. 102, pp. 175-185., **@2016**
603. Nguyen, H., A new knowledge measure of information carried by intuitionistic fuzzy sets and applications Intelligent Systems and Computing, 432, 217-225., **@2016**
604. Zhou, P., Lu, S., Yuan, M., Chai, T., Survey on higher-level advanced control for grinding circuits 338., **@2016**
605. Zhang, Z., Geometric Bonferroni means of interval-valued intuitionistic fuzzy numbers and their applications Neural Computing and Applications, 2016, 1-16., **@2016**
606. Wan, S.-P., Wang, F., Xu, G. et al., An intuitionistic fuzzy programming method for group decision making Fuzzy Optim Decis Making, 2016, pp. 1-27. DOI:10.1007/s10700-016-9250-z, **@2016**
607. Zhao, X., Zhang, X., Zhang, W., & Yang, F., Some induced generalized ordered weighted power averaging setting. In Natural Computation, Fuzzy Systems and Knowledge Discovery (ICNC-FSKD), 12th International IEEE), 2016, pp. 923-928. DOI: 10.1109/FSKD.2016.7603301, **@2016**
608. Nguyen, H., A new similarity measure for intuitionistic fuzzy sets, 2016, Lecture Notes in Computer Science (Artificial Intelligence and Lecture Notes in Bioinformatics), 9621, 574-584., **@2016**
609. Wang, X.-F., Wang, J.-Q., Approach to group decision making based on intuitionistic uncertain linguistic Intelligent Systems and Computing, 367, 223-232., **@2016**
610. Zhou, S., Hu, C., Xie, Y., Chang, W., Research on supply chain risk assessment with intuitionistic fuzzy Systems, 30, 6, 3367-3372., **@2016**
611. M.J.T. Al-Mosawi, On Separation Axioms of Some Types of Open Sets in Intuitionistic Fuzzy Ideal Bitopological Spaces, 2016, **@2016**
612. Zhou, X., Wang, S., Zhang, C., Fuzzy risk analysis method based on trapezoidal intuitionistic fuzzy numbers Computing, 443, 99-105., **@2016**
613. Nguyen, H., A novel similarity/dissimilarity measure for intuitionistic fuzzy sets and its application in Applications, 45, 97-107., **@2016**
614. Zhou, X., Zhao, R., Yu, F., Tian, H., Intuitionistic fuzzy entropy clustering algorithm for infrared image classification, 2016, **@2016**

Fuzzy Systems, 30, 3, 1831-1840., **@2016**

615. Ning, X., Ding, L.Y., Luo, H.B., Qi, S.J., A multi-attribute model for construction site layout using intuitionistic fuzzy sets, Construction, 72, 380-387., **@2016**
616. Wang, X.-F., Wang, J.-Q., Approach to intuitionistic linguistic multi-criteria decision making with aspiration levels, Control and Decision, 31, 9, 1638-1644., **@2016**
617. Zhu, B., Xu, Z., Extended hesitant fuzzy sets, 2016, Technological and Economic Development of Economics and Law, 22, 1, 1-10.
618. Wei, G., Alsaadi, F.E., Hayat, T. et al., Projection models for multiple attribute decision making with intuitionistic fuzzy numbers, Cybernetics and Information Technologies, 2016, pp. 1-7. DOI: 10.1007/s13042-016-0604-1, **@2016**
619. Abd El-Latif, A.A., Kim, Y.C., (L, M) - Double fuzzy grills, 2016, International Journal of Pure and Applied Mathematics, 103(1), pp. 1-10.
620. Nirmala, G., Uthra, G., Fuzzy numberintuitionistic fuzzy analytic hierarchy process, 2016, Global Journal of Pure and Applied Mathematics, 15(3), 408., **@2016**
621. Arunkumar, M., John M. Rassias, S. Karthikeyan, Stability Of A Leibniz Type Additive And Quadratic Functional Equations in Non-Archimedean Normed Spaces, Advances in Theoretical and Applied Mathematics, 2016, 11(2), pp. 145-169., **@2016**
622. Abd El-Latif, A.A., Kim, Y.C., On (L, M)-double fuzzy remote neighborhood systems in (L, M)-DFTM, 2016, Journal of Intelligent & Fuzzy Systems, 30, 6, 3321-3333, **@2016**
623. Wang, Y., Lei, Y., Fan, X., Wang, Y., Intuitionistic Fuzzy Time Series Forecasting Model Based on Interval-Valued Fuzzy Numbers, Problems in Engineering, 2016, 5035160., **@2016**
624. Zhu, L.-C., Research on the management performance evaluation of the sports sites with intuitionistic fuzzy sets, Fuzzy Systems, 31, 3, 1377-1384., **@2016**
625. Seenivasagan, N., O. Ravi, A. D. R. Babu, M. Rajakalaivanan, Intuitionistic Fuzzy β -continuous Functions, Journal of Advanced Science and Technology, 2016, Vol. 2, Issue 4, pp. 1–11., **@2016**
626. Ohlan, A., Intuitionistic fuzzy exponential divergence: Application in multi-attribute decision making, 2016, Journal of Statistical Theory and Applications, 15(3), 1519-1530., **@2016**
627. Yang, Hai-Long, et al., A hybrid model of single valued neutrosophic sets and rough sets: single valued neutrosophic sets, 2016, pp. 1-15. DOI: 10.1007/s00500-016-2356-y, **@2016**
628. Cuong B. C., V. Kreinovitch, R. T. Ngan, A classification of representable t-norm operators for picture fuzzy sets, Journal of Knowledge and Systems Engineering (KSE), 2016, pp. 19-24. DOI: 10.1109/KSE.2016.7758023, **@2016**
629. Abdullah, L., Najib, L., A new preference scale mcdm method based on interval-valued intuitionistic fuzzy sets, 2016, Journal of Soft Computing, 20, 2, 511-523., **@2016**
630. Onat, N.C., Gumus, S., Kucukvar, M., Tatari, O., Application of the TOPSIS and intuitionistic fuzzy sets for the performance of alternative vehicle technologies, 2016, Sustainable Production and Consumption, 6, 12-20.
631. Zhu, Y.-J., Li, D.-F., A new definition and formula of entropy for intuitionistic fuzzy sets, 2016, Journal of Intelligent & Fuzzy Systems, 30, 6, 3066., **@2016**
632. Goyal, M., A. Tripathi, D. Yadav, Intuitionistic Group Decision Making to Identify the Status of Students, International Journal of Fuzzy System Applications (IJFSA), 2016, 5(3), Page 16, DOI: 10.4018/IJFSA.2016090103
633. Otay, I., Kahraman, C., Multicriteria bottle design in the beverage industry using interval-valued intuitionistic fuzzy sets, Journal of Intelligent & Fuzzy Logic and Soft Computing, 27, 5-6, 457-474., **@2016**
634. Zou, L., Liu, D., Tan, X., Zheng, H., (α, β) -Quasi-lock-semantic resolution method of intuitionistic fuzzy sets, Journal of Pattern Recognition and Artificial Intelligence, 29, 3, 223-228., **@2016**
635. Zang, Zhen-hua, Y. Hu, Z. Chen, S. Yuan, Kui-xi Xiao, Some Weighted Ranking Operators with Interval-Valued Intuitionistic Fuzzy Sets and Their Application to Outsourced Software Project Risk Assessment, Chapter Rough Sets Volume 9920 of the series Lecture Notes in Computer Science, 2016, pp. 385-395., **@2016**

636. Garai, A., Mandal, P., & Roy, T. K. (2016). Interactive intuitionistic fuzzy technique in multi-objective computation and modelling, 2(1), 14-26., **@2016**
637. Abdullah, L., Najib, L., Sustainable energy planning decision using the intuitionistic fuzzy analytic hierarchy process, Malaysia, 2016, International Journal of Sustainable Energy, 35, 4, 360-377., **@2016**
638. Ouyang, Y., Pedrycz, W., A new model for intuitionistic fuzzy multi-attributes decision making, 2016, 677-682., **@2016**
639. Wang, Y., Li, Y., Hu, R., An intuitionistic fuzzy multi-attribute decision making model for the acceptance operator, 2016, Proceedings of the 28th Chinese Control and Decision Conference, CCDC 2016, 7531880.
640. Livi, L., & Sadeghian, A. (2016). Granular computing, computational intelligence, and the analysis of granular systems, 1(1), 13-20., **@2016**
641. Oztaysi, B., Cevik Onar, S., Kahraman, C., Fuzzy multicriteria prioritization of Urban transformation problems, 30, 4, 2459-2474., **@2016**
642. Biswas, R. (2016). Is 'Fuzzy Theory' an Appropriate Tool for Large Size Problems?. In Is 'Fuzzy Theory' an Appropriate Tool for Large Size Problems? (pp. 1-61). Springer International Publishing., **@2016**
643. Abdullah, S., Aslam, M., Hila, K., Interval valued intuitionistic fuzzy sets in Γ -semihypergroups, 2016, Journal of Cybernetics, 7, 2, 217-228., **@2016**
644. Wang, Y.-J., Yu, S.-S., Model for evaluating the rural landscape design schemes with fuzzy numbers, 31, 3, 1669-1678., **@2016**
645. Zou, L., Wen, X., Wang, Y., Linguistic truth-valued intuitionistic fuzzy reasoning with applications to decision sciences, 327, 201-216, **@2016**
646. Zulqarnain, M., M. Saeed, AN Application of Interval valued Fuzzy Soft Matrix (IVFSM) in Decision Sciences, 2261-2264., **@2016**
647. Wang, Y.-N., Lei, Y.-J., Lei, Y., Fan, X.-S., High order intuitionistic fuzzy time series forecasting, 37, 5, 115-124., **@2016**
648. Sharma, P. K., & Kaur, T. (2016). On intuitionistic fuzzy representation of intuitionistic fuzzy G-modules, 11(4), 557-569., **@2016**
649. Palaniswamy, B., Varadharajan, K., On $I(T)$ α -open set and $I(T)\beta$ -open set in intuitionistic topological spaces and Technology, 10, 2, 187-196., **@2016**
650. Myithili, K. K., Parvathi, R., & Akram, M. (2016). Certain types of intuitionistic fuzzy directed hypergraphs, 7(2), 287-295., **@2016**
651. Zywnica, P., Stachowiak, A., Wygralak, M., An algorithmic study of relative cardinalities for interval-valued sets, 105-124., **@2016**
652. Shahzadi, S., & Akram, M. (2016). Edge regular intuitionistic fuzzy soft graphs. Journal of Intelligent & Fuzzy Systems, 30, 103-112.
653. Wang, Z., Chen, J., Lan, J., Multi-attribute decision making method based on intuitionistic uncertain linguistic variables, Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 36, 7, 1871-1878., **@2016**
654. Pan, X., Xu, Y., Vague partition, 2016, Proceedings - The 2015 10th International Conference on Intelligent Computing and Applications, 7383029, 83-88., **@2016**
655. Wang, Z.-J., Li, K.W., Group decision making with incomplete intuitionistic preference relations, 93, 162-170., **@2016**
656. Das, D., & De, P. K. (2016). Ranking of intuitionistic fuzzy numbers by new distance measure. Journal of Intelligent & Fuzzy Systems, 30, 1107-1114.
657. De Miguel, L., M. J. Campión, J. C. Candeal, E. Induráin, D. Paternain, Pointwise aggregation of intuitionistic fuzzy numbers, 30, 1115-1122.

- applications to social choice theory, *Fuzzy Sets and Systems*, Available online 24 May 2016., **@2016**
- 658.** Wang, Z.-J., Wang, Y., Li, K.W., An Acceptable Consistency-Based Framework for Group Decision Making, *Group Decision and Negotiation*, 25, 1, 181-202., **@2016**
- 659.** Wei, C., Tang, X., An argument-dependent approach to determining the weights of IFOWA operators, *Computing*, 364, 85-97., **@2016**
- 660.** De, S. K., & Beg, I. (2016). Triangular dense fuzzy Neutrosophic sets. *Neutrosophic Sets Syst*, 13, 1-12., **@2016**
- 661.** Ervural, B., Kabak, Ö., A Novel Group Decision Making Approach Based On the Cumulative Belief Index, *Information Sciences*, 364, 1837., **@2016**
- 662.** Pan, Z.-H., Soundness and completeness of fuzzy propositional logic with three kinds of negation, 2016, 510, 71-79., **@2016**
- 663.** Thamaraiselvi, A., Santhi, R., A New Approach for Optimization of Real Life Transportation Problem Problems in Engineering, 2016, 5950747., **@2016**
- 664.** Seenivasagan, N., Ravi, O., Babu, A. R., & Rajakalaivanan, M. (2016). Intuitionistic Fuzzy g-Closed Sets and Applications, Volume 4, Issue 1-D (2016), 47-57, **@2016**
- 665.** Afful-Dadzie, E., Afful-Dadzie, A., A decision making model for selecting start-up businesses in a government, *Journal of Business Research*, 59, 714-734., **@2016**
- 666.** Wei, C., Yan, F., Rodríguez, R.M., Entropy measures for hesitant fuzzy sets and their application in decision making, *International Journal of Intelligent and Fuzzy Systems*, 31, 1, 673-685., **@2016**
- 667.** Afzali, A., Rafsanjani, M.K., Saeid, A.B., A Fuzzy Multi-objective Linear Programming Model Based on Supplier Selection, 2016, *International Journal of Fuzzy Systems*, 18, 5, 864-874., **@2016**
- 668.** Ervural, B.C., Ervural, B., Kahraman, C., Fuzzy sets in the evaluation of socio-ecological systems: A multi-criteria decision-making approach, 2016, *Studies in Fuzziness and Soft Computing*, 341, 309-326., **@2016**
- 669.** Ezhilmaran, D., Adhiyaman, M., Edge detection method for latent fingerprint images using intuitionistic fuzzy sets, *Information Technologies*, 16, 3, 205-218., **@2016**
- 670.** Pankajam, N., Pushpalatha, A., Intuitionistic Fuzzy N-Compactness by Intuitionistic Fuzzy Nets, 2016, *Cryptography*, 19, 2, 221-230., **@2016**
- 671.** Meng, F., Wang, C., Chen, X., & Zhang, Q. (2016). Correlation Coefficients of Interval-Valued Hesitant Fuzzy Numbers and Their Application in Shapley Function. *International Journal of Intelligent Systems*, 31(1), 17-43., **@2016**
- 672.** Aggarwal, A., Khan, I., On solving Atanassov's I-fuzzy linear programming problems: some variants of the simplex method, 2016, 389., **@2016**
- 673.** Fan, G., Zhong, D., Yan, F., Yue, P., A hybrid fuzzy evaluation method for curtain grouting efficiency and quality based on interval numbers, 2016, *Expert Systems with Applications*, 44, 289-303., **@2016**
- 674.** Kumar, S., A. K. Shukla, P. K. Muhuri, Q. D. Lohani, , Atanassov Intuitionistic Fuzzy Domain Adaptation System (FUZZ-IEEE), 2016 IEEE International Conference on IS, pp. 2295-2301., **@2016**
- 675.** Aggarwal, M., Hanmandlu, M., Representing uncertainty with information sets, 2016, *IEEE Transactions on Fuzzy Systems*, 24, 15., **@2016**
- 676.** Fan, X.-S., Lei, Y.-J., Li, C.-H., Guo, X.-P., Strict intuitionistic fuzzy entropy, 2016, *Xi Tong Gong Cai Yu Shuxue*, 38, 3, 602-606., **@2016**
- 677.** Bărbăcioru, I. C. (2016). Ranking of generalized trapezoidal intuitionistic fuzzy numbers based on the geometric mean operator, *“Constantin Brâncuși” University of Târgu-Jiu, Engineering Series*, (1), 56-61., **@2016**
- 678.** Aggarwal, S., Gupta, C., Solving Intuitionistic Fuzzy Solid Transportation Problem Via New Rank Functions, 2016, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, 24, 4, 483-501., **@2016**

679. Fu, C., Xu, D.-L., Yang, S.-L., Distributed preference relations for multiple attribute decision analysis, 67, 3, 457-473., **@2016**
680. Thong, P.H., Son, L.H., Picture fuzzy clustering: a new computational intelligence method, 2016, Soft Co
681. Adak, A., Interval Values Intuitionistic Fuzzy Partition Matrices, Chapter 3 in Emerging Research on Ap (K. Adak, ed.), 2016, 64-81., **@2016**
682. Agrawal, S., Tripathy, B.K., Decision theoretic rough intuitionistic fuzzy C-means algorithm, 2016, Sm 82., **@2016**
683. Gabroveanu, M., Iancu, I., Coșulschi, M., An Atanassov's intuitionistic fuzzy reasoning model, 2016, Jo 128., **@2016**
684. Papastamatiou, I., Doukas, H., Spiliotis, E., Psarras, J., How oPTIMUS is a city in terms of energy optim tool for local authorities, 2016, Information Fusion, 29, 149-161., **@2016**
685. Thuong, N.T.H., Li, Z., Hong, P.T.D., A fuzzy multi-criteria decision making method for the financial Intelligent Systems and Computing, 502, 659-676., **@2016**
686. Al-Husban, Rima, A.R. Salleh, A. Ghafur bin Ahmad, Complex intuitionistic fuzzy subrings, AIP Con 050006-1- 050006-7. DOI: 10.1063/1.4966825, **@2016**
687. Şahin, R., & Liu, P. (2016). Correlation coefficient of single-valued neutrosophic hesitant fuzzy set Computing and Applications, 1-9., **@2016**
688. Aikhuele, D.O., Turan, F.B.M., An improved methodology for multi-criteria evaluations in the sh 72, **@2016**
689. Gondatra, N., Bajaj, R.K., Mathew, J., On Ranking in Triangular Intuitionistic Fuzzy Multi-criteria Parametric Entropy, 2016, Proceedings - 2015 5th International Conference on Advances in Computing 74., **@2016**
690. Ali, M., F. Smarandache, Neutrosophic Sets and Logic, Chapter 2 in Emerging Research on Applied Fuzz ed.), 18-63., **@2016**
691. Rao, M. M. K., & Venkateswarulu, B. (2016). An intuitionistic normal fuzzy soft k- ideal over a Γ 28., **@2016**
692. Aikhuele, D.O., Turan, F.B.M., Intuitionistic fuzzy-based model for failure detection, 2016, SpringerPlus
693. Garai, A., Mandal, P., Roy, T.K., Intuitionistic fuzzy T-sets based optimization technique for production 2016, OPSEARCH, 53, 4, 950-975., **@2016**
694. Tian, F., Liu, S., Xu, Z., Lei, Q., Diagram Illustrations of Aggregation Operations for the Intuition Uncertainty, Fuzziness and Knowlege-Based Systems, 24, 5, 631-646., **@2016**
695. Tripathy, B. (2016). Application of rough set based models in medical diagnosis. In Handbook of Rese Bioinformatics (pp. 144-168). IGI Global., **@2016**
696. Akram, M., Kavikumar, J., Khamis, A.B., Intuitionistic N-fuzzy set and its application in biΓ-ternary Systems, 30, 2, 951-960., **@2016**
697. Garg, H., A Novel Correlation Coefficients between Pythagorean Fuzzy Sets and Its Applications to Journal of Intelligent Systems, 31, 12, 1234-1252., **@2016**
698. He, Y., He, Z., Extensions of Atanassov's Intuitionistic Fuzzy Interaction Bonferroni Means and Their A 2016, IEEE Transactions on Fuzzy Systems, 24, 3, 7166323, 558-573., **@2016**
699. Park, J.H., Kim, J.Y., Kwun, Y.C., Intuitionistic Fuzzy Optimized Weighted Geometric Bonferroni M Making, 2016, Fundamenta Informaticae, 144, 3-4, 363-381., **@2016**
700. Amiri, M., R. Jensen, M. Eftekhari, N.M. Parthaláin, Dataset condensation using OWA fuzzy-rough

701. Biswas, P., Pramanik, S., & Giri, B. C. (2016). Aggregation of triangular fuzzy neutrosophic set information making. *Neutrosophic Sets and Systems*, 12, 20-40., **@2016**
702. Aktaş, H., Çağman, N., Soft decision making methods based on fuzzy sets and soft sets, 2016, Journal 2803., **@2016**
703. Garg, H., A new generalized improved score function of interval-valued intuitionistic fuzzy sets and a Computing Journal, 38, 988-999., **@2016**
704. Peng, B., Ye, C., Methods for aggregating interval-valued intuitionistic pure linguistic information and Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 36, 6, 1526-1535., **@2016**
705. Tian, Z.-P., Zhang, H.-Y., Wang, J., Wang, J.-Q., Chen, X.-H., Multi-criteria decision-making method by sets, 2016, International Journal of Systems Science, 47, 15, 3598-3608., **@2016**
706. Ansari, M. D., S. P. Ghrera, A. R. Mishra, Texture Feature Extraction Using Intuitionistic Fuzzy Local DOI: <https://doi.org/10.1515/jisys-2016-0155>, **@2016**
707. Al Husban, R., Salleh, A.R., Ahmad, A.G., Complex intuitionistic fuzzy rings, 2016, AIP Conference Pro
708. Garg, H., A New Generalized Pythagorean Fuzzy Information Aggregation Using Einstein Operation International Journal of Intelligent Systems, 31, 9, 886-920., **@2016**
709. Peng, B., An approach to group decision making based on interval-valued intuitionistic fuzzy geometric International Conference on Fuzzy Theory and Its Applications, Conference Digest, 7391901, 97-104., **@2016**
710. Tinguaro Rodríguez, J., Franco, C., Gómez, D., Montero, J., Paired structures, imprecision types and opposites, 2016, Advances in Intelligent Systems and Computing, 401, 3-15., **@2016**
711. Beg, I. & Rashid, T. A Clustering Algorithm Based on Intuitionistic Fuzzy Relations for Tree Structures 15. doi:10.1007/s40819-016-0286-0, **@2016**
712. Albinaa, T.A., Ilango, G., On intuitionistic α -sets, 2016, International Journal of Pure and Applied Math
713. Garg, H., A novel accuracy function under interval-valued Pythagorean fuzzy environment for solving m of Intelligent and Fuzzy Systems, 31, 1, 529-540., **@2016**
714. He, Y.-P., An approach to dual hesitant fuzzy soft set based on decision making, 2016, Advances 349., **@2016**
715. Tong, X., Wang, Z.-J., A group decision framework with intuitionistic preference relations and its a International Journal of Environmental Research and Public Health, 13, 9, 923., **@2016**
716. Beliakov, G., S. James, T. Wilkin, Aggregation and consensus for preference relations based on fuzzy pa 20. DOI:10.1007/s10700-016-9258-4, **@2016**
717. Alcantud, J.C.R., A novel algorithm for fuzzy soft set based decision making from multiobserver input 142-148., **@2016**
718. Bera, T. & Mahapatra, N.K. On Neutrosophic Normal Soft Groups, Int. J. Appl. Comput. Math, 2016, pp
719. Alcantud, J.C.R., Fuzzy soft set decision making algorithms: Some clarifications and reinterpretations, 2016, subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9868 LNAI, 479-
720. Garg, H., A novel approach for analyzing the reliability of series-parallel system using credibility theory 2016, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 38, 3, 1021-1035., **@2016**
721. Peng, J., Disturbing-valued fuzzy finite-state automata and their languages, 2016, Moshi Shiebie yu Re Intelligence, 29, 4, 298-312., **@2016**
722. Bertei, A., R. Zanotelli, W. Cardoso, R. Reiser, L. Foss, B. Bedregal, Correlation coefficient analysis of automorphisms, 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 127–132. DOI

723. Ali, J., Ahmed, M.A., Nafadi, H.A., Common fixed points for hybrid pairs of maps in modified intuitionistic fuzzy metric spaces, *Journal of Intelligent and Fuzzy Systems*, 31, 3, 2027-2033., **@2016**
724. Garg, H., An integrated framework to analyze the performance of process industrial systems using a fuzzy decision making approach, *IEEE Transactions on Fuzzy Systems Reference Library*, 97, 141-177., **@2016**
725. Homenda, W., Jastrzebska, A., Pedrycz, W., Multicriteria decision making inspired by human cognitive processes, *IEEE Transactions on Fuzzy Systems*, 290, 392-411., **@2016**
726. Tong, X., Yu, L., MADM based on distance and correlation coefficient measures with decision-making, 2016, *Soft Computing*, 20, 11, 4449-4461., **@2016**
727. Bin Zhu, Zeshui Xu, Overview on the Developments and Applications of Hesitant Fuzzy Sets: An Uncertainty Analysis and Crisis Response, Vol. 6, No. 2, 67-75., **@2016**
728. Aliahmadipour, L., Eslami, E., GHFHC: Generalized Hesitant Fuzzy Hierarchical Clustering Algorithm, 2016, *Journal of Intelligent and Fuzzy Systems*, 31, 9, 855-871., **@2016**
729. Garg, H., Generalized intuitionistic fuzzy interactive geometric interaction operators using Einstein t-norm and t-conorm for multi-criteria decision making, 2016, *Computers and Industrial Engineering*, 101, 53-69., **@2016**
730. Hu, B.Q., Wong, H., Yiu, K.F.C., The aggregation of multiple three-way decision spaces, 2016, *Knowledge-Based Systems*, 100, 10-17.
731. Touqeer, M., Çaman, N., Fuzzy hyper h-ideals of hyper BCK-algebras, 2016, *Journal of Intelligent and Fuzzy Systems*, 34, 1, 11-18.
732. Biswas, P., S. Pramanik, B. C. Giri, Some Distance Measures of Single Valued Neutrosophic Hesitant Fuzzy Numbers and Their Application in Multiple Attribute Decision Making, *New Trends in Neutrosophic Theory and Applications* (Florentin Smarandache, ed.), 34., **@2016**
733. Aliahmadipour, L., Taghavi, A., Eslami, E., An introduction to hesitant fuzzy data clustering, 2016, *Journal of Intelligent and Fuzzy Systems*, CFIS 2015, 7391704., **@2016**
734. Hu, B.Q., Three-way decision spaces based on partially ordered sets and three-way decisions based on three-way partitions, 2016, *Journal of Intelligent and Fuzzy Systems*, 91, 16-31., **@2016**
735. Tripathy, B.K., Goyal, A., Anupamsourav, P., Clustering categorical data using intuitionistic fuzzy c-means, 2016, *Journal of Pharmacy and Technology*, 8, 3, 16688-16701., **@2016**
736. Biswas, P., S. Pramanik, B.C. Giri, GRA Method of Multiple Attribute Decision Making with Single Valued Neutrosophic Hesitant Fuzzy Numbers, *New Trends in Neutrosophic Theory and Applications* (Florentin Smarandache, Surapati Pramanik, eds.), 34., **@2016**
737. Aliahmadipour, L., Torra, V., Eslami, E., Eftekhari, M., A Definition for Hesitant fuzzy Partition, 2016, *Journal of Intelligent and Fuzzy Systems*, 9, 3, 497-505., **@2016**
738. Garg, H., Some series of intuitionistic fuzzy interactive averaging aggregation operators, 2016, *SpringerPlus*, 5, 1-10.
739. Peng, J.-J., Wang, J.-Q., Wang, J., Zhang, H.-Y., Chen, X.-H., Simplified neutrosophic sets and their applications in decision making problems, 2016, *International Journal of Systems Science*, 47, 10, 2342-2358., **@2016**
740. Tripathy, B.K., Goyal, A., Sourav, P.A., A comparative analysis of rough intuitionistic fuzzy k-means clustering, 2016, *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 7, 5, 2787-2802., **@2016**
741. Chen, H., B. Han, Xi Liu, X. Guan, On equivalence of two approaches to group decision making with intuitionistic fuzzy information and its application in COWG operator, 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEE), 1-6., **IEEE.2016.7737917**, **@2016**
742. Al-Quran, A., Hassan, N., Fuzzy parameterised single valued neutrosophic soft expert set theory and its application in decision making, 2016, *Journal of Applied Decision Sciences*, 9, 2, 212-227. DOI: <http://dx.doi.org/10.1504/IJADS.2016.080121>
743. Chen, J., Wang Z., Multiattribute Decision Making Method Based on Intuitionistic Linguistic Aggregations and Their Applications, 2016, *Journal of Intelligent and Fuzzy Systems*, 34, 4, 1541-1552.
744. Al-Quran, A., Hassan, N., Neutrosophic vague soft expert set theory, 2016, *Journal of Intelligent and Fuzzy Systems*, 34, 4, 1553-1564.

745. Ge, C., Li, C., Assessment of organization performance in the human resource management, 2016, 834., **@2016**
746. Hu, J., Zhang, X., Chen, X., Liu, Y., Hesitant fuzzy information measures and their applications in Journal of Systems Science, 47, 1, 62-76., **@2016**
747. Costa, L., A. Finger, M. Nascimento, M. Matzenauer, R. Zanotelli, R. Reiser, A. Yamin, M. Pilla, Atanassov and Duality, 1-12., **@2016**
748. Ananthi, V.P., Balasubramaniam, P., Kalaiselvi, T., A new fuzzy clustering algorithm for the segmentation problems, 2016, International Journal of Systems Science, 48, 2, 425-435., **@2016**
749. Peng, J.-J., Wang, J.-Q., Yang, W.-E., A multi-valued neutrosophic qualitative flexible approach based problems, 2016, International Journal of Systems Science, 48, 2, 425-435., **@2016**
750. Ananthi, V.P., Balasubramaniam, P., A new thresholding technique based on fuzzy set as an application Computer Methods and Programs in Biomedicine, 134, 165-177., **@2016**
751. Ghanavizi Maroof, F., Eslami, E., Algebraic properties of intuitionistic fuzzy residuated lattices, 2016, 109., **@2016**
752. Tripathy, B.K., Mittal, D., Hudedagaddi, D.P., Hadoop with intuitionistic fuzzy C-means for clustering and Computing, 438, 599-610., **@2016**
753. Das, S., S. Ghosh, J. Pal, Use of Fuzzy Set Theory in DNA Sequence Comparison and Amino Acid Composition, Applied Fuzzy Sets and Intuitionistic Fuzzy Matrices (A. Adak, ed.), 2016, 235-253., **@2016**
754. Aysha, S., T. Tirupal, Image fusion of medical images based on Fuzzy set, Elixir Digital Processing, 2016, 100.
755. Anzilli, L., Facchinetto, G., A new proposal of defuzzification of intuitionistic fuzzy quantities, 2016, Advances in Intelligent Systems and Computing, 185-195., **@2016**
756. Ghosh, S., Das, S., Parameter reduction of intuitionistic fuzzy soft sets and its related algorithms, 2016, 404, 405-412., **@2016**
757. Tripathy, B.K., Mittal, D., Hadoop based uncertain possibilistic kernelized c-means algorithms for image processing, Applied Soft Computing Journal, 46, 886-923., **@2016**
758. Deepthi P. Hudedagaddi , B. K. Tripathy, Uncertainty-Based Spatial Data Clustering Algorithms for Image Segmentation, 2016, pp. 209-227., **@2016**
759. Beliakov, G., H. B. Sola, T. C. Sánchez, A Practical Guide to Averaging Functions. Berlin: Springer, 2016.
760. Arefi, M., Clustering regression based on interval-valued fuzzy outputs and interval-valued fuzzy partitions, 30, 3, 1339-1351., **@2016**
761. Huang, B., Guo, C.-X., Li, H.-X., Feng, G.-F., Zhou, X.-Z., Hierarchical structures and uncertainty measures, 2016, Information Sciences, 336, 92-114., **@2016**
762. Peng, X., Yang, Y., Fundamental Properties of Interval-Valued Pythagorean Fuzzy Aggregation Operators, 31, 5, 444-487., **@2016**
763. Tripathy, B.K., Mohanty, R.K., Sooraj, T.R., Arun, K.R., A new approach to intuitionistic fuzzy soft sets, Advances in Intelligent Systems and Computing, 439, 93-100., **@2016**
764. Devi, K.S., R.R. Rajeswari, N.D. Devi, Intuitionistic Ultra Filter and Convergency of Filters, International Journal of Pure Mathematics, 8, Number 3, pp. 183–192., **@2016**
765. Boccuto, A., X. Dimitriou, Limit theorems for k-subadditive lattice group-valued capacities in the filter convergence, Publications, 2016, 65(1), pp. 1-21., **@2016**
766. Asan, U., Soyer, A., Failure mode and effects analysis under uncertainty: A literature review and tutorial, 265-325., **@2016**

767. Gitinavard, H., Mousavi, S.M., Vahdani, B., A new multi-criteria weighting and ranking model for group hesitant fuzzy sets to selection problems, 2016, Neural Computing and Applications, 27, 6, 1593-1605,
768. Tripathy, B.K., Mohanty, R.K., Sooraj, T.R., Tripathy, A., A modified representation of IFSS and its usage in decision making, 2016, Journal of Intelligent and Fuzzy Systems, 30, 365-375., **@2016**
769. Devyatkin, D., R. Suvorov, I. Tikhomirov, O. Grigoriev, Detection of current research directions based on the analysis of publications in the field of intelligent systems, Conference on Intelligent Systems (IS), pp. 167-172. DOI: 10.1109/IS.2016.7737417, **@2016**
770. Da Silva, I. A., B. Bedregal, R. H. N. Santiago, On Admissible Total Orders for Interval-valued Information and Engineering, 2016, 8(2), pp. 169-182., **@2016**
771. Atanassova, V., Vardeva, I., Sotirova, E., Doukovska, L., Traversing and ranking of elements of an interpretation triangle, 2016, Advances in Intelligent Systems and Computing, 401, 161-174., **@2016**
772. Gong, Z., Xu, X., Yang, Y., Zhou, Y., Zhang, H., The spherical distance for intuitionistic fuzzy sets, 2016, Journal of Economic Development and Technological Change of Economy, 22, 3, 393-415., **@2016**
773. Dey, P., P., S. Pramanik, B. C. Giri, TOPSIS for Solving Multi-Attribute Decision Making Problems Using Neutrosophic Sets, In: Florentin Smarandache, Surapati Pramanik (eds.), Trends in Neutrosophic Theory and Applications, 2016
774. Azarnivand, A., Malekian, A., Analysis of Flood Risk Management Strategies Based on a Group Decision-Making Method Using Intuitionistic Fuzzy Numbers, 2016, Water Resources Management, 30, 6, 1903-1921., **@2016**
775. Gordji, M.E., Abbaszadeh, S., Intuitionistic fuzzy almost cauchy-jensen mappings, 2016, Demonstratio Mathematica, 49, 1, 1-10., **@2016**
776. Huang, H.-L., New Distance Measure of Single-Valued Neutrosophic Sets and Its Application, 2016, International Journal of Neutrosophic Science, 4, 1, 1021-1032., **@2016**
777. Peng, X., Yang, Y., Pythagorean Fuzzy Choquet Integral Based MABAC Method for Multiple Attribute Decision Making, 2016, International Journal of Intelligent Systems, 31, 10, 989-1020., **@2016**
778. Tripathy, B.K., Mohanty, R.K., Sooraj, T.R., On intuitionistic fuzzy soft sets and their application in decision making, 2016, Journal of Intelligent and Fuzzy Systems, 39, 6, 67-73., **@2016**
779. Dhipa M, Kalaavathi B, Hybrid Particle Swarm Optimization based Vertical Handoff Decision in Heterogeneous Network, Asian Journal of Research in Social Sciences and Humanities, 2016, 7315.2016.01277.6, **@2016**
780. Jamkhaneh, E.B., A VALUE AND AMBIGUITY-BASED RANKING METHOD OF GENERALIZED FUZZY NUMBERS FOR GROUP DECISION MAKING, 2016, Journal of Mathematics and Communications in Mathematics and Mathematical Sciences 2016, Vol. 6, Issue 2, pp. 89-103., **@2016**
781. Ebrahimpour, M. K., M. Eftekhari, Ensemble of feature selection methods: A hesitant fuzzy sets approach, 2016, Journal of Machine Learning Research, 17, 1, 300–312., **@2016**
782. Baccour, L., Alimi, A.M., John, R.I., Intuitionistic fuzzy similarity measures and their role in classification, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, 231-237., **@2016**
783. Tripathy, B.K., Sahai, V., Kaushik, N., Methods for individual and group decision making using interval-valued intuitionistic fuzzy sets, 2016, Journal of Intelligent Systems and Computing, 469, 197-206., **@2016**
784. Ejegwa, P. A., Some Operations on Intuitionistic Fuzzy Multisets, The Journal of Fuzzy Mathematics, 24, 1, 1-12., **@2016**
785. Bakry, A.A., Mohammed, M.M., Matrix ideal convergence in intuitionistic fuzzy n-normed spaces, 2016, Journal of Nanoscience, 13, 3, 1602-1608., **@2016**
786. Huang, X., Dai, W., Du, B., Resource-constrained project scheduling problem for large complex engineering projects using a hybrid genetic algorithm and interval-valued intuitionistic fuzzy sets, 2016, Academic Journal of Manufacturing Engineering, 14, 1, 1-10., **@2016**
787. Perez-Gonzaga, S., Lloret-Climent, M., Nescolarde-Selva, J.A., Invariability, orbits and fuzzy attractors in the dynamics of complex systems, 2016, Journal of Nonlinear Dynamics, 45, 1, 29-40., **@2016**
788. Farhadinia, B., Xu, Z. Distance and Aggregation-Based Methodologies for Hesitant Fuzzy Decision Making, 2016, Journal of Intelligent and Fuzzy Systems, 34, 1, 1-12., **@2016**

789. Nayagam, V. Lakshmana Gomathi, S. Jeevaraj, G. Sivaraman, Complete Ranking of Intuitionistic Fuzzy Numbers Using Entropy Method, 2016, 8(2), pp. 237-254., @2016
790. Piegat, A., Landowski, M., Aggregation of inconsistent expert opinions with use of horizontal intuitionistic fuzzy sets, Intelligent Systems and Computing, 401, 215-223., @2016
791. Tripathy, B.K., Sooraj, T.R., Mohanty, R.K., Advances decision making usisng hybrid soft set model, Soft Computing and Intelligent Technology, 8, 3, 17694-17721., @2016
792. Farnoosh R., M. Rahimi, P. Kumar, Removing noise in a digital image using a new entropy method, International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 1328-1332. DOI: 10.1109/FUZZ-IEEE.2016.7547321
793. Rogova, G., R. Yager, Belief-based argumentation and golden rule for decision making with soft and hard information, International Conference on Information Fusion (FUSION), 2016, pp. 790-797., @2016
794. Bakshi, T., Sinharay, A., Sarkar, B., Sanyal, S.K., Introduction to soft-set theoretic solution of project selection problems, Journal of Applied Mathematics, 2016, 2016, 1-1657., @2016
795. Garg, H., Generalized Pythagorean Fuzzy Geometric Aggregation Operators Using Einstein t-Norm Process, International Journal of Intelligent Systems, DOI: 10.1002/int.21860, @2016
796. Huang, X., Guo, L., Li, J., Yu, Y., Algorithm for Target Recognition Based on Interval-Valued Intuitionistic Fuzzy Sets, International Journal of Mathematical Problems in Engineering, 2016, 3408191., @2016
797. Tsao, C.-Y., Chen, T.-Y., A projection-based compromising method for multiple criteria decision making problem with interval-valued information, 2016, Applied Soft Computing Journal, 45, 207-223., @2016
798. Gayyar, M. K. EL, Smooth Neutrosophic Preuniform Spaces, New Trends in Neutrosophic Theory and Applications (Neutrosophic Number Theory and Fuzzy Theory and Fuzzy Number Theory, ed. Smarandache, Pramanik, eds.), 2016, 381-393., @2016
799. Shahzadi, S., M. Akram, Intuitionistic fuzzy soft graphs with applications, Journal of Applied Mathematics, 2016, 2016, 1-10.1007/s12190-016-1041-8, @2016
800. Beg, I., Rashid, T., An Intuitionistic 2-Tuple Linguistic Information Model and Aggregation Operators, Journal of Intelligent & Fuzzy Systems, 2016, 31, 6, 569-592, @2016
801. Veeramachaneni, S., Kandikonda, H., An ELECTRE approach for multicriteria interval-valued intuitionistic fuzzy sets, Advances in Fuzzy Systems, 2016, 1956303., @2016
802. Gowri, R., G. Jegadeesan, Strongly Soft g** -Closed Sets In Soft Cech Closure Space, IOSR Journal of Mathematics, 2016, 12(1), 1-10. DOI: 10.9790/5728-1204014753., @2016
803. Beg, I., Rashid, T., Intuitionistic fuzzy similarity measure: Theory and applications, 2016, Journal of Intelligent & Fuzzy Systems, 31, 3, 829., @2016
804. Qayyum, M., Ashraf, S., Kerre, E.E., Measure of intuitionistic fuzzy inclusion, 2016, Comptes Rendus de l'Academie des Sciences de Paris, Serie I, 351, 982., @2016
805. Verma, H., Agrawal, R.K., Sharan, A., An improved intuitionistic fuzzy c-means clustering algorithm for medical image segmentation, 2016, Applied Soft Computing Journal, 46, 543-557., @2016
806. Hajek, P., O. Prochazka, Interval-valued fuzzy cognitive maps for supporting business decisions, 2016, International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 531-536. DOI: 10.1109/FUZZ-IEEE.2016.7737732, @2016
807. Ye, J., A netting method for clustering-simplified neutrosophic information, Soft Comput, 2016, pp. 1-7.
808. Beliakov, G., Averages on lattices, 2016, Studies in Fuzziness and Soft Computing, 329, 305-345., @2016
809. Hudedagaddi, D.P., Tripathy, B., Application of spatial IFCM in Leukaemia cells, 2016, IJOAB Journal, 10, 1, 1-10.
810. Hernandez-Aguila, A., M. Garcia-Valdez, O. Castillo, A proposal for an intuitionistic fuzzy inference system based on interval type-2 fuzzy sets, International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 1294-1300. DOI: 10.1109/FUZZ-IEEE.2016.7737838, @2016

811. Yun, S. M., Lee, S.J., Intuitionistic Fuzzy Topologies Induced by Intuitionistic Fuzzy Approximation Spaces, DOI:10.1007/s40815-016-0237-2., **@2016**
812. Bentkowska, U., Pękala, B., Bustince, H., Fernandez, J., Barrenechea, E., Semi-properties of atanassov's intuitionistic fuzzy sets, Intelligent Systems and Computing, 401, 137-147., **@2016**
813. Hwang, C.-M., Yang, M.-S., Belief and Plausibility Functions on Intuitionistic Fuzzy Sets, 2016, International Journal of Fuzzy Systems, 17, 568., **@2016**
814. Hernandez-Aguila, A., M. Garcia-Valdez, O. Castillo, Chapter Nature-Inspired Design of Hybrid Intelligent Systems, Computational Intelligence, 2016, pp. 115-126., **@2016**
815. Bhargavi, Y., Eswarlal, T., Application of vague set in medical diagnosis, 2016, International Journal of Fuzzy Logic and Intelligent Systems, 16, 11-16., **@2016**
816. Intarapaiboon, P., A hierarchy-based similarity measure for intuitionistic fuzzy sets, 2016, Soft Computing, 20, 10, 3311-3322., **@2016**
817. Qi, X., Liang, C., Zhang, J., Multiple attribute group decision making based on generalized power aggregation operator in intuitionistic fuzzy linguistic environment, 2016, International Journal of Machine Learning and Cybernetics, 7, 6, 1141-1153., **@2016**
818. Vijay, K., Hari, A., Kiran, P., Intuitionistic trapezoidal fuzzy prioritized weighted geometric operator: A new approach for lung cancer, 2016, Advances in Intelligent Systems and Computing, 436, 605-615., **@2016**
819. Intarapaiboon P., T. Theeramunkong, An Improvement of Pattern-Based Information Extraction Using Intuitionistic Fuzzy Sets, In: *Advances in Intelligent Systems and Computing*, Trends in Artificial Intelligence, Volume 10053 of the series Lecture Notes in Computer Science, 2016, pp. 121-132., **@2016**
820. Virivinti, N., Mitra, K., Intuitionistic fuzzy expected value model for industrial grinding process, 2016, Proceedings of the 2016 Annual Conference of the International Production Research Association, 7441161, 369-376., **@2016**
821. Jeyaraman, M., Intuitionistic Fuzzy Contra Alpha Generalized Semi Continuous Mappings, The Journal of Nonlinear Sciences and Applications, 9, 12., **@2016**
822. Bialek, Ł., Szklarski, J., Borkowska, M.M., Gnatowski, M., Reasoning with four-valued logic in multi-relational databases, Intelligent Systems and Computing, 440, 483-499., **@2016**
823. Ji, P., J.-Q Wang, Hong-yu Zhang, Frank prioritized Bonferroni mean operator with single-valued neutrosophic numbers in party logistics providers, Neural Comput & Applic (2016), 1-25. DOI:10.1007/s00521-016-2660-6., **@2016**
824. Bin, C., Yanyong, G., Hesitant fuzzy soft sets and their applications in decision-making, 2016, 2015 12th International Conference on Knowledge Discovery, FSKD 2015, 7382000, 540-546., **@2016**
825. Intarapaiboon, P., An improvement of IFS-Based classification using correlation coefficient between intuitionistic fuzzy sets, 2016, Proceedings of the 2016 International Conference on InformationScience and Security, ICISS 2015, 7370981., **@2016**
826. Qian, W., Niu, L., Intuitionistic multiplicative preference relation and its application in group decision making, 2016, International Journal of Intelligent Systems, 30, 5, 2859-2870., **@2016**
827. Vishwakarma, Y., Sharma, S.P., Uncertainty analysis of an industrial system using Intuitionistic Fuzzy Assurance Engineering and Management, 7, 1, 73-83., **@2016**
828. Khameneh, A.Z., Kılıçman, A. & Salleh, A.R., An Adjustable Approach to Multi-Criteria Group Decision Making Under Fuzzy Soft Information, Int. J. Fuzzy Syst. (2016), 1-26. DOI:10.1007/s40815-016-0280-z., **@2016**
829. Khan, M., S. Abdullah, A. Zeb, A. Majid, CUCBIC AGGREGATION OPERATORS, 2016, International Journal of Computer Science and Information Security (IJCSIS), Vol. 14, No. 8, 670-682., **@2016**
830. Wahab, A.F., Zulkifly, M.I.E., Husain, M.S., Bezier curve modeling for intuitionistic fuzzy data, 2016, International Journal of Fuzzy Systems, 17, 1750., **@2016**
831. Khan, N. M., M. A. Khan, Ordered Semigroups Characterized in Terms of Intuitionistic Fuzzy Ideals, Chapter 10 in: *Advances in Fuzzy Mathematics and Applications*, Springer Proceedings in Mathematics & Statistics, 2016, pp 397-420., **@2016**
832. Intarapaiboon, P., Text classification using similarity measures on intuitionistic fuzzy sets, 2016, Science and Engineering Series, 10, 10, 1-10., **@2016**
833. Qian, W., Wang, Z.-J., Li, K.W., Medical waste disposal method selection based on a hierarchical decision-making approach, 2016, International Journal of Fuzzy Systems, 17, 1751-1762., **@2016**

834. Khuman, A. S., Y., Yingjie. J. Robert. L. Sifeng, Quantification of perception clusters using R-fuzzy time series forecasting method based on hesitant fuzzy sets, 2016, Conference on Grey Systems and Uncertainty Analysis (GSUA2016), 8-11 August 2016, Leicester, U.K.
835. Bisht, K., Kumar, S., Fuzzy time series forecasting method based on hesitant fuzzy sets, 2016, Expert Systems with Applications, 58, 171-178., @2016
836. Wan, J., Model for evaluating the design patterns of the Micro-Air vehicle under interval-valued intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 30, 5, 2963-2969., @2016
837. Krishnaveni, B., S. Chandrika, G. Ganeshan, Indexing of Information Systems Using Intuitionistic Rough Sets, 2016, Communications in Computer and Information Science, Volume 628 of the series Communications in Computer and Information Science, pp 25-36., @2016
838. Qin, J., Liu, X., Pedrycz, W., Multi-attribute group decision making based on Choquet integral under interval-valued intuitionistic fuzzy sets, 2016, International Journal of Computational Intelligence Systems, 9, 1, 133-152., @2016
839. Wei, G., Alsaad, F.E., Hayat, T., Alsaedi, A., Hesitant fuzzy linguistic arithmetic aggregation operators in multiple attribute decision making problems, 2016, Journal of Fuzzy Systems, 13, 4, 1-16., @2016
840. Kumar, K., H. Garg, TOPSIS method based on the connection number of set pair analysis under interval-valued intuitionistic fuzzy sets, 2016, Applied Mathematics and Computation, 283, 1-11. DOI: 10.1007/s40314-016-0402-0, @2016
841. Biswas, A., De, A.K., An efficient ranking technique for intuitionistic fuzzy numbers with its application in decision making problems, 2016, Advances in Fuzzy Systems, 2016, 6475403., @2016
842. Wan, S.-P., Wang, F., Dong, J.-Y., A novel group decision making method with intuitionistic fuzzy preference relations, 2016, Applied Soft Computing Journal, 38, 405-422., @2016
843. Wei, G., Interval valued hesitant fuzzy uncertain linguistic aggregation operators in multiple attribute decision making problems, 2016, Journal of Machine Learning and Cybernetics, 7, 6, 1093-1114., @2016
844. Liang, R., Wang, J., Li, L., Multi-criteria group decision-making method based on interdependent information, Neural Comput & Applic, 2016, pp. 1-20. DOI: 10.1007/s00521-016-2672-2, @2016
845. Wei, G., Picture fuzzy cross-entropy for multiple attribute decision making problems, 2016, Journal of Intelligent and Fuzzy Systems, 33, 501-502., @2016
846. Lin, Kuo-Sui, New Multi-Criteria Group Decision-Making Method Based on Vague Set Theory, American Journal of Mathematics and Statistics, 2016, 6, 317-323., @2016
847. Biswas, P., Pramanik, S., Giri, B.C., TOPSIS method for multi-attribute group decision-making under interval-valued intuitionistic fuzzy sets, 2016, Neural Computing and Applications, 27, 3, 727-737., @2016
848. Wan, S.-P., Wang, F., Dong, J.-Y., A novel risk attitudinal ranking method for intuitionistic fuzzy values, 2016, Applied Soft Computing Journal, 40, 98-112., @2016
849. Wei, Y.-R., Gao, L.-Q., Wang, C., Ha, M.-H., Distance measures for interval-valued intuitionistic hesitant fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 33, 367, 43-49., @2016
850. Qu, G., Zhang, H., Liu, Z., Zhang, Z., Zhang, Q., Group decision making based on λ -Shapley Choquet integral, 2016, Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 36, 3, 726-742., @2016
851. Wu, J., Cao, Q., Li, H., An approach for MADM problems with interval-valued intuitionistic fuzzy sets, 2016, Journal of Economic Development and Economic Theory, 22, 3, 336-356., @2016
852. Jastrzebska, A., Lesinski, W., Modeling in feature and concept spaces: Exclusion relations and similarity measures, 2016, Advances in Intelligent Systems and Computing, 364, 441-453., @2016
853. Wu, J., Xiong, R., Chiclana, F., Uninorm trust propagation and aggregation methods for group decision making problems, 2016, Knowledge-Based Systems, 96, 29-39., @2016
854. Liu, P., Special issue “Intuitionistic fuzzy theory and its application in economy, technology and management”, 2016, Journal of Economic Development and Economic Theory, 22, 3, 327-335., @2016

855. Biswas, R., Is ‘fuzzy theory’ an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 333, 1-10., **@2016**
856. Wan, S.-P., Wang, F., Dong, J.-Y., A preference degree for intuitionistic fuzzy values and applications, 2016, Information Sciences, 370-371, 127-147., **@2016**
857. Wu, J., Consistency in MCGDM Problems with Intuitionistic Fuzzy Preference Relations Based on an Index Function, 2016, Journal of Intelligent and Fuzzy Systems, 35, 2, 399-420., **@2016**
858. Mahmood, S., Z. Al-Batati, Intuitionistic Fuzzy Soft LA- Semigroups and Intuitionistic Fuzzy Soft Ideals, 2016, Journal of Inequalities and Special Functions, Vol. 6 (2016), 119 – 132., **@2016**
859. Bo, J., Wang, Y., Liu, M., The assessment of cloud computing service under intuitionistic fuzzy environment, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, 51, 613-618., **@2016**
860. Qu, G., Zhang, H., Qu, W., Zhang, Z., Induced generalized dual hesitant fuzzy Shapley hybrid operators for group decision making, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, 633-650., **@2016**
861. Wu, X.-H., Wang, J.-Q., Peng, J.-J., Chen, X.-H., Cross-Entropy and Prioritized Aggregation Operators and Their Application in Multi-Criteria Decision-Making Problems, 2016, International Journal of Fuzzy Systems, 17, 1, 1-10., **@2016**
862. Mahmood, T., JUN YE, Q. Khan, VECTOR SIMILARITY MEASURES FOR SIMPLIFIED NEUTROSOPHIC SETS AND THEIR APPLICATIONS, 2016, Journal of Inequalities and Special Functions, Volume 7 Issue 4, pp. 176-194., **@2016**
863. Wan, S.-P., Wang, F., Lin, L.-L., Dong, J.-Y., Some new generalized aggregation operators for triangular intuitionistic fuzzy numbers and their application in multi-attribute group decision making, 2016, Computers and Industrial Engineering, 93, 286-301., **@2016**
864. Wu, Y., Zhang, J., Yuan, J., Geng, S., Zhang, H., Study of decision framework of offshore wind power generation under intuitionistic fuzzy environment: A case of China, 2016, Energy Conversion and Management, 113, 66-81., **@2016**
865. Mardani, A., E.K. Zavadskas, Z. Khalifah, N.Zakuan, A. Jusoh, K.Md Nor, M. Khoshnoudi, A review of energy management models and methods used to solve energy management problems: Two decades from 1995 to 2015, Renewable and Sustainable Energy Reviews, 60, 100-120., **@2016**
866. Bodaghi, A., Intuitionistic fuzzy stability of the generalized forms of cubic and quartic functional equations, 2016, Journal of Nonlinear Science and Applications, 9, 30, 4, 2309-2317., **@2016**
867. Ji, P., Zhang, H.-Y., A subsethood measure with the hausdorff distance for interval neutrosophic sets and its applications, 2016, Proceedings of the 28th Chinese Control and Decision Conference, CCDC 2016, 7531710, 4152-4156., **@2016**
868. Xian, S., Xue, W., Dong, Y., Intuitionistic fuzzy induced ordered entropic weighted averaging operator, 2016, Journal of Intelligent and Fuzzy Systems, 31, 3, 1189-1197., **@2016**
869. Melliani, S., R. Ettoussi, M. Elomari, L. S. Chadli, Characterization of compact subset of intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 31, 2, 13–21., **@2016**
870. Quirós, P., Alonso, J.M., Pancho, D.P., Descriptive and Comparative Analysis of Human Perception Using Questionnaires, 2016, International Journal of Computational Intelligence Systems, 9, 3, 450-467., **@2016**
871. Wan, S.-P., Xu, G.-L., Dong, J.-Y., A novel method for group decision making with interval-valued intuitionistic fuzzy numbers, 2016, Information Sciences, 372, 53-73., **@2016**
872. Xie, B., Li, L.-J., Mi, J.-S., A novel approach for ranking in interval-valued information systems, 2016, Journal of Intelligent and Fuzzy Systems, 31, 2, 523-534., **@2016**
873. Mielcova, E., Weighted voting bodies under I-fuzzy settings, 2016 IEEE International Conference on Fuzzy Systems, 10.1109/FUZZ-IEEE.2016.7737902, **@2016**
874. Wan, S.-P., Xu, J., Dong, J.-Y., Aggregating decision information into interval-valued intuitionistic fuzzy sets for group decision making, 2016, Knowledge-Based Systems, 113, 155-170., **@2016**
875. Xie, L., Zhou, W., Shi, L., Research on method application of transforming fuzzy sets using SPA Sets, 2016, Journal of Intelligent and Fuzzy Systems, 31, 2, 641-642., **@2016**

876. Mondal, S.P, D.K Vishwakarma, Intuitionistic Fuzzy Difference Equation, Chapter 9 in Emerging Research in Fuzzy Matrices (A. Adak, ed.), 2016, 210-234., **@2016**
877. Butt, M.A., Akram, M., A new intuitionistic fuzzy rule-based decision-making system for an operating system, 2016, 1547., **@2016**
878. Jianning, L., Jing, J., Liyang, S., Shaojie, M., Research of resource selection algorithm of parallel simulation based on real-time intelligence, 2016, Communications in Computer and Information Science, 643, 419-430., **@2016**
879. Xie, X.-J., Lv, X.-X., About approach to multi-attribute decision making problems based on COWA environment, 2016, Advances in Intelligent Systems and Computing, 443, 251-258., **@2016**

7. **Atanassov, Krassimir.** On a Second New Generalization of the Fibonacci Sequence. The Fibonacci Quarterly, 2016, 54(1), 1-10.

Цитира се:

880. Suvarnamani, A., & Tatong, M. (2016). Multiplicative Pulsating 3-Fibonacci Sequence. Math Journal, 61(688), 15-25., **@2016**
881. Bhatnagar, S., & Sikhwal, O. (2016). Additive Pulsating Fibonacci Sequences and Some Results. SCIENTIA MAGNA, 12(10), 149-160, **@2016**
8. Gydkov A., Kosarov D., **Kossev A.**, Kostov K., Trayanova N., Radicheva N.. Motor unit potentials at high frequencies. Biomed. Biochim. Acta, 45, 1986, ISSN:0232766X, S63-S68
- Цитира се:
882. Gould JR, Cleland BT, Mani D, Amiridis IG, Enoka RM (2016) Journal of Neurophysiology, 116(3), 1355-1365.

1987

9. **Mladenov I.**, Tsanov V.. Geometric Quantization of the MIC-Kepler Problem. J. Physics A: Math. & Gen., 20, 1987, 11, 40, 1987, 11, 40.

Цитира се:

883. Zhang Y. H., McDargh Z., Tu Z. C., arxiv:1611.07747v1, **@2016**
884. Arunaye I., Journal of Mathematical and Computational Science 6, 2016, 633-640., **@2016**

10. **Atanassov, K.**. Generalized index matrices. Comptesrendus de l'AcademieBulgare des Sciences, 11, 40, 1987, 11, 40.

Цитира се:

885. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
886. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River. Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**
887. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of Lactobacillus MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.
888. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**

1988

11. Christov I, Dotsinsky I. New approach to the digital elimination of 50 Hz interference from the electrocardiogram. Computing in Cardiology, 1988, 26, 431-434. SJR:2.02, ISI IF:1.76

Цитира се в:

889. Dobrev D, Neycheva T (2016) Automatic common mode electrode-amplifier impedance balance with Software. In: Proceedings of the International Conference on Electrical Engineering and Bioenergetics, Sept, Sozopol, DOI: 10.1109/ET.2016.7753473, <http://ieeexplore.ieee.org/abstract/document/7753473/>, pp. 1-4.

12. Zhelev D.V., Dimitrov D.S., Tsoneva I.. Electrical breakdown of protoplast membranes under different osmotic pressure. In: Bioenergetics, 1988, ISSN:ISSN:1567-5394, 217-225. ISI IF:4.17

Цитира се в:

890. Electrochemical Processes During High-Voltage Electric Pulses and their Importance in Food Processing. In: Advances in Food ..., 2016, **@2016**

1989

13. Atanassov, K. T., Gargov, G.. Interval valued intuitionistic fuzzy sets. Fuzzy Sets and Systems, 31, 3, Elsevier, 1989, pp. 343-352.

Цитира се в:

891. Liu, P., Wang, Y., Interval neutrosophic prioritized OWA operator and its application to multiple attribute decision making. In: Neutrosophic Sets and Systems, 29, 3, pp. 681-697., **@2016**

892. Liu, P., Zhang, L., Liu, X., Wang, P., Multi-Valued Neutrosophic Number Bonferroni Mean Operators with Application in Decision Making, 2016, International Journal of Information Technology and Decision Making, 15, 5, pp. 1131-1148.

893. Liu, T., Wang, C., Li, X., Model for evaluating the management performance of the sport grounds with interval-valued intuitionistic fuzzy sets. In: Journal of Intelligent and Fuzzy Systems, 31, 3, pp. 1535-1544., **@2016**

894. Liu, Z., Liu, P., Intuitionistic normal fuzzy prioritized aggregation operators and their application to group decision making. In: Journal of System Engineering and System Engineering Theory and Practice, 36, 2, pp. 494-504., **@2016**

895. Ma, H., Hu, Z., Li, K., Zhang, H., Toward trustworthy cloud service selection: A time-aware approach. In: Parallel and Distributed Computing, 96, pp. 75-94., **@2016**

896. Mao, J., Zhao, Y., Ma, C., A New Type of Compositive Information Entropy for IvIFS and Its Applications. In: International Journal of Intelligent Systems, 31, 1, pp. 1-18., **@2016**

897. Mardani, A., Jusoh, A., Zavadskas, E.K., Kazemilari, M., Ahmad, U.N.U., Khalifah, Z., Application of interval-valued intuitionistic fuzzy sets in tourism and hospitality industry: A systematic review, 2016, Transformations in Business and Economics, 1, pp. 1-20.

898. Meng, F., An, Q., Chen, X., A consistency and consensus-based method to group decision making with interval-valued intuitionistic fuzzy sets. In: Journal of the Operational Research Society, 67, 11, pp. 1419-1437., **@2016**

899. Meng, F., Chen, X., Entropy and similarity measure for Atannasov's interval-valued intuitionistic fuzzy sets. In: Fuzzy Optimization and Decision Making, 15, 1, pp. 75-101., **@2016**

900. Meng, F., Chen, X., The symmetrical interval intuitionistic uncertain linguistic operators and their applications. In: Industrial Engineering, 98, pp. 531-542., **@2016**

901. Meng, F., Wang, C., Chen, X., Linguistic Interval Hesitant Fuzzy Sets and Their Application in Decision Making. In: International Journal of Intelligent Systems, 31, 1, pp. 52-68., **@2016**

902. Meng, F., Wang, C., Chen, X., Zhang, Q., Correlation Coefficients of Interval-Valued Hesitant Fuzzy Sets and Their Application. In: International Journal of Intelligent Systems, 31, 1, pp. 17-43., **@2016**

903. Milles, S., Rak, E., Zedam, L., Intuitionistic fuzzy complete lattices, 2016, Advances in Intelligent Systems and Computing, 438, pp. 1-10.

904. Mishra, A.R., Intuitionistic fuzzy information measures with application in rating of township development, pp. 49-70., **@2016**
905. Mukherjee, A., Das, A.K., Application of Interval Valued Intuitionistic Fuzzy Soft Set in Investment Decision Making, International Conference on Advances in Computing and Communications, ICACC 2015, art. no. 743377.
906. Mukherjee, A., Das, A.K., Interval valued intuitionistic fuzzy soft multi set theoretic approach to decision making, Conference on Computer Communication and Control, IC4 2015, art. no. 7375640., **@2016**
907. Nădăban, S., Dzitac, S., Dzitac, I., Fuzzy TOPSIS: A General View, 2016, Procedia Computer Science, 74, 1, pp. 100-105., **@2016**
908. Nădăban, S., Dzitac, S., Neutrosophic TOPSIS: A general view, 2016, 2016 6th International Conference on Intelligent Computing and Computational Complexity, ICCCC 2016, art. no. 7496769, pp. 250-253., **@2016**
909. Nancy, Garg, H., Novel single-valued neutrosophic aggregated operators under frank norm operation and their applications, International Journal for Uncertainty Quantification, 6, 4, pp. 361-375., **@2016**
910. Nayagam, V.L.G., Dhanasekaran, P., Jeevaraj, S., A complete ranking of incomplete trapezoidal intuitionistic fuzzy numbers, International Journal of Intelligent Systems, 30, 6, pp. 3209-3225., **@2016**
911. Nayagam, V.L.G., Jeevaraj, S., Sivaraman, G., Total ordering defined on the set of all intuitionistic fuzzy numbers, International Journal of Intelligent Systems, 30, 4, pp. 2015-2028., **@2016**
912. Nguyen, H., A new interval-valued knowledge measure for interval-valued intuitionistic fuzzy sets and its applications, International Journal of Intelligent Systems with Applications, 56, pp. 143-155., **@2016**
913. Otadi, M., Mosleh, M., Simulation and evaluation of interval-valued fuzzy linear Fredholm integral equations, 2016, Neurocomputing, 205, pp. 519-528., **@2016**
914. Otay, I., Kahraman, C., Multicriteria bottle design in the beverage industry using interval-valued intuitionistic fuzzy sets, International Journal of Intelligent Systems and Soft Computing, 27, 5-6, pp. 457-474, **@2016**
915. Park, J.H., Kim, J.Y., Kwun, Y.C., Intuitionistic Fuzzy Optimized Weighted Geometric Bonferroni Mean Aggregation Operator and its Application in Group Decision Making, 2016, Fundamenta Informaticae, 144, 3-4, pp. 363-381., **@2016**
916. Peng, B., An approach to group decision making based on interval-valued intuitionistic fuzzy geometric Bonferroni mean aggregation operator, International Conference on Fuzzy Theory and Its Applications, Conference Digest, art. no. 7391901, pp. 1-6., **@2016**
917. Peng, B., Ye, C., Methods for aggregating interval-valued intuitionistic pure linguistic information and their applications, Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 36, 6, pp. 1526-1535., **@2016**
918. Peng, J.-J., Wang, J.-Q., Wang, J., Zhang, H.-Y., Chen, X.-H., Simplified neutrosophic sets and their applications in decision making problems, 2016, International Journal of Systems Science, 47, 10, pp. 2342-2358., **@2016**
919. Peng, X., Yang, Y., Fundamental Properties of Interval-Valued Pythagorean Fuzzy Aggregation Operators, International Journal of Intelligent Systems, 31, 5, pp. 444-487., **@2016**
920. Pieglat, A., Landowski, M., Aggregation of inconsistent expert opinions with use of horizontal intuitionistic fuzzy sets, International Journal of Intelligent Systems and Computing, 401, pp. 215-223., **@2016**
921. Qi, X., Liang, C., Zhang, J., Multiple attribute group decision making based on generalized power aggregation operators in a fuzzy linguistic environment, 2016, International Journal of Machine Learning and Cybernetics, 7, 6, pp. 1-10., **@2016**
922. Qin, J., Liu, X., Pedrycz, W., Multi-attribute group decision making based on Choquet integral under intuitionistic fuzzy linguistic environment, International Journal of Computational Intelligence Systems, 9, 1, pp. 133-152., **@2016**
923. Abdullah, S., Aslam, M., Hila, K., Interval valued intuitionistic fuzzy sets in Γ -semihypergroups, , 2016, International Journal of Machine Learning and Cybernetics, 7, 2, pp. 217-228., **@2016**
924. Afzali, A., Rafsanjani, M.K., Saeid, A.B., A Fuzzy Multi-objective Linear Programming Model Based on Supplier Selection, 2016, International Journal of Fuzzy Systems, 18, 5, pp. 864-874., **@2016**
925. Ananthi, V.P., Balasubramaniam, P., A new image denoising method using interval-valued intuitionistic fuzzy sets, International Journal of Machine Learning and Cybernetics, 7, 2, pp. 217-228., **@2016**

Signal Processing, 121, pp. 81-93., **@2016**

926. Qu, G., Zhang, H., Qu, W., Zhang, Z., Induced generalized dual hesitant fuzzy Shapley hybrid operators in decision making, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, pp. 633-650., **@2016**
927. Samir Dey. Studies on mathematical programming methods for structure with imprecise parameters. Ph.D. Thesis, Department of Mathematics, Jadavpur University, West Bengal, India, 2016., **@2016**
928. Ananthi, V.P., Balasubramaniam, P., A new thresholding technique based on fuzzy set as an application in medical image segmentation, Computer Methods and Programs in Biomedicine, 134, pp. 165-177., **@2016**
929. Rashmanlou, H., Borzooei, R.A., New concepts of interval-valued intuitionistic, S, T-fuzzy graphs, 2016, pp. 1893-1901., **@2016**
930. Ananthi, V.P., Balasubramaniam, P., Kalaiselvi, T., A new fuzzy clustering algorithm for the segmentation of medical images, Computer Methods and Programs in Biomedicine, 134, pp. 4859-4879., **@2016**
931. Ren, P., Xu, Z., Lei, Q., Simplified interval-valued intuitionistic fuzzy sets with intuitionistic fuzzy numbers, Computer Methods and Programs in Biomedicine, 134, pp. 4393., **@2016**
932. Arefi, M., Clustering regression based on interval-valued fuzzy outputs and interval-valued fuzzy patterns, Journal of Intelligent and Fuzzy Systems, 30, 3, pp. 1339-1351., **@2016**
933. Ren, P., Xu, Z., Zhao, H., Xu, J., Simplified interval-valued intuitionistic fuzzy integrals and their usefulness in decision making, Computer Methods and Programs in Biomedicine, 134, pp. 4377-4393., **@2016**
934. Beg, I., Rashid, T., An Intuitionistic 2-Tuple Linguistic Information Model and Aggregation Operators, Journal of Intelligent and Fuzzy Systems, 31, 6, pp. 569-592., **@2016**
935. Robinson, J.P., Contrasting correlation coefficient with distance measure in interval valued intuitionistic fuzzy sets, International Journal of Fuzzy System Applications, 5, 4, pp. 16-51., **@2016**
936. Beliakov, G., Averages on lattices, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 305-345., **@2016**
937. Rodríguez, R.M., Bedregal, B., Bustince, H., Dong, Y.C., Farhadinia, B., Kahraman, C., Martínez, L., Torra, V., A comparison of different approaches for the aggregation of hesitant fuzzy sets and their applications in decision making. Towards high quality decision making, International Conference on Information Fusion, 16, pp. 89-97., **@2016**
938. Biswas, R., Is ‘fuzzy theory’ an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 118., **@2016**
939. Şahin, R., Fuzzy multicriteria decision making method based on the improved accuracy function for interval-valued intuitionistic fuzzy sets, Computer Methods and Programs in Biomedicine, 20, 7, pp. 2557-2563., **@2016**
940. Bustince, H., Barrenechea, E., Pagola, M., Fernandez, J., Xu, Z., Bedregal, B., Montero, J., Hagras, H., A comparison of different approaches for the aggregation of hesitant fuzzy sets and their relationships, 2016, IEEE Transactions on Fuzzy Systems, 24, 1, art. no. 714-726.
941. Sayyadi Tooranloo, H., Ayatollah, A.S., A model for failure mode and effects analysis based on interval-valued intuitionistic fuzzy sets, Journal of Quality Engineering, 28, 2, pp. 238-247., **@2016**
942. Chen, S.-M., Cheng, S.-H., Tsai, W.-H., A novel multiple attribute decision making method based on interval-valued intuitionistic fuzzy sets and their aggregation operators, 2016, Proceedings of the 8th International Conference on Advanced Computational Intelligence and Knowledge Management, 1, pp. 79-83., **@2016**
943. Selvachandran, G., Mashaan, O.A., Ahmad, A.G., Algebraic and graphical interpretation of complex fuzzy sets, 2016, Communications in Computer and Information Science, 652, pp. 213-223., **@2016**
944. Chen, S.-M., Cheng, S.-H., Tsai, W.-H., Multiple attribute group decision making based on interval-valued intuitionistic fuzzy sets and their aggregation operators, 2016, Information Sciences, 367, pp. 100-116.
945. Shao, L.-S., Zhao, L.-L., Bidirectional projection method with interval-valued intuitionistic fuzzy information, Journal of Intelligent and Fuzzy Systems, 31, 3, pp. 571-576., **@2016**

946. Shao, L.-S., Zhao, L.-L., Wen, T.-X., Kong, X.-B., Bidirectional projection method with interval-valued theory, 2016, Kongzhi yu Juece/Control and Decision, 31, 6, pp. 1143-1147., **@2016**
947. Chen, S.-M., Tsai, W.-H., Multiple attribute decision making based on novel interval-valued intuitionistic fuzzy information, 2016, Information Sciences, 367-368, pp. 1045-1065., **@2016**
948. Shora, A.R., Alam, A., Biswas, R., Intuitionistic fuzzy multivalued dependency and intuitionistic fuzzy Systems and Computing, 404, pp. 393-404., **@2016**
949. Chen, T.-Y., An inclusion comparison approach for multiple criteria decision analysis based on Technological and Economic Development of Economy, 22, 3, pp. 357-392., **@2016**
950. Sun, G., Xia, W.-L., Evaluation method for innovation capability and efficiency of high technology enterprises based on information, 2016, Journal of Intelligent and Fuzzy Systems, 31, 3, pp. 1419-1425., **@2016**
951. Chen, T.-Y., An interval-valued intuitionistic fuzzy permutation method with likelihood-based preference decision analysis, 2016, Applied Soft Computing Journal, 42, pp. 390-409., **@2016**
952. Thiagarasu, V., Umasankar, P., Mining correlation rules for multiple attribute group decision making model, 2016, Applied Engineering Research, 11, 16, pp. 8848-8857., **@2016**
953. Chen, T.-Y., An IVIF-ELECTRE outranking method for multiple criteria decision-making with Technological and Economic Development of Economy, 22, 3, pp. 416-452., **@2016**
954. Thillaigovindan, N., Anita Shanthi, S., Vadivel Naidu, J., A better score function for multiple criteria decision choice under risk, 2016, Expert Systems with Applications, 59, pp. 78-85., **@2016**
955. Chen, Y., Li, T., Intuitionistic uncertain linguistic information aggregation operators based on Choquet integral, 2016, Juece/Control and Decision, 31, 5, pp. 842-852., **@2016**
956. Thillaigovindan, N., Anita Shanthi, S., Vadivel Naidu, J., New Method for Solving a General Multiple Attribute Decision Problem in Fuzzy Environment, 2016, International Journal of Information Technology and Decision Making, 15, 5, pp. 101-116., **@2016**
957. Tian, Z.-P., Zhang, H.-Y., Wang, J., Wang, J.-Q., Chen, X.-H., Multi-criteria decision-making method based on soft sets, 2016, International Journal of Systems Science, 47, 15, pp. 3598-3608., **@2016**
958. Cheng, H., Tang, J., Interval-valued intuitionistic fuzzy multi-criteria decision making based on the generalized TOPSIS method, 2016, Journal of Industrial and Production Engineering, 33, 1, pp. 1-16., **@2016**
959. Tripathy, B.K., Sooraj, T.R., Mohanty, R.K., Advances decision making usisng hybrid soft set model, 2016, Journal of Intelligent and Fuzzy Technology, 8 (3), pp. 17694-17721., **@2016**
960. Chou, W.-S., New algorithm of similarity measures for pattern-recognition problems, 2016, Journal of Intelligent and Fuzzy Systems, 34, 5, pp. 1479-1484., **@2016**
961. Tsao, C.-Y., Chen, T.-Y., A projection-based compromising method for multiple criteria decision information, 2016, Applied Soft Computing Journal, 45, pp. 207-223., **@2016**
962. Chuantao, W., Xiaofei, C., Baowen, L., Fuzzy comprehensive evaluation based on multi-attribute group decision, 2016, Journal of Intelligent and Fuzzy Systems, 31, 4, pp. 2203-2212., **@2016**
963. Veeramachaneni, S., Kandikonda, H., An ELECTRE approach for multicriteria interval-valued intuitionistic fuzzy decision making, 2016, Advances in Fuzzy Systems, 2016, art. no. 1956303., **@2016**
964. Dammak, F., Baccour, L., Alimi, A.M., An Exhaustive Study of Possibility Measures of Interval-Valued Fuzzy Sets for Multicriteria Decision Making, 2016, Advances in Fuzzy Systems, 2016, art. no. 9185706., **@2016**
965. Wan, J., Model for evaluating the design patterns of the Micro-Air vehicle under interval-valued intuitionistic fuzzy environment, 2016, Journal of Intelligent and Fuzzy Systems, 30, 5, pp. 2963-2969., **@2016**
966. Das, D., De, P.K., Ranking of intuitionistic fuzzy numbers bynew distance measure, 2016, Journal of Intelligent and Fuzzy Systems, 34, 5, pp. 1107., **@2016**

967. Wan, S.-P., Xu, J., Dong, J.-Y., Aggregating decision information into interval-valued intuitionistic fuzzy decision making, 2016, Knowledge-Based Systems, 113, pp. 155-170., **@2016**
968. Das, S., Dutta, B., Guha, D., Weight computation of criteria in a decision-making problem by knowledge valued intuitionistic fuzzy set, 2016, Soft Computing, 20, 9, pp. 3421-3442., **@2016**
969. Wang, C.-H., Wang, J.-Q., A multi-criteria decision-making method based on triangular intuitionist, Automation and Soft Computing, 22, 3, pp. 473-482., **@2016**
970. De Miguel, L., Bustince, H., Fernandez, J., Induráin, E., Kolesárová, A., Mesiar, R., Construction of adm intuitionistic fuzzy sets with an application to decision making, 2016, Information Fusion, 27, pp. 189-199.
971. Wang, L.-E., Liu, H.-C., Quan, M.-Y., Evaluating the risk of failure modes with a hybrid MCDM environments, 2016, Computers and Industrial Engineering, 102, pp. 175-185., **@2016**
972. Deli, I., Karataş, S., Interval valued intuitionistic fuzzy parameterized soft set theory and its decision Systems, 30, 4, pp. 2073-2082., **@2016**
973. Wang, X., Zhu, J., Song, Y., Lei, L., Combination of unreliable evidence sources in intuitionistic fu Systems, 97, pp. 24-39., **@2016**
974. Dong, J., Wan, S., A new method for multi-attribute group decision making with triangular intuitionistic 180., **@2016**
975. Wang, Y., Li, Y., Hu, R., An intuitionistic fuzzy multi-attribute decision making model for the accepta operator, 2016, Proceedings of the 28th Chinese Control and Decision Conference, CCDC 2016, art. no. 7545202.
976. Dong, J.-Y., Lin, L.-L., Wang, F., Wan, S.-P., Generalized Choquet Integral Operator of Triangul Application to Multi-Attribute Group Decision Making, 2016, International Journal of Uncertainty, Fu 647-683., **@2016**
977. Wibowo, S., Deng, H., Evaluating the performance of cloud services: A fuzzy multicriteria group dec IEEE International Symposium on Computer, Consumer and Control, IS3C 2016, art. no. 7545202, pp. 3.
978. Wu, J., Cao, Q., Li, H., An approach for MADM problems with interval-valued intuitionistic fuzzy sets and Economic Development of Economy, 22, 3, pp. 336-356., **@2016**
979. Wu, X.-H., Wang, J.-Q., Peng, J.-J., Chen, X.-H., Cross-Entropy and Prioritized Aggregation Oper Application in Multi-Criteria Decision-Making Problems, 2016, International Journal of Fuzzy Systems,
980. Xie, X.-J., Lv, X.-X., About approach to multi-attribute decision making problems based on COWA environment, 2016, Advances in Intelligent Systems and Computing, 443, pp. 251-258., **@2016**
981. Xie, X.-J., Lv, X.-X., Improved interval-valued intuitionistic fuzzy entropy and its applications in Advances in Intelligent Systems and Computing, 367, pp. 201-211., **@2016**
982. Xiong, S.-H., Chen, Z.-S., Li, Y.-L., Chin, K.-S., On Extending Power-Geometric Operators to Interval-to Group Decision Making, 2016, International Journal of Information Technology and Decision Making
983. Xu, F., Xing, Z.-Y., Yin, H.-D., Attribute reductions and concept lattices in interval-valued intuition properties, 2016, Journal of Intelligent and Fuzzy Systems, 30, 2, pp. 1231-1242., **@2016**
984. Xu, Y., Xu, A., Wang, H., Hesitant fuzzy linguistic linear programming technique for multidimension decision making, 2016, International Journal of Machine Learning and Cybernetics, 7, 5, pp. 845-855., (
985. Xue, Y.-X., You, J.-X., Lai, X.-D., Liu, H.-C., An interval-valued intuitionistic fuzzy MABAC appro information, 2016, Applied Soft Computing Journal, 38, pp. 703-713., **@2016**
986. Ye, J., The generalized Dice measures for multiple attribute decision making under simplified neutrosop Fuzzy Systems, 31, 1, pp. 663-671., **@2016**
987. Yogashanthi, T., Ganesan, K., A new approach on solving intuitionistic fuzzy networking proble Mathematics, 12, 1, 442-448., **@2016**

988. You, X., Chen, T., Yang, Q., Approach to multi-criteria group decision-making problems based on Symmetry, 8, 9, art. no. 95., **@2016**
989. Yu, D., Li, D.-F., Merigó, J.M., Dual hesitant fuzzy group decision making method and its application to Machine Learning and Cybernetics, 7, 5, pp. 819-831., **@2016**
990. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal of Intelligent and Fuzzy Systems, 33, 3, pp. 3653-3663., **@2016**
991. Dong, J.-Y., Wan, S.-P., A new method for prioritized multi-criteria group decision making with triangular intuitionistic fuzzy numbers, 2016, Intelligent and Fuzzy Systems, 30, 3, pp. 1719-1733., **@2016**
992. Yu, D., Softmax function based intuitionistic fuzzy multi-criteria decision making and applications, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 341-348., **@2016**
993. Dong, J.Y., Wan, S.P., Arithmetic aggregation operators for interval-valued intuitionistic linguistic decision making, 2016, Iranian Journal of Fuzzy Systems, 13, 1, pp. 1-23., **@2016**
994. Dülenci, M., A new distance measure for interval valued intuitionistic fuzzy sets and its application to multi-criteria decision making based on weighted average operator, 2016, Applied Soft Computing Journal, 41, pp. 120-134., **@2016**
995. Yu, G.-F., Li, D.-F., Qiu, J.-M., Ye, Y.-F., Multi-attribute group decision making method for preference information, 2016, Kongzhi yu Juece/Control and Decision, 31, 11, pp. 2013-2018., **@2016**
996. Yu, Q., Hou, F., Zhai, Y., Du, Y., Some Hesitant Fuzzy Einstein Aggregation Operators and Their Application in Group Decision Making, 2016, International Journal of Intelligent Systems, 31, 7, pp. 722-746., **@2016**
997. Yue, C., A geometric approach for ranking interval-valued intuitionistic fuzzy numbers with an application in industrial engineering, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 233-245., **@2016**
998. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, Edu-Libri, Kraków–Legnica, 2016.
999. Zeng, S., Su, W., Zhang, C., Intuitionistic fuzzy generalized probabilistic ordered weighted averaging operator, 2016, Technological and Economic Development of Economy, 22, 2, pp. 177-193., **@2016**
1000. Zeng, W., Li, D., Yin, Q., Distance and similarity measures between hesitant fuzzy sets and their applications, 2016, Pattern Recognition Letters, 84, pp. 267-271., **@2016**
1001. Zhang, F., Xu, S., Multiple Attribute Group Decision Making Method Based on Utility Theory Under Uncertainty, 2016, Group Decision and Negotiation, 25, 6, pp. 1261-1275., **@2016**
1002. Zhang, H., Wang, J., Chen, X., An outranking approach for multi-criteria decision-making problems with incomplete information, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 615-627., **@2016**
1003. Zhang, H., Yang, S., Inclusion measure for typical hesitant fuzzy sets, the relative similarity measure and their applications, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 1277-1287., **@2016**
1004. Zhang, H., Yang, S., Representations of typical hesitant fuzzy rough sets, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 1289-1300., **@2016**
1005. Ervural, B.Ç., Ervural, B., Kahraman, C., Fuzzy sets in the evaluation of socio-ecological systems: A case study of Turkey, 2016, Studies in Fuzziness and Soft Computing, 341, pp. 309-326., **@2016**
1006. Zhang, H.-Y., Ji, P., Wang, J.-Q., Chen, X.-H., A Neutrosophic Normal Cloud and Its Application in Decision Making, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 649-669., **@2016**
1007. Zhang, H.-Y., Yang, S.-Y., Yue, Z.-W., On inclusion measures of intuitionistic and interval-valued intuitionistic fuzzy sets and their applications in group decision making, 2016, International Journal of Machine Learning and Cybernetics, 7, 5, pp. 833-844., **@2016**
1008. Garg, H., A new generalized improved score function of interval-valued intuitionistic fuzzy sets and its applications in decision making, 2016, Journal of Intelligent and Fuzzy Systems, 34, 2, pp. 988-999., **@2016**
1009. Zhang, J., Hegde, G.G., Shang, J., Qi, X., Evaluating emergency response solutions for sustainable community development using interval-valued intuitionistic fuzzy group decision making approaches: IVDHF-TOPSIS and IVDHF-VIKOR, 2016, Sustainability, Switzerland, 8, 1, pp. 1-16., **@2016**

- 1010.** Garg, H., Generalized intuitionistic fuzzy multiplicative interactive geometric operators and their applications in decision making, International Journal of Machine Learning and Cybernetics, 7, 6, pp. 1075-1092., **@2016**
- 1011.** Zhang, M., Liu, P., Shi, L., An extended multiple attribute group decision-making TODIM method based on interval-valued intuitionistic fuzzy sets, Intelligent and Fuzzy Systems, 30, 3, pp. 1773-1781., **@2016**
- 1012.** Ge, C., Li, C., Assessment of organization performance in the human resource management, 2016, 834., **@2016**
- 1013.** Zhang, S., Li, X., Meng, F., An approach to multi-criteria decision-making under interval-valued intuitionistic fuzzy sets, 2016, Journal of Industrial and Production Engineering, 33, 4, pp. 253-270., **@2016**
- 1014.** Gitinavard, H., Mousavi, S.M., Vahdani, B., A new multi-criteria weighting and ranking model for group hesitant fuzzy sets to selection problems, 2016, Neural Computing and Applications, 27, 6, pp. 1593-1607., **@2016**
- 1015.** Zhang, W., Zhang, S., Zhang, S., Yu, D., A novel method for MCDM and evaluation of manufacturing theory, 2016, Journal of Algorithms and Computational Technology, 10, 1, pp. 40-51., **@2016**
- 1016.** Zhang, X., An Integrated Maximizing Consistency and Multi-Choice Goal Programming Approach for Decision Making Based on Interval-Valued Intuitionistic Fuzzy Number, 2016, Informatica, Netherlands, 26, 4, pp. 705-722., **@2016**
- 1017.** Gou, X., Xu, Z., Liao, H., Exponential operations of interval-valued intuitionistic fuzzy numbers, 2016, International Journal of Machine Learning and Cybernetics, 7, 3, pp. 501-518., **@2016**
- 1018.** Zhang, Y., Xie, A., Wu, Y., A hesitant fuzzy multiple attribute decision making method based on interval-valued intuitionistic fuzzy sets, 2016, International Journal of Machine Learning and Cybernetics, 7, 3, pp. 501-518., **PapersOnLine**, 48, 28, pp. 427-431., **@2016**
- 1019.** Zhang, Z., Deriving the priority weights from incomplete hesitant fuzzy preference relations based on interval-valued intuitionistic fuzzy sets, 2016, International Journal of Machine Learning and Cybernetics, 7, 3, pp. 501-518., **Computing Journal**, 46, pp. 37-59., **@2016**
- 1020.** Zhang, Z., Several New Hesitant Fuzzy Aggregation Operators and their Application to Multi-criteria Decision Making, 2016, Indian National Academy of Sciences India Section A - Physical Sciences, 86, 3, pp. 377-393., **@2016**
- 1021.** Grandhi, S., Wibowo, S., Performance evaluation of cloud computing providers using fuzzy multiatribute, 2016, International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, art. no. 7381928, pp. 1-6., **@2016**
- 1022.** Zhang, Z., Several New Interval-Valued Intuitionistic Fuzzy Hamacher Hybrid Operators and Their Applications, 2016, International Journal of Fuzzy Systems, 18, 5, pp. 829-848., **@2016**
- 1023.** Gu, S., Hua, J., Lv, T., Evaluation of customer satisfaction of "door-to-Door" whole-process logistics information, 2016, Journal of Intelligent and Fuzzy Systems, 30, 4, pp. 2487-2495., **@2016**
- 1024.** Zhang, Z.-H., Hu, Y., Chen, Z., Yuan, S., Xiao, K.-X., Some weighted ranking operators with interval-valued intuitionistic fuzzy sets and its application to outsourced software project risk assessment, 2016, Lecture Notes in Computer Science, including subseries Lecture Notes in Bioinformatics, 9920 LNAI, pp. 386-395., **@2016**
- 1025.** Zhang, Z.-H., Li, Z.-J., Chen, X.-X., Qu, G.-H., Hu, Y., Xu, J.-H., Ma, C., A novel weighted average intuitionistic fuzzy sets and its application to outsourced software project risk assessment, 2016, Advances in Intelligent Systems and Computing, 443, pp. 273-284., **@2016**
- 1026.** Guo, K., Knowledge measure for Atanassov's intuitionistic fuzzy sets, 2016, IEEE Transactions on Fuzzy Systems, 24, 6, pp. 1068-1078., **@2016**
- 1027.** Gupta, P., Lin, C.-T., Mehlawat, M.K., Grover, N., A New Method for Intuitionistic Fuzzy Multiattribute Decision Making, 2016, International Journal of Machine Learning and Cybernetics: Systems, 46, 9, art. no. 7287778, pp. 1167-1179., **@2016**
- 1028.** Zhang, Z.-H., Qu, G.-H., Xiao, K.-X., Hu, Y., Li, Z.-J., Chen, X.-X., Xu, J.-H., Ma, C., Some novel dynamic weighted ranking operators with interval-valued intuitionistic fuzzy sets and its application to outsourced software project risk, 2016, Advances in Intelligent Systems and Computing, 443, pp. 273-284., **@2016**
- 1029.** Zhao, H., Xu, Z., Cui, F., Generalized Hesitant Fuzzy Harmonic Mean Operators and Their Applications, 2016, International Journal of Fuzzy Systems, 18, 4, pp. 685-696., **@2016**
- 1030.** Zhao, H., Xu, Z., Intuitionistic fuzzy multi-attribute decision making with ideal-point-based method and its applications, 2016, International Journal of Machine Learning and Cybernetics, 7, 3, pp. 747-757., **@2016**

- 1031.** Zhao, H., Xu, Z., Yao, Z., Interval-Valued Intuitionistic Fuzzy Derivative and Differential Operational Intelligence Systems, 9, 1, pp. 36-56., **@2016**
- 1032.** Zhao, N., Xu, Z., Entropy Measures for Interval-Valued Intuitionistic Fuzzy Information from a Comparative Making, 2016, Informatica, Netherlands, 27, 1, pp. 203-229., **@2016**
- 1033.** Hajiagha, S.H.R., Hashemi, S.S., Mohammadi, Y., Zavadskas, E.K., Fuzzy belief structure based VIKOR of Tehran metro system by FMEA criteria, 2016, Transport, 31, 1, pp. 108-118., **@2016**
- 1034.** Zhao, T., Wei, Z., On characterization of rough type-2 fuzzy sets, 2016, Mathematical Problems in Engineering, 2016, art. no. 753205., **@2016**
- 1035.** Zhou, L., Jin, F., Chen, H., Liu, J., Continuous intuitionistic fuzzy ordered weighted distance measure and its application, 2016, Technological and Economic Development of Economy, 22, 1, pp. 75-99., **@2016**
- 1036.** Hashemi, S.S., Hajiagha, S.H.R., Zavadskas, E.K., Mahdiraji, H.A., Multicriteria group decision making based on interval-valued intuitionistic fuzzy information, 2016, Applied Mathematical Modelling, 40, 2, pp. 1554-1564., **@2016**
- 1037.** Zhou, L., On Atanassov's Intuitionistic Fuzzy Sets in the Complex Plane and the Field of Intuitionistic Fuzzy Sets, 24 (2), art. no. 7150401, pp. 253-259., **@2016**
- 1038.** He, L., Pei, A., Cloud Computing Products Selection Based on Shapley Value Weighted Correlation Coefficient Method, 2016, Proceedings of the International Conference on Computer Science and Mechanical Automation, CSMA 2015, art. no. 737161., **@2016**
- 1039.** Zhu, B., Xu, Z., Extended hesitant fuzzy sets, 2016, Technological and Economic Development of Economy, 22, 1, pp. 75-99., **@2016**
- 1040.** He, X., Wu, Y., Yu, D., Intuitionistic fuzzy multi-criteria decision making with application to job hunting, 2016, Journal of Intelligent and Fuzzy Systems, 30, 4, pp. 1935-1946., **@2016**
- 1041.** Hu, B.Q., Three-way decision spaces based on partially ordered sets and three-way decisions based on interval-valued intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 91, pp. 16-31., **@2016**
- 1042.** Huang, X., Dai, W., Du, B., Resource-constrained project scheduling problem for large complex equipment assembly line balancing based on a hybrid genetic algorithm and interval-valued intuitionistic fuzzy sets, 2016, Academic Journal of Manufacturing Engineering, 14, 1, pp. 1-6., **@2016**
- 1043.** Huang, X., Guo, L., Li, J., Yu, Y., Algorithm for Target Recognition Based on Interval-Valued Intuitionistic Fuzzy Sets, 2016, Mathematical Problems in Engineering, 2016, art. no. 3408191., **@2016**
- 1044.** Jamkhaneh, E.B., New operations over generalized interval valued intuitionistic fuzzy sets, 2016, General Mathematics, 24, 4, pp. 667-674., **@2016**
- 1045.** Jin, F., Ni, Z., Chen, H., Interval-valued hesitant fuzzy Einstein prioritized aggregation operators and their applications in decision making, 2016, Soft Computing, 20, 5, pp. 1863-1878., **@2016**
- 1046.** Jin, F., Ni, Z., Chen, H., Li, Y., Zhou, L., Multiple attribute group decision making based on interval-valued intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 34, 1, pp. 103-115., **@2016**
- 1047.** John Robinson, P., Multiple attribute group decision analysis for intuitionistic triangular and trapezoidal fuzzy numbers, 2016, Journal of Intelligent and Fuzzy System Applications, 5, 3, pp. 42-76., **@2016**
- 1048.** Joshi, B.P., Interval-valued intuitionistic fuzzy sets based method for multiple criteria decision-making, 2016, Journal of Intelligent and Fuzzy System Applications, 5, 4, pp. 192-210., **@2016**
- 1049.** Joshi, D., Kumar, S., Interval-valued intuitionistic hesitant fuzzy Choquet integral based TOPSIS method, 2016, European Journal of Operational Research, 248, 1, pp. 183-191., **@2016**
- 1050.** Kahraman, C., Öztayş, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of Intuitionistic Fuzzy Decision Making, 2016, Journal of Computational Intelligence Systems, 9, pp. 3-24., **@2016**
- 1051.** Kan, S., Guo, F., Li, S., An approach to evaluating the knowledge management performance with intuitionistic fuzzy sets, 2016, Journal of Intelligent and Fuzzy Systems, 30, 3, pp. 1557-1565., **@2016**
- 1052.** Lakshmana Gomathi Nayagam, V., Jeevaraj, S., Dhanasekaran, P., A linear ordering on the class of Trapezoidal Intuitionistic Fuzzy Numbers, 2016, Journal of Intelligent and Fuzzy Systems with Applications, 60, pp. 269-279., **@2016**

- 1053.** Lakshmana Gomathi Nayagam, V., Jeevaraj, S., Geetha, S. Total ordering for intuitionistic fuzzy numbers based on interval-valued intuitionistic fuzzy sets. *Journal of Intelligent Systems*, 25, 2, pp. 239-250., **@2016**
- 1054.** Li, M., Wu, C., A Distance Model of Intuitionistic Fuzzy Cross Entropy to Solve Preference Problems. *Journal of Intelligent Systems*, 25, 2, pp. 239-250., **@2016**
- 1055.** Li, W.-W., Wu, C., A multicriteria interval-valued intuitionistic fuzzy set TOPSIS decision-making approach. *Journal of Intelligent Systems*, 25, 2, pp. 239-250., **@2016**
- 1056.** Li, Y., Liu, P., Chen, Y., Some Single Valued Neutrosophic Number Heronian Mean Operators and Their Application in Decision Making. *Journal of Intelligent Systems*, 25, 2, pp. 239-250., **@2016**
- 1057.** Abdullah, L., Najib, L., A new preference scale mcdm method based on interval-valued intuitionistic fuzzy sets. *Journal of Intelligent Systems*, 25, 2, pp. 239-250., **@2016**
- 1058.** Liu, B., Luo, M.-X., Multicriteria decision making based on interval-valued intuitionistic fuzzy sets with application in Intelligent Systems and Computing, 510, pp. 477-486., **@2016**
- 1059.** Liu, B., Shen, Y., Mu, L., Chen, X., Chen, L., A new correlation measure of the intuitionistic fuzzy sets, 2, pp. 1019-1028., **@2016**
- 1060.** Liu, C.-H., Interval-valued intuitionistic, T, S-fuzzy LI-ideals in lattice implication algebras, 2016, *Advances in Intelligent Systems and Computing*, 337-347., **@2016**
- 1061.** Liu, P., Li, Y., Antuchevičienė, J., Multi-criteria decision-making method based on intuitionistic fuzzy sets. *Journal of Economic and Technological Development of Economy*, 22, 3, pp. 453-469., **@2016**
- 1062.** Liu, P., Special issue "Intuitionistic fuzzy theory and its application in economy, technology and management". *Journal of Economic and Technological Development of Economy*, 22, 3, pp. 327-335., **@2016**
- 1063.** Liu, P., Tang, G., Some power generalized aggregation operators based on the interval neutrosophic sets. *Journal of Intelligent and Fuzzy Systems*, 30, 5, pp. 2517-2528., **@2016**
- 1064.** Liu, P., Teng, F., An extended TODIM method for multiple attribute group decision-making based on interval neutrosophic sets. *Journal of Intelligent and Fuzzy Systems*, 30, 5, pp. 20-30., **@2016**
- 1065.** Liu, P., The Aggregation Operators Based on Archimedean t-Conorm and t-Norm for Single-Valued Neutrosophic Sets. *Journal of Intelligent and Fuzzy Systems*, 30, 5, pp. 849-863., **@2016**
- 14.** Atanassov, K. T.. More on intuitionistic fuzzy sets. *Fuzzy sets and systems*, 33, 1, Elsevier, 1989, 37-45. ISI IF: 0.425
- Llumupa ce ε:*
- 1066.** Garg, H., An integrated framework to analyze the performance of process industrial systems using a fuzzy logic based approach. *Journal of Intelligent and Fuzzy Systems Reference Library*, 97, pp. 141-177., **@2016**
- 1067.** Gu, S., Hua, J., Lv, T., Evaluation of customer satisfaction of "door-to-Door" whole-process logistics information. *Journal of Intelligent and Fuzzy Systems*, 30, 4, pp. 2487-2495., **@2016**
- 1068.** Guo, K., Knowledge measure for Atanassov's intuitionistic fuzzy sets, 2016, *IEEE Transactions on Fuzzy Systems*, 24, 5, pp. 1070-1078., **@2016**
- 1069.** Homenda, W., Jastrzebska, A., Pedrycz, W., Multicriteria decision making inspired by human cognitive computation. *Journal of Intelligent and Fuzzy Systems*, 290, pp. 392-411., **@2016**
- 1070.** Huang, X., Dai, W., Du, B., Resource-constrained project scheduling problem for large complex engineering projects based on genetic algorithm and interval-valued intuitionistic fuzzy sets. *Journal of Intelligent and Fuzzy Systems*, 290, pp. 392-411., **@2016**
- 1071.** Intarapaiboon, P., A hierarchy-based similarity measure for intuitionistic fuzzy sets, 2016, *Soft Computing*, 20, 5, pp. 1863-1878., **@2016**
- 1072.** Jin, F., Ni, Z., Chen, H., Interval-valued hesitant fuzzy Einstein prioritized aggregation operators and their application in group decision making. *Journal of Intelligent and Fuzzy Systems*, 290, pp. 392-411., **@2016**
- 1073.** Jin, F., Ni, Z., Chen, H., Li, Y., Approaches to group decision making with intuitionistic fuzzy preference relations. *Journal of Intelligent and Fuzzy Systems*, 290, pp. 392-411., **@2016**

- 2016, Knowledge-Based Systems, 97, pp. 48-59., **@2016**
- 1074.** Jin, F., Ni, Z., Chen, H., Li, Y., Zhou, L., Multiple attribute group decision making based on interval-Computers and Industrial Engineering, 101, pp. 103-115., **@2016**
- 1075.** Robinson, J., Multiple attribute group decision analysis for intuitionistic triangular and trapezoidal fuzzy System Applications, 5, 3, pp. 42-76., **@2016**
- 1076.** Samir Dey. Studies om mathematical programming methods for structure with imprecise parameters. Ph.D. Engineering Science and Technology, Shibpur, India, 2016., **@2016**
- 1077.** Liu, P., Teng, F., Multiple criteria decision making method based on normal interval-valued intuitionistic Complexity, 21, 5, pp. 277-290., **@2016**
- 1078.** Liu, P., The Aggregation Operators Based on Archimedean t-Conorm and t-Norm for Single-Valued Decision Making, 2016, International Journal of Fuzzy Systems, 18, 5, pp. 849-863., **@2016**
- 1079.** Liu, P., Zhang, L., Liu, X., Wang, P., Multi-Valued Neutrosophic Number Bonferroni Mean Operators w/ Decision Making, 2016, International Journal of Information Technology and Decision Making, 15, 5, pp. 1535-1544., **@2016**
- 1080.** Liu, T., Wang, C., Li, X., Model for evaluating the management performance of the sport grounds with information, 2016, Journal of Intelligent and Fuzzy Systems, 31, 3, pp. 1535-1544., **@2016**
- 1081.** Milles, S., Rak, E., Zedam, L., Intuitionistic fuzzy complete lattices, 2016, Advances in Intelligent Systems and Computing, 404, pp. 360-373., **@2016**
- 1082.** Montes, I., Janiš, V., Pal, N.R., Montes, S., Local Divergences for Atanassov Intuitionistic Fuzzy Sets, art. no. 7161361, pp. 360-373., **@2016**
- 1083.** Nageswararao, B., Ramakrishna, N., Eswarlal, T., Translates of vague β -algebra, 2016, International Journal of Mathematics in Computer Science, 11, 4, pp. 989-1002., **@2016**
- 1084.** Peng, B., An approach to group decision making based on interval-valued intuitionistic fuzzy geometric mean, International Conference on Fuzzy Theory and Its Applications, Conference Digest, art. no. 7391901, pp. 1-5., **@2016**
- 1085.** Qayyum, M., Ashraf, S., Kerre, E.E., Measure of intuitionistic fuzzy inclusion, 2016, Comptes Rendus de l'Académie des Sciences - Paris, Série IIb, Mécanique, Physique, Chimie, Astronomie, 344, 9, pp. 973-982., **@2016**
- 1086.** Robinson, J.P., Contrasting correlation coefficient with distance measure in interval valued intuitionistic fuzzy sets, International Journal of Fuzzy System Applications, 5, 4, pp. 16-51., **@2016**
- 1087.** Kahraman, C., Öztayş, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of Interval-Valued Computational Intelligence Systems, 9, pp. 3-24., **@2016**
- 1088.** Sayyadi Tooranloo, H., Ayatollah, A.S., A model for failure mode and effects analysis based on interval-valued Computing Journal, 49, pp. 238-247., **@2016**
- 1089.** Kan, S., Guo, F., Li, S., An approach to evaluating the knowledge management performance with information, 2016, Journal of Intelligent and Fuzzy Systems, 30, 3, pp. 1557-1565., **@2016**
- 1090.** Shao, W., Shao, Y., Generalized soft intuitionistic fuzzy rough sets determined by a pair of intuitionistic fuzzy sets, International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015, art. no. 7381944, pp. 226-230., **@2016**
- 1091.** Shora, A.R., Alam, A., Biswas, R., Intuitionistic fuzzy multivalued dependency and intuitionistic fuzzy Systems and Computing, 404, pp. 393-404., **@2016**
- 1092.** Khan, A., Muhammad, N., On $(\in, \in \vee q)$ -intuitionistic fuzzy ideals of soft semigroups, 2016, International Journal of Fuzzy System Applications, 7, 4, pp. 553-562., **@2016**
- 1093.** Song, C., Guo, L., Wang, N., Ma, L., Availability optimization and allocation for repairable system, Proceedings of 2015 Prognostics and System Health Management Conference, PHM 2015, art. no. 738001, pp. 1-6., **@2016**
- 1094.** Thiagarasu, V., Umasankar, P., Mining correlation rules for multiple attribute group decision making model, Applied Engineering Research, 11, 16, pp. 8848-8857., **@2016**

1095. Khan, I., Aggarwal, A., Mehra, A., Solving I-fuzzy bi-matrix games with I-fuzzy goals by resolving indecisive situations, 3, pp. 204-222., **@2016**
1096. Wang, L., Pu, J., Research on the investment performance evaluation of corporate venture capital with intuitionistic fuzzy sets, Intelligent and Fuzzy Systems, 30, 3, pp. 1783-1790., **@2016**
1097. Li, Y., Liu, P., Chen, Y., Some Single Valued Neutrosophic Number Heronian Mean Operators and Their Application in Decision Making, 2016, Informatica, Netherlands, 27, 1, pp. 85-110., **@2016**
1098. Wang, Y.-J., Yu, S.-S., Model for evaluating the rural landscape design schemes with fuzzy numbers, Intelligent and Fuzzy Systems, 31, 3, pp. 1669-1678., **@2016**
1099. Liu, P., Tang, G., Some power generalized aggregation operators based on the interval neutrosophic sets, Journal of Intelligent and Fuzzy Systems, 30, 5, pp. 2517-2528., **@2016**
1100. Wei, C., Yan, F., Rodríguez, R.M., Entropy measures for hesitant fuzzy sets and their application in decision making, Intelligent and Fuzzy Systems, 31, 1, pp. 673-685., **@2016**
1101. Wei, G., Alsaad, F.E., Hayat, T., Alsaedi, A., Hesitant fuzzy linguistic arithmetic aggregation operators in decision making, Journal of Fuzzy Systems, 13, 4, pp. 1-16., **@2016**
1102. Wei, G., Interval valued hesitant fuzzy uncertain linguistic aggregation operators in multiple attribute group decision making, Machine Learning and Cybernetics, 7, 6, pp. 1093-1114., **@2016**
1103. Wei, Y.-R., Gao, L.-Q., Wang, C., Ha, M.-H., Distance measures for interval-valued intuitionistic hesitant fuzzy sets and Computing, 367, pp. 43-49., **@2016**
1104. Cheng, W. C. (2016). Application of Genetic Algorithm-Based Intuitionistic Fuzzy Neural Network to Medical Diagnosis in Emergency Room (Doctoral dissertation). National Taiwan University of Science and Technology. (Doctoral dissertation)
1105. Yadav, V.K., Gautam, V., Tiwari, S.P., On minimal realization of IF-languages: A categorical approach, International Journal of Machine Learning and Cybernetics, 7, 1, pp. 19-34., **@2016**
1106. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal of Intelligent and Fuzzy Systems, 33, 3, pp. 3663-3673., **@2016**
1107. Yu, M., Qi, X., Shen, G., Research on the supplier selection model of closed-loop logistics systems based on intuitionistic fuzzy sets, Intelligent and Fuzzy Systems, 30, 6, pp. 3431-3437., **@2016**
1108. Zhang, C.-L., Risk assessment of supply chain finance with intuitionistic fuzzy information, 2016, Journal of Intelligent and Fuzzy Systems, 33, 3, pp. 1967-1975., **@2016**
1109. Zhang, H.-Y., Yang, S.-Y., Yue, Z.-W., On inclusion measures of intuitionistic and interval-valued information in group decision making, 2016, International Journal of Machine Learning and Cybernetics, 7, 5, pp. 833-843.
1110. Zhao, Y.-D., Li, Z.-M., Zhang, X.-G., Models for software quality evaluation with fuzzy number theory, Intelligent and Fuzzy Systems, 31, 3, pp. 1977-1985., **@2016**
1111. Zhou, B., A new similarity measure of intuitionistic fuzzy sets considering abstention group influence, Journal of Intelligent and Fuzzy Systems, 25, 2, pp. 197-208., **@2016**
1112. Zhou, S., Hu, C., Xie, Y., Chang, W., Research on supply chain risk assessment with intuitionistic fuzzy sets, Intelligent and Fuzzy Systems, 30, 6, pp. 3367-3372., **@2016**
1113. Zhou, X., Zhao, R., Yu, F., Tian, H., Intuitionistic fuzzy entropy clustering algorithm for infrared image segmentation, Intelligent and Fuzzy Systems, 30, 3, pp. 1831-1840., **@2016**
1114. Zhu, L.-C., Research on the management performance evaluation of the sports sites with intuitionistic fuzzy sets, Intelligent and Fuzzy Systems, 31, 3, pp. 1377-1384., **@2016**
1115. Zou, L., Wen, X., Wang, Y., Linguistic truth-valued intuitionistic fuzzy reasoning with applications in decision making, International Journal of Machine Learning and Cybernetics, 7, 3, pp. 201-216., **@2016**

1116. Aggarwal, A., Khan, I., On solving Atanassov's I-fuzzy linear programming problems: some variants of the problem, 2016, IEEE Transactions on Fuzzy Systems, 24(2), pp. 375-389., **@2016**
1117. Aggarwal, M., Hanmandlu, M., Representing uncertainty with information sets, 2016, IEEE Transactions on Fuzzy Systems, 24(2), pp. 375-389., **@2016**
1118. Alcantud, J.C.R., A novel algorithm for fuzzy soft set based decision making from multiobserver inputs, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 142-148., **@2016**
1119. Alcantud, J.C.R., Fuzzy soft set decision making algorithms: Some clarifications and reinterpretations, 2016, Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics, 9868 LNAI, pp. 41-52.
1120. Beliakov, G., Averages on lattices, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 305-345., **@2016**
1121. Biswas, R., Is 'fuzzy theory' an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 339, pp. 65-78., **@2016**
1122. Bustince, H., Barrenechea, E., Pagola, M., Fernandez, J., Orduna, R., Montero, J., A survey of Atanassov's intuitionistic fuzzy sets, 2016, Studies in Fuzziness and Soft Computing, 339, pp. 65-78., **@2016**
1123. Cai, Y., Yu, J., Engineering geological environment comprehensive evaluation with intuitionistic fuzzy sets, 2016, Geomatics and Information Science of Chinese Universities, 30, 5, pp. 2705-2711., **@2016**
1124. Chen, S.-M., Chang, C.-H., Fuzzy multiattribute decision making based on transformation techniques of geometric averaging operators, 2016, Information Sciences, 352-353, pp. 133-149., **@2016**
1125. Chen, Y., Li, T., Intuitionistic uncertain linguistic information aggregation operators based on Choquet integral, 2016, Journal of Intelligent & Fuzzy Systems, 31, 5, pp. 842-852., **@2016**
1126. Cuong, B.C., Hai, P.V., Some Fuzzy Logic Operators for Picture Fuzzy Sets, 2016, Proceedings - 2015 International Conference on Knowledge and Systems Engineering, KSE 2015, art. no. 7371771, pp. 132-137., **@2016**
1127. Cuong, B.C., Ngan, R.T., Hai, B.D., An Involutive Picture Fuzzy Negator on Picture Fuzzy Sets and Some Applications, 2016, Proceedings - 2015 International Conference on Knowledge and Systems Engineering, KSE 2015, art. no. 7371770, pp. 138-145.
1128. Davvaz, B., Hassani Sadrabadi, E., An application of intuitionistic fuzzy sets in medicine, 2016, International Journal of Intelligent Systems, 31, 1, pp. 1650037., **@2016**
1129. Gandomi, A.H., Bajaj, R.K., Mathe, J., On Ranking in Triangular Intuitionistic Fuzzy Multi-criteria Decision Making Using Entropy, 2016, Proceedings - 2015 5th International Conference on Advances in Computing and Combinatorial Optimization, 7433778, pp. 69-74., **@2016**
1130. Garg, H., A New Generalized Pythagorean Fuzzy Information Aggregation Using Einstein Operations, 2016, International Journal of Intelligent Systems, 31, 9, pp. 886-920., **@2016**
1131. Garg, H., A novel accuracy function under interval-valued Pythagorean fuzzy environment for solving multi-criteria decision making problems, 2016, International Journal of Intelligent Systems, 31, 1, pp. 529-540., **@2016**
15. Enoka R.M., Robinson G.A., **Kossev A.R.**. Task and fatigue effects on low-threshold motor units in healthy subjects, 2016, Journal of Electromyography and Kinesiology, 31, pp. 1344-1359. ISSN:00223077, ISI IF:3.874

Литература:

1132. Mota JA (2016) Motor unit interpulse interval distribution and variability during fatigue in younger and older adults. (Thesis), **@2016**
1133. Stock MS, Thompson BJ (2016) Motor Control, 20(1): 70-86., **@2016**
1134. Aeling T (2016) Electromyography study of muscle fatigue during isometric exercises in swimmers and non-swimmers. (Thesis). Digital Scholar, Dissertations and Capstones. Paper 1004 (Thesis) <http://mds.marshall.edu/etd/1004/>, **@2016**
1135. Dideriksen JL, Holobar A, Falla D (2016) J. Neurophysiol., 116(2):611-618., **@2016**

- 1136.** Contessa P, De Luca CJ, Joshua C. Kline JC (2016) J. Neurophysiol., 116: 1579–1585., **@2016**
- 16.** **Tomov, T. C., Tsoneva, I. C.** Changes in the surface charge of cells induced by electrical pulses. 276, ISSN:ISSN: 1567-5394, 127-133. ISI IF:4.172
- Цитира се в:*
- 1137.** Rosazza, C., Meglic, S.H., Zumbusch, A., Rols, M.-P., Miklavcic, D. Gene electrotransfer: A mechanism of gene delivery. Gene Therapy, **@2016**
- 17.** Hinkovska-Galcheva Vania, **Petkova Diana**, Koumanov Kamen. Changes in the phospholipid composition and membrane fluidity of sperm membranes after cryopreservation. Cryobiology, 26, 1, 1989, DOI:doi:10.1016/0011-2240(89)90034-5, 70-75. ISI IF:1.112
- Цитира се в:*
- 1138.** B. Ustunera, , , S. Alcaya, M. Tokera, Z. Nura, E. Gokcea, F. Ak Sonath, Z. Gulc, M. Dumand, C. Ceniz, A. Yilmaz, S. Yilmaz. Effect of green tea (Camellia sinensis) on the post-thaw quality of ram semen cryopreserved in a soybean lecithin-based extender. Animal Reproduction Science v. 164, 2016, 97–104, **@2016**
- 1139.** S.S. Layek, T.K. Mohanty, A. Kumaresan, J.E. Parks. Cryopreservation of bull semen: Evolution from embryo to sperm. Animal Reproduction Science, V. 172, 2016, 1–9., **@2016**
- 1140.** . J. A. Long , J. Liu. The Relationship Between Sperm Function and Diet: Toms are What They Eat. *Journal of Andrology*, 17(1), 2016, 1–10., **@2016**
- 1141.** M. Mehdipour, H. Kia, A.r Najafi, H. Dodaran, O. García-Álvarez. Effect of green tea (Camellia sinensis) on the post-thawing quality of ram semen cryopreserved in a soybean lecithin-based extender. Cryobiology, Available online 2016, **@2016**
- 1142.** RJ Garrison - Incorporation of phosphatidylcholine in a media composition. US Patent App. 15/070, 005, 2016, **@2016**

1990

- 18.** **Atanassov, Krassimir**, Gargov, Georgi. Intuitionistic fuzzy logic. Comptes Rendus de l'Academie bulgare des Sciences, 43(10), 1990, 1031-1034. ISI IF:0.202
- Цитира се в:*
- 1143.** Baccour, L., Alimi, A. M., & John, R. I. (2016). Intuitionistic fuzzy similarity measures and their role in decision making. Journal of Intelligent & Fuzzy Systems, 30(1), 221-237., **@2016**
- 1144.** Padder, R. A., & Murugadas, P. (2016). CONVERGENCE OF POWERS OF CONTROLLABLE INTEGRAL OPERATORS ON FUZZY SETS. Journal on Soft Computing, 7(1), 1332-1337., **@2016**
- 1145.** Park, J. H., Hwang, J., Kim, J., Park, B., Park, J., Son, J., & Lee, S. (2016). Similarity measure based on intuitionistic fuzzy sets and its application to pattern recognition. Journal of Computational Analysis & Applications, 20(1), 984-994., **@2016**
- 19.** **Stepanova DI**. Conduction along myelinated and demyelinated nerve fibres with a reorganized axon membrane. Biol Cybern, 64, Springer Link, 1990, ISSN:0340-1200, 129-134. ISI IF:1.713
- Цитира се в:*
- 1146.** Alizadeh A, Kerimi-Abdolrezee S. : Microenvironmental regulation of oligodendrocyte replacement. Journal of Physiology, 594(13): 3539-3552, **@2016**

1991

- 20.** **Atanassov, Krassimir**. Temporal intuitionistic fuzzy sets. Comptes Rendus de l'Academie bulgare des Sciences, 44(10), 1991, 1031-1034. ISI IF:0.202

Цитира се:

1147. Kutlu, Fatih, A. A. Ramadan, Tunay Bilgin (2016) On compactness in temporal intuitionistic fuzzy Šč Volume 22, 2016, Number 5, pages 46—62., **@2016**
21. Atanassov, K. T.. Generalized nets. World Scientific, 1991
- Цитира се:
1148. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.
22. Busheva, M., Garab, G., Liker, E., Toth, M., Szell, M., Nagy, F.. Diurnal fluctuations in the content and function a/b complex in thylakoid membranes: Correlation with the diurnal rhythm of the mRNA level. Plant Physiology ISSN:1532-2548, DOI:<http://dx.doi.org/10.1104/pp.95.4.997>, 997-1003. ISI IF:6.451
- Цитира се:
1149. Holtzegel U., The Lhc family of Arabidopsis thaliana, Endocytobiosis and Cell Research (2016), 27(2), p
-
- 1992
23. Maslenkova L., Miteva T., Popova L.. Changes in the Polypeptide Patterns of Barley Seedlings Exposed to Jasmonic Acid. American Society of Plant Biologists (United States), 1992, ISSN:1532-2548 (web), 700-707. ISI IF:6.125
- Цитира се:
1150. Reyes-Díaz, M., Ulloa-Inostroza, E. M., González-Villagra, J., Ivanov, A. G., & Kurepin, L. V. (2016). Influence of Jasmonic Acid on Plant Hormones under Challenging Environmental Factors (pp. 133-155). Springer Netherlands., **@2016**
24. Dengler R., Kossev A., Wohlfahrt K., Schubert M., Elek J., Wolf W.. F waves and motor unit size.. Muscle & Nerve, 1992, 15(1), 1-6. ISI IF:1.067
- Цитира се:
1151. Li X., Fisher M., Rymer WZ, Zhou P (2016) IEEE Trans.Neural Syst. & Rehabil. Eng., Article number 7400202
1152. Zheng C, Zhu Y, Yang S, Lu F, Jin X, Weber R, Jianyuan Jiang J (2016) A study of dynamic F-waves in the upper extremity (Hirayama disease). Journal of the Neurological Sciences, 367: 298–304., **@2016**
25. Christov I, Dotsinsky I, Daskalov I. High-pass filtering of ECG signals using QRS elimination. medical & biological engineering and computing, 1992, 25(3), 251-256. SJR:2.02, ISI IF:1.72
- Цитира се:
1153. Cuomo S, De Pietro G, Farina R, Galletti A, Sannino G (2016) A revised scheme for real time ECG signal processing. Biomedical Signal Processing and Control, 27, pp. 134-144., **@2016**
1154. Djermanova N, Marinov M., Ganev B, Tabakov S, Nikolov G (2016) LabVIEW based ECG signal acquisition system. In: Proceedings of the International Conference on Recent Trends in Electrical Engineering and Applications, Sept, Sozopol, **@2016**
26. Raikova , R.. A general approach for modelling and mathematical investigation of the human upper limb. Journal of Biomechanics, 1992, 25(10), 971-978. ISI IF:2.784
- Цитира се:
1155. Hooshang Hemami, Behzad Darius (2016) Neural and Spinal Modules in Implementation of a Spinal Cord Injury Rehabilitation System. In: Proceedings of the International Conference on Recent Trends in Electrical Engineering and Applications, 2016, 9, 326-345 Published Online July 2016 in SciRes., **@2016**

1156. Sarah Gebai, Mohamad Hammoud, and Hassan Khachfe. Using a Dual Vibration Absorber to Suppress Vibration of a Vehicle. In: The Fifth International Conference on Global Health, 2016. file:///C:/Users/Rosi/Downloads/global_health_2016_3_10_70019.pdf, @2016
1157. Myroslav Bachynskyi, Biomechanical Models for Human-Computer Interaction, Dissertation, Ingenieurwissenschaften (Dr.-Ing.) der Fakultät für Mathematik und Informatik der Universität des Saarlandes, 2016.
1158. Tauseef Gulrez, Alessandro Tognetti, , Woon Jong Yoon, Manolya Kavaklı, John-John Cabibihan. A Human-powered wheelchairs. International Journal of Advanced Robotic Systems, 2016, 13:49 | doi: 10.5772/62200

1993

27. **Maslenkova LT.**, Zanev Yu, Popova LP. Adaptation to salinity as monitored by PSII oxygen evolving reaction. In: Salinity Stress in Plants. Elsevier, 1993, 142, 5, Elsevier GmbH, 1993, ISSN:0721-7595, 629-634. ISI IF:2.971
- Цитата:
1159. Chen, Z., Zou, Y., Wang, J., Li, M., & Wen, Y. (2016). Phytotoxicity of chiral herbicide bromacil: Effects on *Artemesia annua* L. and *Thlaspi arvense* L. Science of the Total Environment, 548, 139-147., @2016
1160. Fan, G., Wang, L., Deng, M., Zhao, Z., Dong, Y., Zhang, X., & Li, Y. (2016). Changes in Transcript Response of *Artemesia annua* L. under Salt Stress. Frontiers in plant science, 7., @2016
28. **Atanassov, K. T.**, Georgiev, C.. Intuitionistic fuzzy Prolog. Fuzzy Sets and Systems, 53, 2, Elsevier, 1993, 121-133.
- Цитата:
1161. Samir Dey. Studies on mathematical programming methods for structures with imprecise parameters. Ph.D. Thesis, Department of Civil Engineering, Jadavpur University, Shibpur, India, 2016., @2016
29. Hadjiyski, L., **Atanassov, K.**. Intuitionistic fuzzy model of a neural network. BUSEFAL, 54, 1993, 36-39
- Цитата:
1162. Zhao, J., Lin, L. Y., & Lin, C. M. (2016). A General Fuzzy Cerebellar Model Neural Network Multidimensional Model for Medical Identification. Computational intelligence and neuroscience, Vol. 2016, Article ID 8073279, 10 pages. http://dx.doi.org/10.1155/2016/8073279, @2016
30. **Atanassov, K. T.**. Applications of generalized nets. World Scientific, Singapore, 1993
- Цитата:
1163. Stefanova-Pavlova, M., Andonov, V., Tasheva, V., Gateva, A., & Stefanova, E. (2016). Generalized Net Model for Monitoring of People with Diabetes. In Imprecision and Uncertainty in Information Representation and Processing. Springer Publishing., @2016

1994

31. Salama, S., Trivedi, S., **Busheva, M.**, Arafa, A., Garab, G., Erdei, L.. Effect of NaCl Salinity on Growth, Cation Content and Yield of Wheat Cultivars Differing in Salt Tolerance. J. Plant Physiology, 144, 2, 1994, ISSN:0176-1617, DOI:10.1016/0176-1617(94)80002-7
- Цитата:
1164. Abd Elgawad H., G. Zinta, M. M. Hegab, R. Pandey, H. Asard, W. Abuelsoud, High Salinity Induces Diabetogenic Changes in Maize Seedlings Organs, Frontiers in Plant Science 7(580), March 2016, DOI: 10.3389/fpls.2016.00270

1165. E. Y. Bsoul, S. Jaradat, S. Al-KofahiP, A. A. Al-Hammouri, R. Alkhatib, Growth, Water Relation and P under Different Salinity Levels, Jordan Journal of Biological Sciences Vol. 9, No 2, pp 123 – 130, 2016,

1166. F. Bejaoui , J.J. Salas, I. Nouairi, A. Smaoui, C. Abdelly, E. Martínez-Force, N. B. Youssef, Char ultrastructure in Sulla carnosa and Sulla coronaria leaves under salt stress. J. Plant Physiology 198, 32-38

32. Atanassov, K. T.. New operations defined over the intuitionistic fuzzy sets. Fuzzy sets and Systems, 61, 2, Elsevier

Illumupa ce ε:

1167. Biswas, R. (2016). Is ‘Fuzzy Theory’ an Appropriate Tool for Large Size Problems?. In Is ‘Fuzzy Theory’ an Appropriate Tool for Large Size Problems? (pp. 1-61). Springer International Publishing., @2016

1168. Rasuli, Rasul (2016) Norms over intuitionistic fuzzy subrings and ideals of a ring. Notes on Intuitionistic Fuzzy Sets, 22 (2), pp. 46—62., @2016

1169. Veerammal, P., M. Palanivelrajan, (2016) An introduction to intuitionistic L-fuzzy semi-primary ideals. Notes on Intuitionistic Fuzzy Sets, 22 (2), pp. 84—97., @2016

1170. Abdullah, S., Aslam, M., Hila, K., Interval valued intuitionistic fuzzy sets in Γ -semihypergroups, 2016, Cybernetics, 7 (2), pp. 217-228., @2016

1171. Aggarwal, A., Khan, I., On solving Atanassov’s I-fuzzy linear programming problems: some variants of the simplex method. Studies in Fuzziness and Soft Computing, 329, pp. 375-389., @2016

1172. An IVIF-ELECTRE outranking method for multiple criteria decision-making with interval-valued intuitionistic fuzzy sets. Studies in Fuzziness and Soft Computing, 329, pp. 416-452., @2016

1173. Arefi, M., Clustering regression based on interval-valued fuzzy outputs and interval-valued fuzzy patterns. Studies in Fuzziness and Soft Computing, 329, pp. 1339-1351., @2016

1174. Beliakov, G., Averages on lattices, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 305-345., @2016

1175. Biswas, R., Is ‘fuzzy theory’ an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 329, pp. 118., @2016

1176. Chen, S.-M., Chang, C.-H., Fuzzy multiattribute decision making based on transformation techniques of geometric averaging operators, 2016, Information Sciences, 352-353, pp. 133-149., @2016

1177. Cuong, B.C., Hai, P.V., Some Fuzzy Logic Operators for Picture Fuzzy Sets, 2016, Proceedings - 2015 IEEE International Conference on Knowledge and Systems Engineering, KSE 2015, art. no. 7371771, pp. 132-137., @2016

1178. Cuong, B.C., Ngan, R.T., Hai, B.D., An Involutive Picture Fuzzy Negator on Picture Fuzzy Sets and Some Applications, 2016, Proceedings - 2015 IEEE International Conference on Knowledge and Systems Engineering, KSE 2015, art. no. 7371770, pp. 138-142.

1179. Davvaz, B., Hassani Sadrabadi, E., An application of intuitionistic fuzzy sets in medicine, 2016, International Journal of Intelligent Systems, 31 (1), pp. 1650037., @2016

1180. Dymova, L., Sevastjanov, P., The operations on interval-valued intuitionistic fuzzy values in the framework of information systems. Information Sciences, 360, pp. 256-272., @2016

1181. Guo, K., Knowledge measure for Atanassov's intuitionistic fuzzy sets, 2016, IEEE Transactions on Fuzzy Systems, 24 (4), pp. 1078., @2016

1182. He, Y., He, Z., Deng, Y., Zhou, P., IFPBMs and their application to multiple attribute group decision making. IEEE Transactions on Fuzzy Systems, 24 (4), pp. 127-147., @2016

1183. He, Y., He, Z., Extensions of Atanassov's Intuitionistic Fuzzy Interaction Bonferroni Means and Their Application to Multiple Attribute Group Decision Making, 2016, IEEE Transactions on Fuzzy Systems, 24 (3), art. no. 7166323, pp. 558-573., @2016

1184. He, Y., He, Z., Shi, L., Meng, S., Multiple attribute group decision making based on IVHFPBMs and their applications. Computers and Industrial Engineering, 99, pp. 63-77., @2016

1185. He, Y., He, Z., Shi, L., Multiple Attributes Decision Making Based on Scaled Prioritized Intuitionistic Fuzzy Sets, International Journal of Fuzzy Systems, 18 (5), pp. 924-938., **@2016**
1186. Hwang, C.-M., Yang, M.-S., Belief and Plausibility Functions on Intuitionistic Fuzzy Sets, 2016, International Journal of Fuzzy Systems, 17 (3), pp. 556-568., **@2016**
1187. Jamkhaneh, E.B., New operations over generalized interval valued intuitionistic fuzzy sets, 2016, General Mathematics, 24 (6), pp. 674., **@2016**
1188. Kahraman, C., Öztayş, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of Intuitionistic Fuzzy Set Theory and Applications, International Journal of Computational Intelligence Systems, 9, pp. 3-24., **@2016**
1189. Khan, A., Muhammad, N., On $(\in, \in \vee q)$ -intuitionistic fuzzy ideals of soft semigroups, 2016, International Journal of Fuzzy Logic and Intelligent Systems, 7 (4), pp. 553-562., **@2016**
1190. Khan, I., Aggarwal, A., Mehra, A., Solving I-fuzzy bi-matrix games with I-fuzzy goals by resolving independence, International Journal of Fuzzy Logic and Intelligent Systems, 16 (3), pp. 204-222., **@2016**
1191. Khan, N.M., Khan, M.A., Ordered semigroups characterized in terms of intuitionistic fuzzy ideals, International Journal of Fuzzy Logic and Intelligent Systems, 16 (3), pp. 397-420., **@2016**
1192. Lee, S., Man, K.L., Lim, E.G., Leach, M., Data analysis with fuzzy measure on intuitionistic fuzzy sets, International Journal of Fuzzy Logic and Intelligent Systems, 16 (2), pp. 674-678., **@2016**
1193. Li, M., Wu, C., A Distance Model of Intuitionistic Fuzzy Cross Entropy to Solve Preference Problems, International Journal of Fuzzy Logic and Intelligent Systems, 16 (2), pp. 121-130., **@2016**
1194. Li, W.-W., Wu, C., A multicriteria interval-valued intuitionistic fuzzy set TOPSIS decision-making approach, International Journal of Intelligent Systems, 25 (2), pp. 239-250., **@2016**
1195. Mohammed, F.M., Noorani, M.S.M., Ghareeb, A., Several notions of generalized semi-compactness in d-intuitionistic topological spaces, International Journal of Pure and Applied Mathematics, 109 (2), pp. 153-175., **@2016**
1196. Montes, I., Janiš, V., Pal, N.R., Montes, S., Local Divergences for Atanassov Intuitionistic Fuzzy Sets, International Journal of Fuzzy Logic and Intelligent Systems, 16 (2), pp. 360-373., **@2016**
1197. Mousavi, S.M., Vahdani, B., Cross-docking Location Selection in Distribution Systems: A New Intuitionistic Fuzzy Model, International Journal of Computational Intelligence Systems, 9 (1), pp. 91-109., **@2016**
1198. Mousavi, S.M., Vahdani, B., Sadigh Behzadi, S., Designing a model of intuitionistic fuzzy vikor in multi-criteria decision making problems, Iranian Journal of Fuzzy Systems, 13 (1), pp. 45-65., **@2016**
1199. Nguyen, H., A novel similarity/dissimilarity measure for intuitionistic fuzzy sets and its application in pattern recognition, International Journal of Approximate Reasoning, 45, pp. 97-107., **@2016**
1200. Ohlan, A., Intuitionistic fuzzy exponential divergence: Application in multi-attribute decision making, International Journal of Fuzzy Logic and Intelligent Systems, 16 (3), pp. 1519-1530., **@2016**
1201. Peng, J.-J., Wang, J.-Q., Wang, J., Zhang, H.-Y., Chen, X.-H., Simplified neutrosophic sets and their applications in decision making problems, International Journal of Systems Science, 47 (10), pp. 2342-2358., **@2016**
1202. Piegat, A., Landowski, M., Aggregation of inconsistent expert opinions with use of horizontal intuitionistic fuzzy sets, International Journal of Intelligent Systems and Computing, 401, pp. 215-223., **@2016**
1203. Rahman, S., On cuts of Atanassov's intuitionistic fuzzy sets with respect to fuzzy connectives, International Journal of Fuzzy Logic and Intelligent Systems, 16 (3), pp. 1519-1530., **@2016**
1204. Tan, C., Chen, X., Generalized archimedean intuitionistic fuzzy averaging aggregation operators and their applications in decision making problems, International Journal of Information Technology and Decision Making, 15 (2), pp. 311-352., **@2016**
1205. Wu, Y., Zhang, J., Yuan, J., Geng, S., Zhang, H., Study of decision framework of offshore wind power generation in an intuitionistic fuzzy environment: A case of China, 2016, Energy Conversion and Management, 113, pp. 60-71., **@2016**
1206. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal of Intelligent Fuzzy Systems, 31 (3), pp. 1351-1360., **@2016**

1207. Zhou, B., , A new similarity measure of intuitionistic fuzzy sets considering abstention group influence. Systems, 25 (2), pp. 197-208., @2016
33. Atanassov, K. T.. Operators over interval valued intuitionistic fuzzy sets. Fuzzy sets and systems, 64, 2, 1994, 1-17.
- Lumupa ce 6:
1208. Abdullah, L., Najib, L., A new preference scale mcdm method based on interval-valued intuitionistic fuzzy sets. Soft Computing, 20 (2), pp. 511-523., @2016
1209. Bakshi, T., Sinharay, A., Sarkar, B., Sanyal, S.K., Introduction to soft-set theoretic solution of project selection problems. Journal of Industrial and Production Engineering, 33 (1), pp. 1643-1657., @2016
1210. Biswas, R., Is 'fuzzy theory' an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 318., @2016
1211. Bo, J., Wang, Y., Liu, M., The assessment of cloud computing service under intuitionistic fuzzy environment. Journal of Intelligent and Fuzzy Systems, 31 (1), pp. 613-618., @2016
1212. Cheng, H., Tang, J., Interval-valued intuitionistic fuzzy multi-criteria decision making based on the generalized TOPSIS method. Journal of Industrial and Production Engineering, 33 (1), pp. 1-16., @2016
1213. Dülenci, M., A new distance measure for interval valued intuitionistic fuzzy sets and its application to multi-criteria decision making problem. Applied Soft Computing Journal, 41, pp. 120-134., @2016
1214. Dymova, L., Sevastjanov, P., The operations on interval-valued intuitionistic fuzzy values in the framework of interval type-2 fuzzy sets. Fuzzy Sets and Systems, 360, pp. 256-272., @2016
1215. Gu, S., Hua, J., Lv, T., Evaluation of customer satisfaction of "door-to-Door" whole-process logistics based on interval-valued intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 30 (4), pp. 2487-2495., @2016
1216. Huang, X., Dai, W., Du, B., Resource-constrained project scheduling problem for large complex equipment. Academic Journal of Manufacturing Engineering, 14 (1), pp. 1-6., @2016
1217. John Robinson, P., Multiple attribute group decision analysis for intuitionistic triangular and trapezoidal fuzzy numbers. Fuzzy System Applications, 5 (3), pp. 42-76., @2016
1218. Joshi, B.P., Interval-valued intuitionistic fuzzy sets based method for multiple criteria decision-making. Fuzzy System Applications, 5 (4), pp. 192-210., @2016
1219. Kahraman, C., Öztayş, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of Intuitionistic Fuzzy Set Theory. Computational Intelligence Systems, 9, pp. 3-24., @2016
1220. Kan, S., Guo, F., Li, S., An approach to evaluating the knowledge management performance with intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 30 (3), pp. 1557-1565., @2016
1221. Keikha, A., Nehi, h.M, Operations and ranking methods for intuitionistic fuzzy numbers, a review. Journal of Intelligent Systems and Applications, 8 (1), pp. 35-48., @2016
1222. Li, Y., Liu, P., Chen, Y., Some Single Valued Neutrosophic Number Heronian Mean Operators and Their Application in Decision Making. Informatica (Netherlands), 27 (1), pp. 85-110., @2016
1223. Liu, P., Li, Y., Antuchevičienė, J., Multi-criteria decision-making method based on intuitionistic trapezoidal fuzzy numbers. Technological and Economic Development of Economy, 22 (3), pp. 453-469., @2016
1224. Liu, P., Tang, G., Some power generalized aggregation operators based on the interval neutrosophic sets. Journal of Intelligent and Fuzzy Systems, 30 (5), pp. 2517-2528., @2016
1225. Liu, P., Teng, F., Multiple criteria decision making method based on normal interval-valued intuitionistic fuzzy sets. Journal of Intelligent and Fuzzy Systems, 30 (5), pp. 277-290., @2016

1226. Liu, P., The Aggregation Operators Based on Archimedean t-Conorm and t-Norm for Single-Value Decision Making, 2016, International Journal of Fuzzy Systems, 18 (5), pp. 849-863., **@2016**
1227. Liu, P., Wang, Y., Interval neutrosophic prioritized OWA operator and its application to multiple attribute Science and Complexity, 29 (3), pp. 681-697., **@2016**
1228. Liu, T., Wang, C., Li, X., Model for evaluating the management performance of the sport grounds with information, 2016, Journal of Intelligent and Fuzzy Systems, 31 (3), pp. 1535-1544., **@2016**
1229. Mao, J., Zhao, Y., Ma, C., A New Type of Compositive Information Entropy for IvIFS and Its Application, vol. 2016, art. no 7652540, 13 pages., **@2016**
1230. Robinson, J.P., Contrasting correlation coefficient with distance measure in interval valued intuitionistic International Journal of Fuzzy System Applications, 5 (4), pp. 16-51., **@2016**
1231. Şahin, R., Fuzzy multicriteria decision making method based on the improved accuracy function for interval Computing, 20 (7), pp. 2557-2563., **@2016**
1232. Shah, T., Razzaque, A., Rehman, I., Application of soft sets to non-associative rings, 2016, Journal of Mathematics, 2016, art. no 1546., **@2016**
1233. Sun, G., Xia, W.-L., Evaluation method for innovation capability and efficiency of high technology enterprises based on information, 2016, Journal of Intelligent and Fuzzy Systems, 31 (3), pp. 1419-1425., **@2016**
1234. Wan, J., Model for evaluating the design patterns of the Micro-Air vehicle under interval-valued intuitionistic International Journal of Intelligent and Fuzzy Systems, 30 (5), pp. 2963-2969., **@2016**
1235. Wang, Z., Chen, J., Lan, J., Multi-attribute decision making method based on intuitionistic uncertain theory, Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 36 (7), pp. 1871-1878., **@2016**
1236. Wei, Y.-R., Gao, L.-Q., Wang, C., Ha, M.-H., Distance measures for interval-valued intuitionistic hesitant sets and Computing, 367, pp. 43-49., **@2016**
1237. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal of Mathematics, 2016, art. no 3663., **@2016**
1238. Yumak, Y., Kaymakci, A.K., Soft idealization of a decomposition theorem, 2016, Filomat, 30 (3), pp. 743-750.
1239. Zhang, H.-Y., Yang, S.-Y., Yue, Z.-W., On inclusion measures of intuitionistic and interval-valued intuitionistic fuzzy sets and their applications in group decision making, 2016, International Journal of Machine Learning and Cybernetics, 7 (5), pp. 833-843.
1240. Zhang, S., Li, X., Meng, F., An approach to multi-criteria decision-making under interval-valued intuitionistic fuzzy environment, 2016, Journal of Industrial and Production Engineering, 33 (4), pp. 253-270., **@2016**
1241. Zhang, X., An Integrated Maximizing Consistency and Multi-Choice Goal Programming Approach for AHP-Based on Interval-Valued Intuitionistic Fuzzy Number, 2016, Informatica (Netherlands), 26 (4), pp. 705-720.
1242. Zhou, B., A new similarity measure of intuitionistic fuzzy sets considering abstention group influence, 2016, Journal of Intelligent and Fuzzy Systems, 25 (2), pp. 197-208., **@2016**
34. Atanassov, K. Index matrix representation of the intuitionistic fuzzy graphs. Fifth Scientific Session of the Ministry of Education and Science of Bulgaria, Sofia, Oct. 5, 1994, Preprint MRL-MFAIS-10-94, 1994, 36-41
- Izumupa ce възможност:
1243. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
35. Spassova M., Tsoneva, I., Petrov, A.G., Petkova, J.I., Neuma. Dip patch clamp currents suggest electrodiffusion across lipid bilayers. 52, 3, Biophysical Chemistry, 1994, ISSN:ISSN: 0301-4622, 267-274
- Izumupa ce възможност:

1244. J Cartwright, CHO Cell Genetic Instability: From Transfection to Stable Cell Line - 2016, **@2016**
1245. C Rosazza, S Haberl Meglic, A Zumbusch, Gene Electroporation: A Mechanistic Perspective ... - Current

36. Shannon, Anthony, **Atanassov, Krassimir**. A first step to a theory of the intuitionistic fuzzy graphs. Proc. of the (D. Lakov, Ed.), Sofia, Sept. 28- 30, 1994, 1994, 59-61

I lumupa ce ε:

1246. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**

1995

37. Popova LP, Stoinova ZG, **Maslenkova LT**. Involvement of abscisic acid in photosynthetic process in Hordeum Regul, 14, 4, Springer-Verlag New York Inc, 1995, ISSN:0721-7595, DOI:10.1007/BF00204914, 211-218. ISI

I lumupa ce ε:

1247. Cheng, D. D., Zhang, Z. S., Sun, X. B., Zhao, M., Sun, G. Y., & Chow, W. S. (2016). Photoinduced changes in the photosynthetic apparatus in tobacco leaves induced by pseudomonas syringae pv. Tabaci under light stress 1., **@2016**

1248. Wang, X., Gao, B., Liu, X., Dong, X., Zhang, Z., Fan, H., ... & Tu, P. (2016). Salinity stress induces the expression of novel classes of responsive genes involved in signal transduction in Aquilaria sinensis calli. BMC

1249. Hussain, M. I., Lyra, D. A., Farooq, M., Nikoloudakis, N., & Khalid, N. (2016). Salt and drought stress responses in rice. Journal of Agricultural Science and Crop Development, 36(1), 1-31., **@2016**

1250. Kamal, A. H. M., & Komatsu, S. (2016). Jasmonic acid induced protein response to biophoton emission. Journal of Proteomics, 133, 33-47., **@2016**

1251. HanumanthaRao, B., Nair, R. M., & Nayyar, H. (2016). Salinity and High Temperature Tolerance in Plants: Physiological Perspective. Frontiers in Plant Science, 7., **@2016**

1252. Feria, A. B., Bosch, N., Sánchez, A., Nieto-Ingelmo, A. I., de la Osa, C., Echevarría, C., ... & Monroy, J. (2016). PEPC and PEPC-kinase (PEPC-k) isoenzymes in Arabidopsis thaliana: role in control and abiotic stress responses. Journal of Biological Chemistry, 291(30), 18333-18344.

1253. Tang, X., Shao, H., & Ohshima, H. (2016). Physiological and Molecular Aspects of Mechanisms Involved in the Response of Yeast to Salt Stress. Journal of Biocolloid and Biointerface Science 2V Set, 870-884., **@2016**

1254. Karimi, R., Ershadi, A., Rezaei Nejad, A., & Khanizadeh, S. (2016). Abscisic acid alleviates the deleterious effects of salt stress on Vitis vinifera L. plants by improving the anti-oxidant activity and photosynthetic capacity of leaves. Journal of Biotechnology, 1-10., **@2016**

1255. Aparicio-Ayora, C. (2016). El olivo (Olea europaea L.) y el estrés salino. Importancia de los reguladores endógenos. Revista de Biología, 1-10.

38. Tsvetkova, N.M., **Apostolova, E.L.**, Brain, A.P.R., Williams, W.P., Quinn, P.J.. Factors influencing PS II activity in chloroplasts and the relationship of such arrays to the thermostability of PS II. Biochim. Biophys. Acta - Bioenergetics, 133, 1-10.

I lumupa ce ε:

1256. Zia A., Walker B., Oung H.M.O., Charuvi D., alus P., Farannt J.M, Reich Z., Kirchhoff H. Protection of the resurrection plant Craterostigma pumilum against salt stress in the resurrection plant Craterostigma pumilum, Plant Journal, 87 (6) 664-680., **@2016**

39. **Taneva, S.G., Dobrikova, A.**, Petkanchin, I.B., Goni, F.M.. Partial delipidation of purple membranes by *Acinetobacter* sp. Bioelectrochemistry and Bioenergetics, 38, 1, 1995, ISSN:0302-4598, DOI:10.1016/0302-4598(95)01829-4, 11-18.

I lumupa ce ε:

1257. Chan Siu-Kit (2016) Crystallographic Studies on Archaeal Light-driven Proton Pumps. Thesis, University, [@2016](#)

40. **Atanassov, K. T.**. Ideas for intuitionistic fuzzy equations, inequalities and optimization. Notes on Intuitionistic Fuzzy Equations, Inequalities and Optimization, 2016.

Цитата за:

1258. Samir Dey. Studies on mathematical programming methods for structure with imprecise parameters. PhD thesis, Department of Mathematics, Jadavpur University, Shibpur, India, 2016., [@2016](#)

1259. Samir Dey. Studies on mathematical programming methods for structure with imprecise parameters. PhD thesis, Department of Mathematics, Jadavpur University, Shibpur, India, 2016., [@2016](#)

41. **Atanassov, Krassimir**. Remark on a New Direction for a Generalization of the Fibonacci Sequence. The Fibonacci Quarterly, 34(1), 2016.

Цитата за:

1260. Suvarnamani, A., & Tatong, M. (2016). Multiplicative Pulsating 3-Fibonacci Sequence. Math Journal, 61(688), 15-25., [@2016](#)

1261. Bhatnagar, S., & Sikhwal, O. (2016). Additive Pulsating Fibonacci Sequences and Some Results. SCIENTIA MAGNA, 12(12), October 2016, 149-160, [@2016](#)

42. Koynova, R., Tenchov, B., **Todinova, S.**, Quinn, P.. Rapid reversible formation of a metastable subgel phase in the presence of a polymer. Journal of Polymer Science: Part B: Polymer Physics, 33(12), December 1995, 2370-2375. Elsevier, ISSN:0006-3495, DOI:10.1016/S0006-3495(95)80419-4, ISI IF:4.325

Цитата за:

1262. 1. Aoun B., Pellegrini E., Trapp M., Natali F., Cantù L., Brocca P., Gerelli Y., Demé B., Marek Kozlowski, J., & others. Monitoring drug-lipid membrane interactions via a molecular rototranslational motion analysis. Journal of Polymer Science: Part B: Polymer Physics, 39(4):48. doi: 10.1140/epje/i2016-16048-y., [@2016](#)

1263. 2. Xu Q., Zhao T., Sun Z., Monitoring drug-lipid membrane interactions via a molecular rototranslational motion analysis. Journal of Polymer Science: Part B: Polymer Physics, 54(10):1039-1049. doi: 10.1002/polb.23007.10.1039/c6an00721j, [@2016](#)

43. Peykov, V, Stoilov, S., Petkanchin, I., **Nikolova, B.**, Electric polarizability of *E. coli* studied by electrooptics. Journal of Electrostatics, 37(1-2), 1995, 1-10. Elsevier, ISSN:0304-3886, DOI:10.1016/0304-3886(95)80001-4, ISI IF:1.87

Цитата за:

1264. Blanckaert V., Salles A., Thomas M.L., Teissié J. Electroeradication of *Escherichia Coli* is Under the Control of the Membrane Potential. IFMBE Proceedings, 53, 367-371, 2016., [@2016](#)

44. **Atanassov, Krassimir**. On intuitionistic fuzzy graphs and intuitionistic fuzzy relations. Proceedings of the VI International Conference on Fuzzy Sets and Their Applications, 1995, 551-554

Цитата за:

1265. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., [@2016](#)

45. Shannon, Anthony, **Atanassov, Krassimir**. Intuitionistic fuzzy graphs from α -, β -, and (α, β) - levels. Notes on Intuitionistic Fuzzy Graphs, 1(1), 1992, 32-35

Цитата за:

1266. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., [@2016](#)

46. Kuncheva, L., **Atanassov, K.** An intuitionistic fuzzy RBF network. Proceedings of EUFIT'96, 1996, 2-5

Изумруда:

1267. Terziyska, Margarita, and Yancho Todorov. "Intuitionistic Neo-Fuzzy Network for modeling of nonlinear systems." In 2016 IEEE 8th International Conference on Fuzzy Systems (FUZZ-IEEE), pp. 616-621. IEEE, 2016., **@2016**

1268. Terziyska, M., & Todorov, Y. (2016, September). Intuitionistic Neo-Fuzzy predictive control. In International Conference on Fuzzy Systems (pp. 635-640). IEEE., **@2016**

47. **Pajeva, I.**, Wiese, M., Cordes, H.-P., Seydel, J.K.. Membrane interactions of some catamphiphilic drugs and related compounds. *Journal of Pharmacy and Pharmacology*, 1996, 122, 1, 1996, 27-40. ISI IF:1.093

Изумруда:

1269. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P-glycoprotein. *Journal of Computer-Aided Molecular Design*, 2016, 30, 8, 824-832., **@2016**

1270. Zheng-Gen Liao, Tao Tang, Xue-Jing Guan, Wei Dong, Jing Zhang, Guo-Wei Zhao, Ming Yang and others. Transport Mechanism Study of Imperatorin on P-Glycoprotein-Mediated Drug Resistance. *Molecules*, 2016, 21(12), doi:10.3390/molecules21121606, **@2016**

48. Neumann, E., Kakorin, S., **Tsoneva, I.**, Nikolova, B., Tomov, T.. Calcium mediated DNA adsorption to electroporation.. *Biophys. J.*, 1996, 71, 1996, 868-877. ISI IF:4.713

Изумруда:

1271. Dönmez, D., Şimşek, Ö., Aka Kaçar, Y., Genetic Engineering Techniques in Fruit Science. International Journal of Organic and Environmental Research (IJOEAR)-2, 12, 2016., **@2016**

1272. Rosazza, C., Haberl, S., Meglic, Zumbusch, A., Rols, MP., Miklavcic, D. Gene Electroporation: A Method for Plant Transformation. *Journal of Biotechnology*, 2016., **@2016**

1273. Hsieh, C., JP Belk, JM Perez, Benatui, L. Methods for transforming yeast United States Patent Application, 2016.

1274. Yu, M., Lin, H. Modeling Transport Across the Electroporated Membrane. *Handbook of Electroporation*, 2016, August 2016., **@2016**

49. Fedina I.S., **Popova A.V.**. Photosynthesis, photorespiration and proline accumulation in water-stressed pea leaves. *Изумруда:*

1275. Riccardi, M., Pulvento, C., Patanè, C., Albrizio, R., Barbieri, G., 2016, Drought stress response in long-day pea cultivars. *Scientia Horticulturae*, 200, 25-35, **@2016**

50. Shannon, Anthony, Sorsich, Joseph, **Atanassov, Krassimir**. Generalized Nets in Medicine. "Prof. Marin Drinov Academic Publishing House", 1996

Изумруда:

1276. Stefanova-Pavlova, M., Andonov, V., Tasseva, V., Gateva, A., & Stefanova, E. (2016). Generalized Networks for Monitoring Glucose Levels in People with Diabetes. In *Imprecision and Uncertainty in Information Representation and Processing*. Prof. Marin Drinov Academic Publishing., **@2016**

51. Raikova , R.. A model of the flexion-extension motion in the elbow joint - some problems concerning muscle activation. *Изумруда:*

Biomechanics, 29, Elsevier, 1996, 763-772. ISI IF:2.784

Цитата:

1277. Munsur Rahman, , Akin Cill , Antonis P. Stylianou (2016) Prediction of elbow joint contact mechanics and Physics, doi:10.1016/j.medengphy.2015.12.012, **@2016**
1278. Mohammad Sadegh Ghiasi, Navid Arjmand, Mehrdad Boroushaki, Farzam Farahmand (2016) Investigating multi-objective optimization-based model and intelligent optimization algorithms. Medical & Biological Engineering and Computing, 54(4), 431–440., **@2016**

1997

52. Boyanov B, Hadjitolorov S, Teston B, Doskov D. Robust hybrid pitch detector for pathological voice analysis. Journal of Voice, 1997, 11(1), 55-58

Цитата:

1279. Juana M. Gutiérrez-Arriola, Antonio Pedrero, Nicolás Sáenz-Lechón, Rubén Fraile, Víctor Osma-Ruiz. Choir voices singing medieval liturgical chant, PROCEEDINGS of the 22nd International Congress on Acoustics, Paper ICA2016-482 , , **@2016**

53. Stephanova DI, Chobanova M. Action potentials and ionic currents through paranodally demyelinated human peripheral myelin. *Journal of Clinical Neurophysiology*, 1997, 14(2), 311-314. Springer Link, 1997, ISSN:0340-1200, 311-314. ISI IF:1.121

Цитата:

1280. Shneider M.N., Pekke M: Bypassing damaged nervous tissue, 1-17, Department of mechanical and Aerospace Engineering, Princeton, NJ, 08544, arXiv preprint arXiv:1609.00739v2 [physics.bio-ph], **@2016**
1281. Volman V, Ng LJ. : Perinodal glial swelling mitigates axonal degradation in a model of axonal injury. *Journal of Clinical Neurophysiology*, 2017, 1017, **@2016**
1282. Shneider M.N. (2016) Bypassing damaged nervous tissue, 1-4, Department of mechanical and Aerospace Engineering, Princeton, NJ, 08544, **@2016**

54. Pajeva, I., Wiese, M.. QSAR and molecular modelling study of multidrug resistance modifiers. 16, 1, 1997, 1-11

Цитата:

1283. Almi, Zineb; Belaidi, Salah; Melkemi, Nadjib; Boughdiri, Salima; Belkhiri, Lotfi. Structure Activity Relationships Modeling of Cyto-Toxicity of Phenothiazine Derivatives. QUANTUM MATTER, Volume 1, Number 1, 2016, pp. 129, **@2016**
1284. Almi Zineb. Etude qualitative et quantitative des relations structures-activités dans des hétérocycles. University of Biskra, 2016, pp.1-83, **@2016**
1285. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P-glycoprotein. *Journal of Molecular Modeling and Design*, 2016, 13 (8), pp. 824-832., **@2016**
1286. Yonar, D., Sunnetcioglu, M.M. Effect of cis-(Z)-flupentixol on DPPC membranes in the presence and absence of Lipids, 198, pp. 61-71., **@2016**

55. Wiese, M., I.K.Pajeva. Molecular modeling study of the multidrug resistance modifiers cis- and trans-flupentixol. *Journal of Molecular Modeling and Design*, 2016, 13 (8), pp. 824-832., **@2016**

Цитата:

1287. Kim, J., Song, J.-H. Thioxanthenes, chlorprothixene and flupentixol inhibit proton currents in BHK-21 cells. *Journal of Molecular Modeling and Design*, 2016, 13 (8), pp. 824-832., **@2016**

Pharmacology, 779, pp. 31-37., **@2016**

1288. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P-glycoprotein. *Journal of Pharmaceutical and Biomedical Discovery*, 13 (8), pp. 824-832., **@2016**
1289. Jiwon Kim, Jin-Ho Song, Thioxanthenes, chlorprothixene and flupentixol inhibit proton currents in BHK-21 cells. *Journal of Pharmacology and Experimental Therapeutics*, 358(2), 31-37; 10.1016/j.jepp.2016.03.009 MAY 15 2016., **@2016**
1290. Yonar, D; Sunnetcioglu, MM. Effect of cis-(Z)-flupentixol on DPPC membranes in the presence and absence of LIPIDS. *Journal of Chemical Physics*, 144(12), 124702; 10.1063/1.4938002 JUN 2016, **@2016**
56. Shannon, A., Kim, T., Kim, Y., Sorsich, J., **Atanassov, K.** A possibility for implementation of elements of fuzzy logic in medicine. *Notes on Intuitionistic Fuzzy Sets*, 3, 4, 1997, 40-43

Цитира се:

1291. Zhao, J., Lin, L. Y., & Lin, C. M. (2016). A General Fuzzy Cerebellar Model Neural Network Multidimensional Fuzzy Logic Model for Medical Identification. *Computational intelligence and neuroscience*, Vol. 2016, Article ID 8073279, 10 pages, <http://dx.doi.org/10.1155/2016/8073279>, **@2016**
57. **Hristova, N., Tsoneva, I., Neumann, E.** Sphingosine-mediated electroporotive DNA transfer through lipid bilayers. *Journal of Liposome Research*, 2016, 2016, Article ID 5793, 81-86. ISI IF:3.538

Цитира се:

1292. Browne, C.J., Pinyon, J.L., Housley, D.M., (...), Klugmann, M., Housley, G.D., Mapping of bionic array for electrotransfer 2016, *Gene Therapy*, 16, 2, 98-129, **@2016**
1293. Rosazza, C., Meglic, S.H., Zumbusch, A., Rols, M.-P., Miklavcic, D., Gene electrotransfer: A mechanism of gene delivery. 2016, *Current Gene Therapy*, 16, 2, 98-129, **@2016**
58. Daskalov I, **Christov I.** Improvement of resolution in measurement of electrocardiogram RR intervals by integrated signal processing. *Journal of Electrocardiology*, 30(4), 375-379. SJR:2.05, ISI IF:1.82

Цитира се:

1294. Iakovakis DE, Papadopoulou FA, Hadjileontiadis LJ (2016). Fuzzy logic-based risk of fall estimation using a smartwatch and a feedback mechanism in everyday living activities. *Healthcare Technology Letters*, 3, (3), 1-4, **@2016**
1295. Watanabe M, Kaneko S, Takayama S, Shiraishi Y, Numata T, Saito N, ... (2016). The pilot study of evaluating pulse at the radial artery, a site for traditional pulse diagnosis. *Medicines*, 3, (2), 11 pages, <http://www.mdpi.com/2304-8139/3/2/11>, **@2016**
1296. Iakovakis D, Hadjileontiadis L (2016) Standing hypotension prediction based on smartwatch heart rate monitoring. *Human-Computer Interaction with Mobile Devices and Services*, 6-9 Sept., Florence, Italy, pp. 2970370&ftid = 1784830&dwn = 1&CFID = 667276695&CFTOKEN = 11072699, **@2016**
59. Boyanov B, **Hadjitodorov S.** Acoustic analysis of pathological voices. A voice analysis system for the screening of vocal folds. *Journal of Medical and Biology Magazine*, 16, 4, IEEE-INSTITUTION OF ELECTRICAL ENGINEERS INC, 1997, 1-4, SJR:1.232, ISI IF:1.232

Цитира се:

1297. Derya Avci and Akif Dogantekin. An Expert Diagnosis System for Parkinson Disease Based on Genetic Algorithm. *Journal of Medical and Biological Engineering*, Hindawi Publishing Corporation, Parkinson's Disease, Volume 2016, Article ID 5264743, 9 pages, **@2016**
1298. Ahmed Al-nasher, Ghulam Muhammad, Mansour Alsulaiman, Zulfiqar Ali, Tamer A. Mesallam, Moustafa Bencherif. An Investigation of Multidimensional Voice Program Parameters in Three Different Databases. *Journal of Voice*, Available online 19 April 2016, doi:10.1016/j.jvoice.2016.03.019, , **@2016**
1299. Ezzine, K., Ben Hamida, A., Ben Messaoud, Z., Frikha, M. Towards a computer tool for automatic detection of pathological voices. *Journal of Medical and Biological Engineering*, Hindawi Publishing Corporation, Volume 2016, Article ID 5264743, 9 pages, **@2016**

1300. Juan Rafael Orozco-Arroyave, Jesús Francisco Vargas-Bonilla, Juan Camilo Vásquez-Correa, Cesar Automatic detection of hypernasal speech of children with cleft lip and palate from spanish vowels analysis, Revista Facultad de Ingeniería, Universidad de Antioquia, Columbia, No. 80, 2016, pp. 109-123
1301. Ahmed Al-nasher , Ghulam Muhammad, Mansour Alsulaiman, Zulfiqar Ali. Investigation of Voice P Frequency Regions Using Correlation Functions, Journal of Voice, Available online 15 March 2016, doi:
1302. Al-Nasher, A., Ali, Z., Muhammad, G., Alsulaiman, M. An investigation of MDVP parameters for voice Proceedings of the Annual Conference of the International Speech Communication Association, 2956, @2016
1303. Santosh Bothe, Giovanni Saggio. RELEVANCE OF VOICE ANALYSIS IN DIAGNOSING TUBERCULOSIS
1304. Uma Rani. K, Mallikarjun S. Holi. A hybrid model for neurological disordered voice classification using Intelligence Research 2016, Vol. 5, No. 1, pp. 87-94, ISSN 1927-6974, E-ISSN 1927-6982, DOI: 10.5432/1927-6974/1927-6982_5_1_001
1305. RH Abiyev, S Abizade. Diagnosing Parkinson's Diseases Using Fuzzy Neural System, Computational Intelligence and Neuroscience, Article ID 1267919, 9 pages, , @2016

1998

60. **Velitchkova, M**, Fedina, I.. Response of Photosynthesis of Pisum sativum to Salt Stress as affected by Methyl Jasmonate. IF:1.409
- Isumupa ce 6:
1306. Abdul Manan, C.M. Ayyub, M. Aslam Pervez and Rashid Ahmad (2016) Methyl jasmonate brings about altering biochemical and physiological processes. Pak. J. Agri. Sci., Vol. 53(1), 35-41; 2016. DOI: 10.2111/pj.2016.53.1.35
1307. Jamil, S. Khan, S.A. Ahmad, R. Asad, S.A. Irshad, U. Shahzad, M. Khan, N. (2016) The effects of accumulation in three pea varieties (Article) Minerva Biotechnologica, 28 (2) 95-103., @2016
61. Ivanov, A.G , , 430, 288-292, Morgan, R.M, Gray, G. R., **Velitchkova, MY**, N. P. A. Huner. Temperature/light photoinhibition of Photosystem I. FEBS Lett., 430, 1998, 288-292. ISI IF:3.169
- Isumupa ce 6:
1308. Marian Brestic, Marek Zivcak, Kristyna Kunderlikova, Suleyman I. Allakhverdiev (2016) High temperature responses of chlorophyll b-deficient wheat mutant lines. Photosynth. Res. 130: 251- 266. DOI: 10.1007/s11120-015-0960-2
1309. Nèjia Farhat, Amine Elkhouni, Walid Zorrig, AbderrazakSmaoui, Chedly Abdelly, Mokded Rabeh photosynthesis and carbohydrate partitioning. Acta Physiol. Plant. 38, 145-. DOI: 10.1007/s11738-016-2140-2
62. **Pajeva, I.**, Wiese, M.. Molecular modeling of phenothiazines and related drugs as multidrug resistance modifiers. Med. Chem, 41, 1998, 1815-1826. ISI IF:3.739
- Isumupa ce 6:
1310. Almi Zineb. Etude qualitative et quantitative des relations structures-activités dans des hétérocycles. University of Biskra, 2016, pp.1-83., @2016
1311. Balaji Ramachandran, Sabitha Kesavan, Thangarajan Rajkumar. Molecular modeling and docking studies on BIOINFORMATION 12(2) 62-68 (2016)., @2016
1312. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P. Discovery, 13 (8), pp. 824-832., @2016

1313. Wang, M., Fan, Q., Jiang, X. Transition-Metal-Free Diarylannulated Sulfide and Selenide Construction: Selenium-Iodine Exchange (2016) Organic Letters, 18 (21), pp. 5756-5759., **@2016**
1314. Ming Wang, Jianpeng Wei, Qiaoling Fan and Xuefeng Jiang. Cu(II)-Catalyzed Sulfide Construction: Efficient Intramolecular Diaryliodonium Salt. Chem. Commun., 2016, Accepted Manuscript, DOI: 10.1039/C6CC03823A, 2016, First published online 21 Dec 2016, **@2016**
1315. Almi, Zineb; Belaidi, Salah; Melkemi, Nadjib; Boughdiri, Salima; Belkhiri, Lotfi. Structure Activity Relationships Modeling of Cyto-Toxicity of Phenothiazine Derivatives. QUANTUM MATTER, 2016, 129(6), **@2016**
63. Todorov,D.K., M.V.Ilarionova, K.B.Timcheva, **I.K.Pajeva**. Antitumor activity of a Dionaea Muscipula Extract on animal and human tumors, sensitive and resistant to antitumor drugs. Biotechnol. Biotechnol Eq., 12, 2, 1998, 61-64.

Цитира се в:

1316. Elena T. Contreras, Jennifer R. Hawley, Michael R. Lappin. Effects of Administration of CarnivoraTM with Feline Herpesvirus 1, Intern J Appl Res Vet Med., Vol. 14, No.3, 2016, **@2016**
64. Атанасов, К., Вайсберг, Л., Гарсия, К., Даскалов, М., **Пъжева, И.**, Струб, Р., Шенон, А., Шоршич, Й.. Списание на БАН, CX1, 1-2, 1998, 44-49
- Цитира се в:
1317. Stefanova-Pavlova M., Andonov V., Tasheva V., Gateva, A., Stefanova, E. Generalized Nets in Medicine and Diabetes. In: Imprecision and Uncertainty in Information Representation and Processing, Volume 1: Computing, (Eds. P. Angelov, S. Sotirov), Springer International Publishing, pp. 327-357, 2015, **@2016**
65. Christova P., **Kossev A.**, Radicheva N.. Discharge rate of selected motor units in human biceps brachii at different contraction levels. Biomed Eng Appl Basis Health Care, 1998, ISSN:8: -. (ISSN: 10506411, 287-294. ISI IF:0.566
- Цитира се в:
1318. El Gohary TM, Ibrahim SR, El-din Mahmoud WS (2016) International Journal of Therapies and Rehabilitation, 33(1): 10.5455/ijtrr.000000158, **@2016**
1319. Beardsley C (2016) Strength and Conditioning Research (Encyclopedia of Strength and Conditioning at the University of Louisville)
66. **Kossev A.**, Christova P.. Discharge pattern of human motor units during dynamic concentric and eccentric contractions. Biomed Eng Appl Basis Health Care, 1998, ISSN:0924980X, 245-255. ISI IF:2.45
- Цитира се в:
1320. Yao WX, Jiang Z, Li J, Jiang C, Franklin CG, Lancaster JL, Huang Y, Yue G.H (2016) Frontiers in Physiology, 7: 10.3389/fphys.2016.00521, **@2016**
1321. Hill EC, Housh TJ, Camic CL, Jenkins ND, Smith CM, Cochrane KC, Cramer JT, Schmidt RJ, Moen MR, Housh DJ (2016) Journal of Exercise Science, 24(1):1-6., **@2016**
1322. Park SH, Kwon M, Solis D, Lodha N, Christou EA, (2016) J. Neurophysiol., 115(6): 2924-2930., **@2016**
1323. Nazmi N, Abdul Rahman MA, Yamamoto SI, Ahmad SA, Zamzuri H, Mazlan SA (2016) Sensors, 16(10): 2671-2683, **@2016**
1324. Kesoglou I, Smirniotou A, Paradisis G, Pilianidis T, Arabatzi F, Argeitaki P, Zacharogiannis E, Tsolakis A (2016) Biology of Exercise, 12(1): 55-68, **@2016**
67. Daskalov I, Dotsinsky I, **Christov I.** Developments in ECG acquisition, preprocessing, parameter measurement and classification. Biomed Eng Appl Basis Health Care, 1998, 50-58. ISI IF:2.05

Цитира се в:

1325. Dalal S, Birok R (2016) ECG peaks detection using principal component analysis. Int. J. of Innovative Computing, Communication and Control Engineeringq 4, (7), pp. 66-70, <http://ijireeice.com/upload/2016/july-16/IJIREEICE%2018.pdf>
1326. Dalal S, Birok R (2016) ECG signal analysis using PCA with neural network and Fuzzy logic. International Journal of Advanced Research in Electrical, Electronics and Communication Engineering, Instrumentation and Control Engineering, 5, (7), pp. 1898-1904, <http://ijarec.com/2016/5-ISSUE-7-1898-1904.pdf>, **@2016**
1327. Tseng Yi-Li, Keng-Sheng Lin, Fu-Shan Jaw (2016) Comparison of support-vector machine and sparse representation for automated myocardial ischemia detection. Computational and Mathematical Methods in Medicine, <http://downloads.hindawi.com/journals/cmmm/aip/568131.pdf>, **@2016**
1328. Kumar A, Singh M. (2016). Robust multiresolution wavelet analysis and window search based approach for medical image segmentation. Journal of Medical Imaging and Health Informatics, 6, (1), pp. 146-156., **@2016**
1329. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological states. Int. J. of Bioautomation, 20, (1), pp., **@2016**
1330. Yochum A, Renaud Ch, Jacquir S (2016) Automatic detection of P, QRS and T patterns in 12 lead ECG. Journal of Medical Signal Processing and Control, 25, pp. 46-52, **@2016**
1331. Dalal S, Birok R (2016) Analysis of ECG signals using hybrid classifier. J. in Science, Engineering and Technology, <http://www.iarjset.com/upload/2016/july-16/IARJSET%2017.pdf>., **@2016**
1332. Sung-Nien Yu, Po-chuan Tsai (2016) Myocardial ischemic beat and episode detection based on morphological features. Journal of Biomechanics and Engineering in Medicine and Biology Society pp. 3465-3468, **@2016**
68. Christova P., **Kossev A.** Motor unit activity during long-lasting intermittent contractions in humans.. Eur. J. Appl. Physiol., 120(1), 1-10, 2016, ISI IF:1.045

Цитира се в:

1333. Farney TM (2016) Relationship Between Metabolic By-Products and Nervous System Failure/Fatigue., In: Plant-Environment Interaction (Bingru Huang Ed.) Third Edition revised, CRC Press, 2016
1334. Davies T, Orr R, Halaki M, Hackett D (2016) Sports Medicine, 46(4), 487-502., **@2016**
69. Zaharieva, I, **Velitchkova, M.**, Goltsev, V. Effect of cholesterol and benzyl alcohol on prompt and delayed photosynthesis: Mechanisms and Effects (G. Garad ed), III, Kluwer Academic Publishers, Dordrecht, Boston, London, 2000
- Цитира се в:
1335. B. Huang (2016) In: Plant-Environment Interaction (Bingru Huang Ed.) Third Edition revised, CRC Press, 2016
70. **Atanassov, K. T.**. Generalized nets in artificial intelligence. "Prof. Marin Drinov" Publishing House of the Bulgarian Academy of Sciences, 2016
- Цитира се в:
1336. Roeva, O., & Atanassova, V. (2016, September). Generalized net model of Cuckoo search algorithm. In: 2016 International Conference on (pp. 589-592). IEEE., **@2016**
1337. Stefanova-Pavlova, M., Andonov, V., Tasheva, V., Gateva, A., & Stefanova, E. (2016). Generalized Net Model for Monitoring of Blood Glucose Level in People with Diabetes. In Imprecision and Uncertainty in Information Representation and Processing. Springer Publishing., **@2016**

1999

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

Цитира се в:

1338. Gong Z., X. Zhang, The further investigation of variable precision intuitionistic fuzzy rough set model, *Cybernetics*, doi:10.1007/s13042-016-0528-9, pages 1–20., **@2016**
1339. Montes I., V. Janiš, NR Pal, S. Montes, Local Divergences for Atanassov Intuitionistic Fuzzy Sets, *IFAC-PapersOnLine*, Issue: 2, Page(s): 360 - 373, **@2016**
1340. Ren HP, HH Chen, W. Fei, DF Li, A MAGDM Method Considering the Amount and Reliability Information, *International Journal of Fuzzy Systems*, doi:10.1007/s40815-016-0179-8, pp 1–11., **@2016**
1341. Narayanan SR, S. Murugesan, (2, (c1, c2))-Pseudo Regular Intuitionistic Fuzzy Graphs, *Intern. J. Fuzzy Syst.*, Volume 17, Issue 2, pages 137, **@2016**
1342. Ohlan A., SIMILARITY MEASURES ON INTUITIONISTIC FUZZY SETS, *Proc. of ICRISTME 2016*, Volume 1, pages 1–10., **@2016**
1343. Senapati T., On Bipolar Fuzzy B-Subalgebras of B-Algebras, *Emerging Research on Applied Fuzzy System and Computational Intelligence and Robotics*, Chapter 11, pages 254-266, **@2016**
1344. Ananthia VP, P. Balasubramaniam, A new image denoising method using interval-valued intuitionistic fuzzy sets, *Information Processing*, Volume 121, Pages 81–93., **@2016**
1345. Zhou L., On Atanassov's Intuitionistic Fuzzy Sets in the Complex Plane and the Field of Intuitionistic Fuzzy Systems, Volume: 24, Issue: 2, Page(s): 253 - 259, **@2016**
1346. Li B., H. Zhang, Y. Li, The Molds of Intuitionistic Fuzzy Value and Their Applications, *International Journal of Fuzzy Systems*, Volume 17, Issue 2, pages 284–298., **@2016**
1347. Lei Q., Z. Xu, Chain and Substitution Rules of Intuitionistic Fuzzy Calculus, *IEEE Transactions on Fuzzy Systems*, Volume 24, Issue 3, pages 520–529., **@2016**
1348. EL-Latif AA, AA Ramadan, On L-Double Fuzzy Rough Sets, *Iranian Journal of Fuzzy Systems* Vol. 13, Issue 3, pages 1–10., **@2016**
1349. Radhika C., R. Parvathi, Intuitionistic fuzzification functions, *Global Journal of Pure and Applied Mathematics*, Volume 15, Issue 2, pages 1227., **@2016**
1350. Chen TY, An IVIF-ELECTRE outranking method for multiple criteria decision-making with intuitionistic fuzzy information, *Journal of Economic and Technological Development of Economy*, Issue 3, pages 416-452., **@2016**
1351. Juan-juan Peng, Jian-qiang Wang, Jing Wang, Hong-yu Zhang & Xiao-hong Chen, Simplified neutrosophic group decision-making problems, *International Journal of Systems Science* , Volume 47, Issue 10., **@2016**
1352. Pătrascu V., Refined Neutrosophic Information Based on Truth, Falsity, Ignorance, Contradiction and Hybrid Information, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Issue 1, pages 52-66, **@2016**
1353. Mishra AR, Intuitionistic Fuzzy Information Measures with Application in Rating of Township Development, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Issue 3, pages 49-70., **@2016**
1354. Zhang H., L. Xiong, W. Ma, Generalized intuitionistic fuzzy soft rough set and its application in decision making, *Journal of Intelligent & Fuzzy Systems*, Volume 30, No.4, pages 750-766., **@2016**
1355. Gou X., Z. Xu, H. Liao, Alternative queuing method for multiple criteria decision making with hybrid fuzzy information, *Journal of Intelligent & Fuzzy Systems*, Volume 357, pages 144–160., **@2016**
1356. Beliakov G., H. Bustince Sola, T. Sánchez, A Practical Guide to Averaging Functions, *Studies in Fuzziness and Soft Computing*, Volume 331, pages 1–200., **@2016**
1357. Ejegwa PA, LN Kwarkar, KN Ihuoma, Application of Intuitionistic Fuzzy Multisets in Appointment Scheduling, *Journal of Intelligent & Fuzzy Systems* (0975 – 8887), Volume 135 – No.1, pages 1-4., **@2016**
1358. Chatterjee K., S. Kar, Multi-criteria analysis of supply chain risk management using interval valued fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Volume 30, No.3, pages 474–499., **@2016**
1359. Boccuto A., X. Dimitriou, Limit Theorems for k-Subadditive Lattice Group-Valued Capacities in Topological Spaces, *Topological Methods in Nonlinear Analysis*, Volume 47, Issue 1, Pages 1–21, **@2016**
1360. Shahzadi S., M. Akram, Edge regular intuitionistic fuzzy soft graphs, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Issue 1, pages 1–10., **@2016**

1361. Kahraman C., B. Öztayş, SC Onar, A Comprehensive Literature Review of 50 Years of Fuzzy Se Intelligence Systems, Volume 9, Issue sup1, pages 3-24., **@2016**
1362. Büyüközkan G, S. Gülcü, A new integrated intuitionistic fuzzy group decision making approach for & Industrial Engineering, Volume 102, pages 383–395., **@2016**
1363. Broumi S., F. Smarandache, M. Talea, A. Bakali, Single valued neutrosophic graphs: Degree, order and Fuzzy Systems (FUZZ-IEEE)2016, **@2016**
1364. Broumi S. , M. Talea , A. Bakali , F. Smarandache, , Interval Valued Neutrosophic Graphs, Critical Re Uncertainty, Center for Mathematics of Uncertainty Creighton University , Volume XII, **@2016**
1365. Seikh MR, PK Nayak, , M. Pal, Aspiration level approach to solve matrix games with I-fuzzy goals Natural Science and Engineering, Volume 18, Issue 1, pages 5–13., **@2016**
1366. Wang L., S. Guo, New Results on Multiple Solutions for Intuitionistic Fuzzy Differential Equations, J No. 6, pp. 560–573, **@2016**
1367. Zeshui Xu, , Na Zhao, Information fusion for intuitionistic fuzzy decision making: An overview, Informa
1368. Broumi S., M. Talea, A. Bakali, F. Smarandache, Single Valued Neutrosophic Graphs, Jurnal of New Th
1369. Biswas P., S. Pramanik, BC Giri, Aggregation of triangular fuzzy neutrosophic set information and Neutrosophic Sets and Systems, An International Journal in Information Science and Engineering, Vol. 1
1370. T. Bej, M. Pal, Direct product of doubt intuitionistic fuzzy H-ideals in BCK/BCI-algebras, International pp. 11-21., **@2016**
1371. Bustince H., E. Barrenechea, M. Pagola, J. Fernandez, R. Orduna, J. Montero, A Survey of Atanassov Information Fusion, Volume 339 of the series Studies in Fuzziness and Soft Computing., **@2016**
1372. Das AK, On partially included intuitionistic fuzzy rough relations, Afrika Matematika, Volume 27, Issue
1373. Abdullah S., M. Aslam, K. Hila, Interval valued intuitionistic fuzzy sets in Γ -semihypergroups, Internati Volume 7, Issue 2, pp 217–228., **@2016**
1374. Nagoorgani A., M. Akram, S. Anupriya, Double domination on intuitionistic fuzzy graphs, Journal of Issue 1, pp 515–528., **@2016**
1375. Zhang G., Y. Han, Z. Li, IF rough approximations based on lattices, J. COMPUTATIONAL ANALYS 237-253, **@2016**
1376. Liao H., Z. Xua, XJ. Zengb, DL. Xuc, An enhanced consensus reaching process in group decision ma Information Sciences, Elsevier, Volume 329, Pages 274–286., **@2016**
1377. De SK, SS Sana, The (p, q, r, l) model for stochastic demand under Intuitionistic fuzzy aggregatio doi:10.1007/s10845-016-1213-2, pages 1-19., **@2016**
1378. Huang B, C. Guo, et al., An intuitionistic fuzzy graded covering rough set, Knowledge-Based Systems, V
1379. Zihni O., Y. Çelik, Irregular intuitionistic fuzzy graphs, AIP Conference Proceedings, Volume 1726, Issu
1380. Ohlan A, R. Ohlan, Intuitionistic Fuzzy Exponential Divergence and Multi-attribute Decision-Makin Measures., **@2016**
1381. Dey S., Studies on mathematical programming methods for structure with imprecise parameters. PhD- Engineering Science and Technology, Shibpur, India, 2016., **@2016**
1382. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. . PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
1383. Rahman S., On cuts of Atanassov's intuitionistic fuzzy sets with respect to fuzzy connectives, Journal 262–278., **@2016**

1384. Ouyang Y., W. Pedrycz, A new model for intuitionistic fuzzy multi-attributes decision making, European Journal of Operational Research, Volume 253, Issue 2., **@2016**
1385. Thamaraiselvi A., R. Santhi, A New Approach for Optimization of Real Life Transportation Problems in Engineering, Volume 2016 (2016), Article ID 5950747, pages 1-9, **@2016**
1386. Padder R., P. Murugadas, Max-max operation on intuitionistic fuzzy matrix, Annals of Fuzzy Mathematics and Informatics, Volume 11, Issue 3, pages 757-766, **@2016**
1387. Mousavi SM, B. Vahdani, Cross-docking Location Selection in Distribution Systems: A New Intelligent Method, International Journal of Computational Intelligence Systems, Volume 9, Issue 1, pages 91-109., **@2016**
1388. Radhika, C., R. Parvathi (2016) Defuzzification of intuitionistic fuzzy sets, Notes on Intuitionistic Fuzzy Sets, Volume 26, **@2016**
1389. Yan LJ, Application of differential evolution algorithm-based intuitionistic fuzzy neural network to carbon capture and storage, Thesis, Department of Industrial Management, 2016-01-05, **@2016**
1390. Mousavi SM, B. Vahdani, SS Behzadi, Designing a model of intuitionistic fuzzy VIKOR in multi-attribute group decision making, Journal of Fuzzy Systems, Volume 13, Issue 1, pages 45-65., **@2016**
1391. Riečan, B., Považan, J. (2016) On the embedding of continuous states. "Notes on Intuitionistic Fuzzy Sets", Volume 26, pages 45-65., **@2016**
1392. Markechová D., B. Riečan, Entropy of Fuzzy Partitions and Entropy of Fuzzy Dynamics, [doi:10.3390/e18010019](https://doi.org/10.3390/e18010019), **@2016**
1393. Wan SP., F. Wang, JY. Dong, A preference degree for intuitionistic fuzzy values and application to multi-attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Volumes 370–371, Pages 127–146., **@2016**
1394. Zhong Y., CH Yan, Intuitionistic L-fuzzy Rough Sets, Intuitionistic L-fuzzy Preorders and Intuitionistic L-fuzzy Topological Spaces, *Journal of Intelligent & Fuzzy Systems*, Volume 8, Issue 3, Pages 255–279., **@2016**
1395. Farhadinia B., Hesitant fuzzy set lexicographical ordering and its application to multi-attribute decision making, *Journal of Intelligent & Fuzzy Systems*, Volume 30, Issue 1, pages 233–245., **@2016**
1396. Nguyen H., A novel similarity/dissimilarity measure for intuitionistic fuzzy sets and its applications, *Journal of Intelligent & Fuzzy Systems*, Volume 45, Pages 97–107., **@2016**
1397. Cheng W-Che, Application of Genetic Algorithm-Based Intuitionistic Fuzzy Neural Network to Medical Emergency Room, Thesis, Department of Industrial Management, Doctoral Dissertation, 2016-01-04, **@2016**
1398. Borzooei R. A., H. Rashmanlou, MORE RESULTS ON VAGUE GRAPHS, *U.P.B. Sci. Bull.*, Series A, Volume 78, Issue 1, pages 11–20., **@2016**
1399. Ciucci D., Orthopairs and granular computing, *Granular Computing*, Volume 1, Issue 3, pp 159–170., **@2016**
1400. Sussner P., Lattice fuzzy transforms from the perspective of mathematical morphology, *Fuzzy Sets and Systems*, Volume 302, pages 1–16., **@2016**
1401. Perez J., F. Valdez, O. Castillo, O. Roeva, Bat algorithm with parameter adaptation using Interval functions, *Procc. IEEE 8th International Conference on Fuzzy Computation*, pages 1–6., **@2016**
1402. Tarsaslu S., G. Cuvalcioglu, A. Bal, Some Intuitionistic Fuzzy Modal Operators over Intuitionistic Fuzzy Sets, *IFSCOM2016*, No. 1 pp. 84-90., **@2016**
1403. Piasecki K., Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych (Intuitionistic fuzzy sets as behavioral tools in finance), *Edu-Libri*, Kraków-Legnica, 2016., **@2016**
1404. Raheja S., R. Dadhichb, S. Rajpalc, Designing of vague logic based multilevel feedback queue scheduling, *Journal of Intelligent & Fuzzy Systems*, Volume 30, Issue 1, Pages 125–137, **@2016**
1405. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, *Edu-Libri*, Kraków-Legnica, 2016., **@2016**
1406. Palanivelrajan M., K. Gunasekaran, E. Adilakshmi, INTERVAL VALUED INTUITIONISTIC ANTI FUZZY SETS AND THEIR APPLICATIONS IN MATHEMATICAL ARCHIVE, Volume 7(5), 2016, 151-160., **@2016**

1407. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Curd lactic MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486
1408. Huang B., C. Guo, H. Lic, G. Fenga, X. Zhouc, Hierarchical structures and uncertainty measures for information Sciences, Volume 336, 2016, Pages 92–114, **@2016**
1409. Wood, D. A., Supplier selection for development of petroleum industry facilities, applying multi-criteria intuitionistic fuzzy TOPSIS with flexible entropy weighting, Journal of Natural Gas Science and Engineering, 2016, 18(1), 10–17.
1410. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria, Volume 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
1411. Kumar S., A.K. Shukla, P. K. Muhuri, Q. M. Danish Lohani, Atanassov Intuitionistic Fuzzy Domain and Range, Procc. of IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)2016, Page(s):2295- 2301., **@2016**
1412. Aysha S., T. Tirupal, Image fusion of medical images based on Fuzzy set, Elixir Digital Processing 96 (2016), 10–14.
1413. Heidarzadea A., I. Mahdavia, N. Mahdavi-Amirib, Supplier selection using a clustering method based on intuitionistic fuzzy sets: A case study, Applied Soft Computing, Volume 38, Pages 213–231., **@2016**
1414. Singh AK, A. Tiwari, Vague Set Based Association Rule Mining for Profitable Patterns, IJSART - Volume 4, Issue 10, 2016, 1–6.
1415. Huang B., HX Li, GF Feng, YL Zhuang, Distance-based Information Granularity and Hierarchical Structure, Fuzzy Information and Engineering, Volume 8, Issue 2, Pages 147–168, **@2016**
1416. Żywica P., A. Stachowiak , M. Wygralak, An algorithmic study of relative cardinalities for interval-valued intuitionistic fuzzy sets, Fuzzy Sets and Systems, Volume 294, Pages 105–124., **@2016**
1417. Dhavudh S. Sheik, R. Srinivasan, Properties of Intuitionistic L-Fuzzy Sets of Second Type, International Journal of Fuzzy Logic and Intelligent Systems, Volume 4, Issue 2-B (2016), pages 65–68, **@2016**
1418. Chen SM, WH Tsai, Multiple attribute decision making based on novel interval-valued intuitionistic fuzzy sets, Fuzzy Information and Engineering, Volumes 367–368, Pages 1045–1065., **@2016**
1419. Ahmed J., MA Alam, A. Mobin, S. Tarannum, A soft computing approach for obesity assessment, Proceedings of the International Conference on Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Page(s):167- 170., (2016).
1420. Deli I., N Çağman, Similarity measure of IFS-sets and its application in medical diagnosis, Annals of Fuzzy Mathematics and Informatics, Volume 5, pp. 841–854, **@2016**
1421. Mohideen SI, AN Gani, BF Kani, C. Yasmin, Properties of Operations on Regular Intuitionistic Fuzzy Generalized Numbers, Journal of Mathematics and Computing, Volume 6, Issue No. 4, pages 3779- 3783, **@2016**
1422. Tisheva D., N. Netov, Value at Risk backtesting techniques: Intuitionistic fuzzy approach and InterCriteria analysis, Journal on Intelligent Systems (IS), Page(s):552- 559, **@2016**
1423. Li W., C. Wu, A Multicriteria Interval-Valued Intuitionistic Fuzzy Set TOPSIS Decision-Making Approach, Journal of Intelligent Systems, Volume 25, Issue 2., **@2016**
1424. Rani TGGE, G. Jayalalitha, Heterogeneous mathematical tools for the analysis of diabetes — A fractional approach, Journal of Electrical, Electronics, and Optimization Techniques (ICEEOT), Page(s):2317- 2322, **@2016**
1425. Padder RA, P. Murugadas, Reduction of a nilpotent intuitionistic fuzzy matrix using implication operation, Journal of International Journal, Vol. 11, Issue 2, pages 614 – 631, **@2016**
1426. Tsao CY, TY Chen, A projection-based compromising method for multiple criteria decision analysis with interval-valued intuitionistic fuzzy sets, Journal of Applied Soft Computing, Volume 45, pages 207–223, **@2016**
1427. Yu S., Z. Xu, Definite integrals of multiplicative intuitionistic fuzzy information in decision making, Journal of Intelligent and Fuzzy Systems, Volume 30, Issue 1, pages 73–79, **@2016**
1428. Muthuraj R., MCDM by Hausdroff Distance Similarity Measure in IMFS on Matrimonial Matching, Karunya International Journal of Science and Technology, Volume 5, Issue 1, pages 51-61, **@2016**

1429. Kumar S., SS Gangwar, Intuitionistic Fuzzy Time Series: An Approach for Handling Nondeterminism Fuzzy Systems, Volume: 24, Issue: 6, pages 1270 – 1281., **@2016**
1430. Tooranloo HS, AS Ayatollah, Pathology the Internet Banking Service Quality Using Failure Mode and Effects Analysis in Fuzzy Environment, *Int. J. Fuzzy Syst.* (2016). doi:10.1007/s40815-016-0265-y, pages 1-15., **@2016**
1431. Yilmaz S., G. Cuvalcioglu, On Study of Some Intuitionistic Fuzzy Operators for Intuitionistic Fuzzy Analysis, No.3 (2016) 317-325., **@2016**
1432. Goyal M., D. Yadav , A. Tripathi, Intuitionistic Fuzzy Genetic Weighted Averaging Operator and its Application in E-Learning, *Indian Journal of Science & Technology*, Volume 9, Issue 1, **@2016**
1433. Rashmanlou H., RA Borzooei, S. Samanta, , M. Pal, Properties of interval valued intuitionistic (S, T) – Fuzzy Sets, *Journal of Mathematics in Computer Science*, Volume 18, Issue 1, Pages 30–37, **@2016**
1434. Aggarwa A., I. Khan, On solving Atanassov's I-fuzzy linear programming problems: some variants of Atanassov's I-fuzzy numbers, *Computers & Mathematics with Applications*, Volume 66, Issues 3–4, pp 375–389., **@2016**
1435. Muthuraj R., S. Balamurugan, MCDM in IMFS by Normalized Geometric Similarity Measures, *International Journal of Computing*, Volume 6 Issue No. 7, pages 2004-2009., **@2016**
1436. Nguyen H., A New Similarity Measure for Intuitionistic Fuzzy Sets, *Intelligent Information and Data Mining*, Volume 5, Number 5, Notes in Computer Science, pages 574-584, **@2016**
1437. Wei C., X. Tang, An Argument-Dependent Approach to Determining the Weights of IFOWA Operators in Multi-Criteria Decision Systems: Recent Trends, Advances and Solutions, Volume 364 of the series *Advances in Intelligent Systems and Computing*, pages 1-10., **@2016**
1438. Farhadinia B., Z. Xu, Distance and Aggregation-Based Methodologies for Hesitant Fuzzy Decision Making, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Number 1, pp 016-9436-2, pages 1-14., **@2016**
1439. Deli I., S. Eraslan, N. Çağman, ivnpiv-Neutrosophic soft sets and their decision making based on similarity measures, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Number 1, doi:10.1007/s00521-016-2428-z, pages 1-17., **@2016**
1440. Montajabiha M., An Extended PROMETHE II Multi-Criteria Group Decision Making Technique Based on Neutrosophic Soft Sets in Energy Planning, *Group Decis Negot* (2016) 25: 221. doi:10.1007/s10726-015-9440-z, pages 221-224., **@2016**
1441. Raheja S., Designing of Vague Logic Based 2-Layered Framework for CPU Scheduler, *Advances in Intelligent Systems and Computing*, Volume 364, pages 2784067, **@2016**
1442. Shyla AM, TK Varkey, Intuitionistic Fuzzy Soft Graph, *International Journal of Fuzzy Mathematical Archive*, Volume 7, Number 1, pages 1-10., **@2016**
1443. Dhar M., Some Results of Intuitionistic Fuzzy Soft Matrix, *I.J. Intelligent Systems and Applications*, 8, pages 1-10., **@2016**
1444. Jency JM, I. Arockiarani, Adjustable and Mean Potentially Approach on Decision Making, *Neutrosophic Sets and Systems*, Volume 10, pages 1-10., **@2016**
1445. Terziyska M., Y. Todorov, Intuitionistic Neo-Fuzzy Network for modeling of nonlinear systems dynamics, *Proceedings of the International Conference on Intelligent Systems (IS)*, Page(s):616 - 621., **@2016**
1446. Melliani S., R. Ettoussi, M. Elomari, LS Chadli, Characterization of compact subset of intuitionistic fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Number 1, 2016, No. 2, 13–21., **@2016**
1447. Lee S., KL Man, EG Lim, M. Leach, Data Analysis with Fuzzy Measure on Intuitionistic Fuzzy Sets, *Proceedings of the World Congress on Engineers and Computer Scientists 2016 Vol II*, **@2016**
1448. Cheng, W. C. (2016). Application of Genetic Algorithm-Based Intuitionistic Fuzzy Neural Network to Medical Diagnosis in Emergency Room (Doctoral dissertation). National Taiwan University of Science and Technology. (Doctoral dissertation)
1449. Bisht K., S. Kumar, Fuzzy time series forecasting method based on hesitant fuzzy sets, *Expert Systems with Applications*, Volume 568, **@2016**
1450. Kalina M., P. Král, Uninorms on Interval-Valued Fuzzy Sets, *Information Processing and Management of Uncertainty in Knowledge Systems*, Volume 611 of the series *Communications in Computer and Information Science* pp 522-531., **@2016**
1451. Tooranloo HS, AS Ayatollah, A model for failure mode and effects analysis based on intuitionistic fuzzy sets, *Journal of Intelligent & Fuzzy Systems*, Volume 31, Number 1, pages 1-10., **@2016**

1452. Qin B., F. Zen, K. Yan, On IF approximating spaces, J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, Volume 20, Issue 4, Pages 650–660, @2016
1453. Servin, C., Kreinovich, V. , Intuitionistic fuzzy logic is not always equivalent to interval-valued one. Notes on Intuitionistic Fuzzy Sets, Volume 5, 1–11., @2016
1454. Da Silva IA, B. Bedregalb, , RHN Santiago, On Admissible Total Orders for Interval-valued Intuitionistic Fuzzy Numbers, Journal of Intelligent & Fuzzy Systems and Engineering, Volume 8, Issue 2, Pages 169–182, @2016
1455. Zhang H., Q. Zheng, T. Liu, Y. Qu, Mixed Intuitionistic Fuzzy Aggregation Operators decreasing resources consumption, Conference on Fuzzy Systems (FUZZ-IEEE), 2016, Page(s):896- 903, @2016
1456. Hájek P., V. Olej, Intuitionistic neuro-fuzzy network with evolutionary adaptation, Evolving Systems, Volume 13., @2016
1457. Kuroshi L., A. Ölçer, Technique selection and evaluation of ballast water management methods under a multi-criteria decision making approach, Proceedings of the Institution of Mechanical Engineers, Part M: Journal of Engineering Mathematics and Applications, Volume 232, Issue 1, Pages 1–12, @2016
1458. Nowak P., O. Hryniwicz, On generalized versions of central limit theorems for IF-events, Information, Volume 7, Issue 3, Pages 313–326, @2016
1459. Padder RA, P. Murugadas, CONVERGENCE OF POWERS OF CONTROLLABLE INTUITIONISTIC FUZZY NUMBERS, DOI: 10.21917/ijsc.2016.0184, pages 1332- 1337, @2016
1460. Alfarisi S., U. Ciptomulyono, Analyze the Environment and Economic Impact of Vegetable Tanning Aqueous Extracts, International Journal of Agricultural, Environmental, Management and Science (IJAEMS), Vol-2, Issue-11, pages 1854-1856, @2016
1461. Begum SS, R. Srinivasan, A Study on Properties of Intuitionistic Fuzzy Sets of Third Type, International Journal of Pure and Applied Mathematics, Volume 4, Issue 2-B (2016), 59–64., @2016
1462. Sachdeva N., O. Singh, P. K. Kapur, D. Galar, Multi-criteria intuitionistic fuzzy group decision analysis based on TOPSIS method using triangular intuitionistic fuzzy numbers, International Journal of System Assurance Engineering and Safety, Volume 3, Issue 3, Pages 324–334, @2016
1463. Biswas A., AK De, An Efficient Ranking Technique for Intuitionistic Fuzzy Numbers with Its Application in Decision Making Problems, Advances in Fuzzy Systems, Volume 2016 (2016), Article ID 6475403, @2016
1464. Maheswari NRS, C.Sekar, On μ -Neighbourly Irregular Intuitionistic Fuzzy Graph, International J.Math. and its Applications, Volume 4, Issue 1, Pages 1–10, @2016
1465. Bertei A., R. Zanotelli et al., Correlation coefficient analysis based on fuzzy negations and representations, Conference on Fuzzy Systems (FUZZ-IEEE), Page(s):127- 132, @2016
1466. Wahab AF, MIE Zulkifly, MS Husain, Bezier curve modeling for intuitionistic fuzzy data problem, AIP Conference Proceedings, Volume 1738, Article ID 040031, DOI: 10.1063/1.4954583, @2016
1467. Yang J., W. Fei, DF Li, Non-linear Programming Approach to Solve Bi-matrix Games with Payoffs Represented by Intuitionistic Fuzzy Numbers, International Journal of Fuzzy Systems, Volume 18, Issue 3, pp 492–503., @2016
1468. Khan A., N. Muhammad, On $(\in, \in \vee q)(\in, \in \vee q)$ -intuitionistic fuzzy ideals of soft semigroups, International Journal of Fuzzy Systems, Volume 7, Issue 4, pp 553–562, @2016
1469. Muthukumara P., GS S. Krishnan, A similarity measure of intuitionistic fuzzy soft sets and its applications, International Journal of Fuzzy Systems, Volume 41, Pages 148–156., @2016
1470. Kluvancova D., B. Riecan, On IF-numbers, Notes on Intuitionistic Fuzzy Sets, Vol. 22, 2016, No. 3, 9–14
1471. Dejian Y., L. Huchangb, Visualization and quantitative research on intuitionistic fuzzy studies, Journal of Intelligent & Fuzzy Systems, Volume 36, Issue 3, Pages 3653-3663., @2016
1472. Ali AM, SS Kumar, T. Chandrakha, Intuitionistic Fuzzy Sequences in Metric Spaces, International Journal of Fuzzy Systems, Volume 17, Issue 4, Issue 1-B (2016), 155–159, @2016

1473. Mezzomo I., et al., On n-dimensional strict fuzzy negations, Proc. of IEEE International Conference on Fuzzy Systems, 2016, 307, **@2016**
1474. Gou X., Z. Xu, Exponential operations for intuitionistic fuzzy numbers and interval numbers in multi-criteria decision making, doi:10.1007/s10700-016-9243-y, pages 1-22., **@2016**
1475. Deepa G., B. Praba, VM Chandrasekaran, SPREADING RATE OF VIRUS ON EXTREME ENERGY INFLUENCE ON HUMAN BODY, International Journal Of Pharmacy & Technology, Vol. 8 | Issue No.2 | 13286-13294, **@2016**

72. Dimitrova N.A., Dimitrov A.G., Dimitrov G.V.. Calculation of extracellular potentials produced by inclined rectangular current pulses, Eng. & Phys., 21, 1999, 583-588. SJR:0.673, ISI IF:1.825

Izumupa ce ε:

1476. Farina D., Stegeman D.F., Merletti R. (2016) Biophysics of the Generation of EMG Signals in: Surface Electromyography: Physiology, Engineering, and Non-invasive Applications ed. by: Merletti R. and Farina D. (2016) ISBN:978-1-118-98702-5, **@2016**
1477. Lowery M. M. (2016) Emg modeling and simulation in: Surface Electromyography: Physiology, Engineering, and Non-invasive Applications ed. by: Merletti R. and Farina D. (2016) ISBN:978-1-118-98702-5, **@2016**
73. Siggelkow S., Kossev A., Schubert M., Kappels H.-H., Wolf W., Dengler R.. Modulation of motor evoked potentials by frequency.. Muscle & Nerve, 22, 1999, ISSN:0148639X, 1544-1548. ISI IF:1.898

Izumupa ce ε:

1478. Padulo J, Di Giminiani R, Dello Iacono A, Zagatto AM, Migliaccio GM, Grgantov Z, Aghazadeh M, Parnianpour M. (2016) Effect of vibration on muscle fatigue. J Appl Physiol, 121(10):103389/fphys.2016.00242., **@2016**
1479. Nagamori A, Valero-Cuevas FJ and Finley JM (2016) Frontiers in Physiology, Volume 7, Article 582, doi:10.3389/fphys.2016.00582.
1480. Pamukoff DN, Pietrosimone B, Lewek MD, Ryan ED, Weinhold PS, Lee DR, Blackburn JT (2016) Influence of whole body vibration on muscle function in healthy adults. J Appl Physiol, 119(97):1121-1129., **@2016**
1481. Pamukoff DN, Pietrosimone B, Lewek MD, Ryan ED, Weinhold PS, Lee DR, Blackburn JT (2016) Influence of whole body vibration on muscle function in healthy adults. Muscle and Nerve, 54(3):469-478., **@2016**

74. Kossev A., Siggelkow S., Schubert M., Wohlfarth K., Dengler R.. Muscle vibration: different effects on transcutaneous oxygen tension. Muscle & Nerve, 22, 1999, ISSN:0148639X, 946-948. ISI IF:1.898

Izumupa ce ε:

1482. Saito A, Ando R, Akima H (2016) J Electromyography and Kinesiology, 31: 48-54., **@2016**
1483. Karim AY (2016) Use of whole body vibration to enhance performance in dancers., Texas Woman's University, 10(1):1-10., **@2016**
75. Alov P, Koleva M, Kastelova A. In vitro effects of calcium channel blockers and beta-adrenergic blockers on cytochrome p-450 content. Experimental and Toxicologic Pathology, 51, 4-5, Elsevier, 1999, ISSN:0940-2993. SJR:0.755, ISI IF:1.716

Izumupa ce ε:

1484. Cirrhotics Treated In Intensive Care Unit Have High Short Term Survival in the Absence of Extrahepatic Complications. Hepatology Research, Vol 5, No 2 (2016), , **@2016**
1485. Diltiazem Protects Hepatocytes from Damage Induced by Reactive Oxygen Species Through Activation of the ERK1/2 Pathway. Howard Smith, Greg J. Barritt, Journal of Gastroenterology and Hepatology Research, Vol 5, No 2 (2016), , **@2016**
76. Atanassov, Krassimir, Kreinovich, Vladik. Intuitionistic fuzzy interpretation of intetrvla data. Notes on Intuitionistic Fuzzy Sets, 12(1), 2006, 1-14.

Izumupa ce ε:

- 1486.** Samir Dey. Studies om mathematical programming methods for structure with imprecise parameters. Ph Engineering Science and Technology, Shibpur, India, 2016., **@2016**
- 77.** Ishpekova B., Milanov Iv., **Christova L.G., Alexandrov A.S.** Comparative analysis between Duchenne and Becker and Clinical Neurophysiology. vol 39. №5, 315-318, 1999.. 391998, 1999, 4
- Цитира се в:
- 1487.** Nojszewska M, Gawel M, Szmidt-Salkowska E, Kostera-Pruszczyk A, Potulska-Chromik A, Lusakowska D, Seroka A, Kaminska AM. Abnormal spontaneous activity in primary myopathic disorders. [10.1002/mus.25521.](https://doi.org/10.1002/mus.25521), **@2016**
- 78.** Daskalov I, **Christov I.** Electrocardiogram signal preprocessing for automatic detection of QRS boundaries. Medical and Biological Engineering and Computing, 2016, 54, 1, pp. 11-18. SJR:2.11, ISI IF:1.8
- Цитира се в:
- 1488.** Andrysiak T (2016) Machine learning techniques applied to data analysis and anomaly detection in ECG signals. [610-634.](https://doi.org/10.1007/s00392-016-1100-6), **@2016**
- 79.** Angelova, M., Tsoneva, I.. Interactions of DNA with giant liposomes. Chem. Phys. Lipids, 101, 1, 1999, ISSN: 0009-308X, [DOI: 10.1016/S0009-308X\(98\)80001-7](https://doi.org/10.1016/S0009-308X(98)80001-7)
- Цитира се в:
- 1489.** Single DNA molecules on freestanding and supported cationic lipid bilayers: Diverse conformational changes induced by the presence of DNA. Herold, C., Schwille, P., Petrov, E.P. Journal of Physics D: Applied Physics, 49, 7, 074001, **@2016**
- 80.** Christov I, Daskalov I. Filtering of electromyogram artifacts from the electrocardiogram. Medical Engineering and Physics, 2016, 38, 1, pp. 1-8. IF:1.82
- Цитира се в:
- 1490.** Barrios-Muriel J, Romero F, Alonso FJ, Gianikellis K (2016) A simple SSA-based de-noising technique for ECG signals. Biomedical Signal Processing and Control, 30, pp. 117-126, <http://www.sciencedirect.com/science/article/pii/S1369843316000307>
- 1491.** Cuomo S, De Pietro G, Farina R, Galletti A, Sannino G (2016) A revised scheme for real time ECG denoising. Biomedical Signal Processing and Control, 27, pp. 134-144., **@2016**
- 1492.** Валентин Цибулко (2016) Практиране изследване и анализ на методи и устройства за телеметрия. Дисертация за “Доктор”, Техн. Унив. – София, 127 стр., **@2016**
- 1493.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
- 1494.** Sbrollini A, Agostinelli A, Di Nardo F, Maranesi E, Mengarelli A, Fioretti S, Burattini L (2016) Evaluation of the performance of a novel algorithm for the denoising of electromyography signals. Int. Conf. on Engineering in Medicine and Biology Society, pp. 3622-3625., **@2016**
- 1495.** Sayyad RA, Mundada K (2016) Enhancement and denoising of ECG signal using extended Kalman filter. Electronics and Communication Engineering, 6, (1), pp. 22-26, <http://innovationjournals.com/ece%20vol%206%20issue%201%202016/>
- 1496.** Тулякова О, Трофимчук АН, Стрижак АЕ (2016) Алгоритмы фильтрации электрокардиограмм. Радіоелектронні і Комп’ютерні Системи, 2, (76), pp. 4-14, ISSN 1814-4225., **@2016**
- 1497.** Reinvee M, Pääsuke M (2016) Overview of contemporary low-cost sEMG hardware for applications in Human Factors and Ergonomics Society, 60, (1), pp. 408-412., **@2016**
- 1498.** Garg M, Kaur N (2016) ECG signal enhancement of b-cardia and t-cardia using genetic algorithm and wavelet transform. Journal of Electrical and Computer Engineering, 2016, 2016, pp. 1-6. <http://www.ijacms.com/submittedFiles/c509a6b0-95a5-46d1-8f3c-1a2a2a2a2a2a>
- 81.** Angelova, M. I., **R. Mutafchieva**, R. Dimova, B. Tenchov. Shape transformations of giant unilamellar vesicles. <http://www.ijacms.com/submittedFiles/c509a6b0-95a5-46d1-8f3c-1a2a2a2a2a2a>

Цитира се в:

1499. Alvares D. S., M. Perez Dos Santos Cabrera, J. Ruggiero Neto. Chapter-Two Strategies for Exploring the Interaction of Helical Antimicrobial Peptides with Model Membranes. In: Advances in Biomembranes. Academic Press, Eds. : A. Iglic, C. V. Kulkarni, M. Rappolt. DOI: 10.1016/bs.abl.2016.05.001. ISBN : 978-0-12-800801-6
82. Daskalov I, Christov I. Automatic detection of the electrocardiogram T-wave end. medical & biological engineering and computing. 2016, 1, pp. 1-72, DOI: 10.1016/j.mbi.2016.01.001, ISI IF:1.72

Цитира се в:

1500. Giuliani C, Agostinelli A, Di Nardo F, Fioretti S, Burattini L (2016) Automatic identification of the repolarization wave on a reduced number of leads. The Open Biomedical Engineering Journal, 10, pp. 43-50, http://www.iiste.org/Journals/index.php/OBJ/article/view/1043.pdf, @2016
1501. Ananthi S, Vignesh V, Hariprakash R, Padmanabhan K (2016) Remote monitoring of the heart conduction potential propagation time using a wireless sensor network. Int. J. of Engineering and Technology, 5(1), pp. 1-10, http://sparc.nfu.edu.tw/~ijeti/download/V6-no2-123-134.pdf, @2016
1502. Hasan MA, Abbott D (2016) A review of beat-to-beat vectorcardiographic (VCG) parameters for arrhythmia detection. Biomedical Engineering / Biomedizinische Technik, 61, 1, pp. 3-17, DOI: 10.1515/bmt-2015-0005, @2016
1503. Ananthi A, Vignesh A, Padmanabhan A (2016) Альтернатива диагностике Q-волны с использованием сердечного потенциала. Российский Кардиологический Журнал, 4, pp. 179-186, http://russjcardiol.ru/
1504. İşcan M, Yiğit F, Yilmaz C (2016) T-wave end pattern classification based on Gaussian mixture model. Conf., 16-19 May, Zonguldak, Turkey, pp. 1953-1956, @2016

2000

83. Angelov B., Mladenov I.. On the Geometry of Red Blood Cell. Geom. Integrability & Quantization, 1, 2000, 27-40, DOI: 10.1285/i-giq.v01n01p27

Цитира се в:

1505. Ostadfar A.: Biofluid Mechanics: Principles and Applications, Academic Press, 2016, ISBN: 978-0-12-800801-6
1506. Kang M.-Y. , D. Grebenkov, H. Guenard, I. Katz, B. Sapoval, R. Vaillancourt (2016) Laryngeal pathology detection by means of class-specific neural networks. IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 4, 1, IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 2000, ISSN:1089-7771, DOI: 10.1109/taes.2016.2525422, IF:1.542
84. Hadjitolorov, S, B. Boyanov, B. Teston. Laryngeal pathology detection by means of class-specific neural networks. IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 4, 1, IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 2000, ISSN:1089-7771, DOI: 10.1109/taes.2016.2525422, IF:1.542

Цитира се в:

1507. Rahib H. Abiyev and Sanan Abizade. Diagnosing Parkinson's Diseases Using Fuzzy Neural System. Hindawi Publishing Corporation, Parkinson's Disease, Volume 2016, Article ID 1267919, 9 pages, , @2016
1508. Derya Avci and Akif Dogantekin. An Expert Diagnosis System for Parkinson Disease Based on Genetic Algorithm. Hindawi Publishing Corporation, Parkinson's Disease, Volume 2016, Article ID 5264743, 9 pages, , @2016
1509. RH Abiyev, S Abizade. Diagnosing Parkinson's Diseases Using Fuzzy Neural System Computational Intelligence and Neuroscience, Volume 2016, Article ID 1267919, 9 pages, , @2016

85. Vladkova, R. Chlorophyll a self-assembly in polar solvent-water mixtures.. Photochemistry and Photo biology 86(2000)0710071CASAIP2.0.CO2, 71-83. ISI IF:2.266

Цитира се в:

1510. Ben Fredj A (2016) Theoretical Study of the Dimerization of Chlorophyll (a) and Its Hydrates: Implications for the Photosynthetic Reaction Center. *Acta* 99: 1–13, [@2016](#)

1511. Komatsu H, Wada K, Kanjoh T, Miyashita H, Sato M, Kawachi M, Kobayashi M (2016) Unique Physicochemical properties of divinyl chlorophylls, and the discovery of monovinyl chlorophyll b from Prochlorococcus NIES-2086”, *Photosynth. Res.* DOI: 10.1007/s11120-016-0283-5, [@2016](#)

1512. Kobayashi M, Sorimachi Y, Fukayama D, Komatsu H, Kanjoh T, Wada K, Kawachi M, Miyashita H (2016) Physicochemical Properties of Chlorophylls and Bacteriochlorophylls, Chapter 6, pp 95–147. In: Handbook of Chlorophylls and Bacteriochlorophylls (Ed.), CRC Press, Taylor & Francis Group, Boca Raton. ISBN: 978-1-4822-3075-8, [@2016](#)

1513. Petrović SM (2016) STABILNOST HLOROFILA NA OKSIDACIONI STRES U VODENOM MEDIJU (2016) STABILNOST HLOROFILA NA OKSIDACIONI STRES U VODENOM MEDIJU (STABILITY OF CHLOROPHYLL ON OXIDATIVE STRESS IN WATER MEDIUM AND IN LIPOSOMES), Doctoral thesis, University of Belgrade, Faculty of Technology and Metallurgy, Department of Chemical Sciences, Leskovac, Serbia, [@2016](#)

- 86. Maslenkova L., Homann P.** Stabilized S₂ state in leaves of the desiccation tolerant resurrection fern *Polypodium*. Издательство на БАН, 2000. 99-102. ISI IF:0.123

Цитира се в:

1514. Abdel, C. G. (2016). Hood desiccation leaves performance of 16 droughted and irrigated barley (Hordeum vulgare L.) cultivars. *American Journal of Agricultural and Allied Sciences* 5, 2, 168-184. [@2016](#)

- 87. Jekova I.** Comparison of five algorithms for the detection of ventricular fibrillation from the surface ECG. *Pt JE*:1 808

Иумура се въ

1515. Tripathy, R.K., Sharma, L.N., Dandapat, S., 2016, "Detection of Shockable Ventricular Arrhythmia using Medical Systems, 40 (4), 79, pp. 1-13, [@2016](#)

1516. Sadr, N., Huvanandana, J., Nguyen, D.T., (...), McEwan, A., De Chazal, P., 2016, "Reducing false arrhythmic and robust QRS detection", Physiological Measurement, 37 (8), pp. 1340-1354, [@2016](#)

1517. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, et al., 2016, "Machine Learning Techniques for Automated External Defibrillators", PLoS ONE 11(7): e0159654, [@2016](#)

1518. Verma A, Dong X, 2016, "Detection of Ventricular Fibrillation Using Random Forest Classifier", J. Biom. 259-268, [@2016](#)

88. Atanassov, K. T., Two theorems for intuitionistic fuzzy sets. *Fuzzy Sets and Systems*, 110, 2, Elsevier, 2000, 261-267.

Цитира се в:

1519. Biswas, A., De, A.K., An efficient ranking technique for intuitionistic fuzzy numbers with its application Advances in Fuzzy Systems, 2016, art. no. 6475403., [@2016](#)

1520. Jin, F., Ni, Z., Chen, H., Interval-valued hesitant fuzzy Einstein prioritized aggregation operators and making, 2016, Soft Computing, 20, 5, pp. 1863-1878., [@2016](#)

1521. Jin, F., Ni, Z., Chen, H., Li, Y., Zhou, L., Multiple attribute group decision making based on interval- Computers and Industrial Engineering, 101, pp. 103-115., [@2016](#)

1522. Ohlan, A., Intuitionistic fuzzy exponential divergence: Application in multi-attribute decision making, 2016, 3, pp. 1519-1530., [@2016](#)

1523. Peng, J.-J., Wang, J.-Q., Wang, J., Zhang, H.-Y., Chen, X.-H., Simplified neutrosophic sets and their applications in decision problems, 2016, International Journal of Systems Science, 47, 10, pp. 2342-2358., **@2016**
1524. Sayyadi Tooranloo, H., Ayatollah, A.S., A model for failure mode and effects analysis based on fuzzy computing, Computing Journal, 49, pp. 238-247., **@2016**
1525. Wei, G., Alsaad, F.E., Hayat, T., Alsaedi, A., Hesitant fuzzy linguistic arithmetic aggregation operators in the Journal of Fuzzy Systems, 13 , 4, pp. 1-16., **@2016**
1526. Yan, K., Cheng, Y., Tao, F., A trust evaluation model towards cloud manufacturing, 2016, International Journal of Web Engineering and Technology, 84, 1-4, pp. 133-146., **@2016**
1527. Zhang, H., Wang, J., Chen, X., An outranking approach for multi-criteria decision-making problems with incomplete information, Journal of Computer and Applications, 27, 3, pp. 615-627., **@2016**

89. **Stepanova DI**, Mileva K. Different effects of blocked potassium channels on action potentials, accommodation and recovery in motor and sensory myelinated nerve fibres: computer simulations. Biol Cybern, 83, <http://link.springer.com/10.1007/BF00202713>

Цитира се:

1528. Volman V, Ng LJ. : Perinodal glial swelling mitigates axonal degradation in a model of axonal insulation. J Neurosci, 36, 10, pp. 10167-10175., **@2016**
- 90.** **Tomov, T., Tsoneva, I.,**.. Are the stainless steel electrodes inert?. Bioelectrochemistry and Bioenergetics, 53, 2002, 1-10, IF:1.052

Цитира се:

1529. Rosazza, C., Meglic, S.H., Zumbusch, A., Rols, M.-P., Miklavcic, D. Gene electrotransfer: A mechanism of gene delivery. Gene Therapy, 2016, 16, 2, 98-129, **@2016**
1530. G Saulis, R Rodaitė-Riševičienė, Electrochemical Processes During High-Voltage Electric Pulses and their Application in Food Biotechnology..., 2016, **@2016**

91. **Mladenov I.**, Angelov B.. Deformations of Minimal Surfaces. Geom. Integrability & Quantization, 1, 2000, 163-182, IF:0.5

Цитира се:

1531. 59. Lam, W. Y, Infinitesimal Deformations of Discrete Surfaces- PhD Dissertation, TU Berlin 2016., **@2016**

92. **Raikova , R.** Some mechanical considerations on muscle coordination. Motor Control, 4, 2000, 89-96. ISI IF:1.052

Цитира се:

1532. Rainoldi, A., Moritani, T., Boccia, G.EMG in Exercise Physiology and Sports Medicine, 2016, 1-10, <http://dx.doi.org/10.1002/9781119082934.ch19> DOI - 10.1002/9781119082934.ch19, **@2016**

93. Cseh, Z., Rajagopal, S., Tsonev, T., **Busheva, M.**, Papp, E., Garab, G.. Thermooptic effect in chloroplast thylakoid membranes: comparison of different pigment arrays with different levels of structural complexity. Biochemistry, 39, 49, American Chemical Society, 2016, 15250-15257. ISI IF:4.221

Цитира се:

1533. Karlický V., Kurasová I., Ptáčková B., Večeřová K., Urban O., Špunda V., Enhanced thermal stability of photosynthetic membranes: comparison with selected angiosperms, Photosynthesis Research, May 2016, DOI: 10.1007/s11120-016-0930-2

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

Цитира се в:

1534. Валентин Цибулко (2016) Праектиране изследване и анализ на методи и устроиства за телеметри
Дисертация за “Доктор”, Техн. Унив. – София, 127 стр., **@2016**

2001

95. Bortolan G, Christov I. Myocardial infarction and ischemia characterization from T-loop Morphology in VCGs. **SJR:0.396**

Цитира се в:

1535. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. **Int. J. of Bioautomation, 20, (1), pp., @2016**

96. Stephanova DI. Myelin as longitudinal conductor: a multi-layered model of the myelinated human motor nerve. **ISSN:0340-1200, 301-308. ISI IF:1.713**

Цитира се в:

1536. Zaidman NA. : The role of hydrocortisone on the development and maintenance of ion transport in differentiated normal human bronchial epithelial cells PhD Thesis, University of Minnesota, USA, **@2016**

97. Wiese, M., Pajeva, I.. Structure-activity relationships of multidrug resistance reversers. **Curr. Med. Chem, 8, 2016**

Цитира се в:

1537. Sudip Pan , Ashutosh Gupta , Debesh R . Roy , Rajesh K . Sharma , Venkatesan Subramanian , Analytical Conceptual Density Functional Theory in Developing QSAR Models and their Usefulness in the Prediction of Molecules. Chapter 6 In: Chemometrics Applications and Research: QSAR in Medicinal Chemistry. Edited by S. Sivakumar, Apple Academic Press 2016, 183–214., **@2016**

1538. de Mello, JC; Moraes, VWR; Watashi, CM; da Silva, DC; Cavalcanti, LP; Franco, MKKD; Yokaichiyanagi, A. Chlorpromazine antitumor activity by Pluronics F127/L81 nanostructured system against human multidrug resistant RESEARCH, 111 102-112; 10.1016/j.phrs.2016.05.032 SEP 2016, **@2016**

1539. Hussain, SA; Sulaiman, AA; Balch, C; Chauhan, H; Alhadidi, QM; Tiwari, AK. Natural Polyphenols as Potential CANCER-AN INTERNATIONAL JOURNAL, 68 (6):879-891; 10.1080/01635581.2016.1192201 2016,

98. Todorova, L., J. Sorsich. Generalized net model of the mechanical ventilation process. 2001

Цитира се в:

1540. Stefanova-Pavlova, M., Andonov, V., Tasheva, V., Gateva, A., Stefanova, E. Generalized nets in medicine and diabetes. Studies in Fuzziness and Soft Computing. 2016, 332, pp. 327-357, **@2016**

99. Christova P., Kossev A.. Human motor unit recruitment and derecruitment during long lasting intermittent contractions. **ISSN:10506411, 189-196. ISI IF:1.145**

Цитира се в:

1541. Kavanagh JJ, Feldman MR, Simmonds MJ (2016) J. Neurophysiol., 116(5): 2272-2280., **@2016**

100. Kossev A., Siggelkow S., Kappels, H.-H., Dengler R., Rollnik J.D.. Crossed effects of muscle vibration on motor unit activity. **2001, ISSN:13882457, 453-456. ISI IF:1.922**

Цитира се в:

1542. Collins K (2016) Investigation of Upper Limb Kinematics and Corticospinal Pathway Activity Early After Stroke. *Journal of Rehabilitation Medicine*, 48(1), 12-17., [@2016](#)
1543. Hernandez-Mocholi MA, Dominguez-Muñoz FJ, Corzo H, Silva SCS, Adsuar JC, Gusi N (2016) Journal of Rehabilitation Medicine, 48(1), 12-17., [@2016](#)
1544. Kaut O, Becker B, Schneider C, Zhou F, Fliessbach K, Hurlemann R, Wüllner U (2016) Journal of Rehabilitation Medicine, 48(1), 12-17., [@2016](#)
1545. Karim AY (2016) Use of whole body vibration to enhance performance in dancers., Texas Woman's University, 10(1), 1-10., [@2016](#)

101. Raikova , R., Prilutsky, B.I.. Sensitivity of predicted muscle forces to parameters of the optimization-based human movement analyses. *Journal of Biomechanics*, 34, Elsevier, 2001, 1243-1255. ISI IF:2.784

Izumupa ce ε:

1546. Z. El Ouaid, A. Shirazi-Adla, , A. Plamondon, Effects of variation in external pulling force magnitude on lumbar spine loads and stability . *Journal of Biomechanics*, Volume 49, Issue 6, 11 April 2016, Pages 942-947., [@2016](#)
1547. Florent Moissenet, Laurence Chèze and Raphaël Dumas. Influence of the Level of Muscular Redundancy on the Biomechanical Efficiency of the Human Lower Limb. *Journal of Biomechanics*, 49(2), 021019 (Jan 27, 2016) (6 pages) Paper No: BIO-15-1513; doi: 10.1115/1.4032127, [@2016](#)
1548. C. S. FLORIO, MUSCLE FORCE MAGNITUDES IN THE HUMAN LEG FOR ISOMETRIC EXERCISES IN VARIOUS DIRECTIONS AND JOINT ANGLES. *J. Mech. Med. Biol.*, 16, 1650083 (2016) DOI: <http://dx.doi.org/10.1142/S021951941650083>
1549. Estimation of muscle forces in gait using a simulation of the electromyographic activity and numerical optimization. Crespo & Ariel Andrés Antonio Braidot, *Journal Computer Methods in Biomechanics and Biomedical Engineering*, 2016, 1-10., [@2016](#)

102. Atanassov, Krassimir. On four intuitionistic fuzzy topological operators. *Mathware & soft computing*, 8, 1, 2001, 1-10., [@2001](#)

Izumupa ce ε:

1550. Ngan, S. C. (2016). An activation detection based similarity measure for intuitionistic fuzzy sets. *Expert Systems with Applications*, 51, 1-10., [@2016](#)

103. Atanassov, K. T., Nikolov, N. G., Aladjov, H. T.. Remark on two operations over intuitionistic fuzzy sets. *International Journal of Intelligent Systems*, 16(1), 71-75., [@2001](#)

Izumupa ce ε:

1551. Mousavi, S. M., & Vahdani, B. (2016). Cross-docking location selection in distribution systems: a new approach. *International Journal of Computational Intelligence Systems*, 9(1), 91-109., [@2016](#)
1552. Mousavi, S. M., Vahdani, B., & Behzadi, S. S. (2016). Designing a model of intuitionistic fuzzy sets for solving multi-objective problems. *Iranian Journal of Fuzzy Systems*, 13(1), 45-65., [@2016](#)
1553. Jamkhaneh, Ezzatallah Baloui. "New Operations over Generalized Interval Valued Intuitionistic Fuzzy Sets". *Journal of Intelligent & Fuzzy Systems*, 30(3), 667-674., [@2016](#)
1554. Çuvalcioğlu, G. (2016). One, Two and Uni-type Operators on IFSs. In *Imprecision and Uncertainty in Intelligent Systems* (pp. 67-71). Springer International Publishing., [@2016](#)

104. Christov I, Bortolan G, Daskalov I. Sequential analysis for automatic detection of atrial fibrillation and flutter. *Journal of Clinical Monitoring and Computing*, 30(1), 1-10., [@2016](#) SJR:0.396

Izumupa ce ε:

1555. Usha Desai, Roshan Martis, Nayak C, Seshikala G, Sarika K, Shetty K (2016) Decision support system based on DWT and EMD methods: A comparative study. *J. of Mechanics in Medicine and Biology*, 16, (1), 19 pages., [@2016](#)
1556. Maji U, Mondal S, Biswas A, Barman I, Pal S (2016) Characterizing cardiac arrhythmia by optimized wavelet transform. *Journal of Electrical Engineering, Control, Instrumentation, Energy & Communication*, 28-30 Jan., Kolkata, India, pp. 163-167., [@2016](#)

1557. Daqrouq K, Dobaie A (2016) Wavelet based method for congestive heart failure recognition by Mathematical Methods in Medicine, 11 pages, <http://downloads.hindawi.com/journals/cmmm/2016/7359>
1558. Satyarth Sharma (2016) Detection of atrial fibrillation in electrocardiogram signals using tunable-Q Technology Indore, 44 pages, <http://dspace.iiti.ac.in:8080/jspui/bitstream/123456789/307/1/MT13.pdf>,
1559. Usha Desai, Roshan Martis, Rajendra Acharya, C Nayak (2016) Diagnosis of multiclass tachycardia ensemble classifiers. J. of Mechanics in Medicine and Biology, 16, (2), 21 pages, **@2016**

105. **Velitchkova, M, Popova, AV**, Markova, TZ. Effect of Membrane Fluidity on Photoinhibition of Isolated Thylakoids. Z. Naturforsch. C, 56, 2001, 369-374. ISI IF:0.552

Цитира се:

1560. Yasusi Yamamoto (2016) Quality Control of Photosystem II: The Mechanisms for Avoidance and Tolerance to Membrane Fluidity of the Thylakoids. Frontiers of Plant Sci. Volume 7 | Article 1136., **@2016**

106. **Christov I**, Bortolan G, Daskalov I. Automatic detection of atrial fibrillation and flutter by wave rectification 217-221

Цитира се:

1561. Satyarth Sharma (2016) Detection of atrial fibrillation in electrocardiogram signals using tunable-Q Technology Indore, 44 pages, <http://dspace.iiti.ac.in:8080/jspui/bitstream/123456789/307/1/MT13.pdf>,

2002

107. **Hadjitodorov S**, Mitev P.. A computer system for acoustic analysis of pathological voices and laryngeal diseases. PHYSICS, 24, 6, ELSEVIER SCI LTD, 2002, DOI:10.1016/S1350-4533(02)00031-0, 419--429. SJR:1.028, ISI IF:0.552

Цитира се:

1562. Hemmerling, Dania; Skalski, Andrzej; Gajda, Janusz. Voice data mining for laryngeal pathology assessment 270-276; 10.1016/j.combiomed.2015.07.026, FEB 1 2016, , **@2016**

1563. Huang, D.-Y., Dong, M., Li, H. Combining multiple kernel models for automatic intelligibility detection. IEEE International Conference on Acoustics, Speech and Signal Processing -2016-May, art. no. 7472926

1564. Wu, K., Zhang, D., Lu, G. iPEEH: Improving pitch estimation by enhancing harmonics, Expert Syst Appl 329, **@2016**

1565. Tatiana Villa Cañas, Metodología de análisis tiempo-frecuencia para la evaluación automática de la voz. Universidad de Antioquia, Facultad de Inginiería, Departamento de Electrónica y Telecomunicaciones, **@2016**

108. **Tzoneva, R.**, Heuchel, M., Groth, T., Altankov, G., Albrecht, W., Paul, D.. Fibrinogen adsorption and platelet aggregation on polyurethane biomaterials. Biomaterials Science, 13, 9, Polymer, 2002, ISSN:1568-5624, DOI:10.1163/156856202760319171, 1033-1050.

Цитира се:

1566. Endothelialization of polyurethanes: Surface silanization and immobilization of REDV peptide, BA Butadiene and Surfaces B: Biointerfaces, **@2016**

1567. Evaluation of blood cells and proteins spreading on imidic polymers containing alicyclic sequences, LI Biomaterials Research, 16, 1, Polymer, 2002, ISSN:1568-5624, DOI:10.1163/156856202760319171, 1033-1050.

109. **Kossev A.R.**, Schrader C., Däuper J., Dengler R., Rollnik J.D.. Increased intracortical inhibition in middle-aged

magnetic stimulation.. Neurosci. Lett., 333, 2002, ISSN:03043940, 83-86. ISI IF:2.1

İlumupa ce e:

1568. Rambour M, Caux-Dedeystère A, Devanne H, Defebvre L, Derambure P, Delval A (2016) Neurosci. Lett., 633, 2016, ISSN:03043940, 10-13., **@2016**
1569. Opie GM, Semmler JG (2016) Brain Stim., 9(2):258-267., **@2016**
1570. Papegaaij S, Baudry S, Négyesi J, Taube W, Hortobágyi T (2016) Intracortical inhibition in the soleus muscle during standing in both young and old adults. Eur. J. Appl. Physiol., 116(5): 959-967., **@2016**
1571. Shibuya K, Park SB, Geevasinga N, Huynh W, Simon NG, Menon P, Howells J, Vucic S, Kiernan, M. J., 2361., **@2016**
1572. Bhandari A (2016) Evaluating the Neurophysiological Effects of Late-Life Depression using Transcranial Magnetic Stimulation. University of Toronto (Thesis) ., **@2016**
1573. Collins K (2016) Investigation of Upper Limb Kinematics and Corticospinal Pathway Activity Early After Stroke. University of Western Ontario (Thesis), **@2016**
1574. Sale MV, Lavender AP, Opie GM, Nordstrom MA, Semmler JG (2016) Increased intracortical inhibition and reduced excitability in the primary motor cortex during rhythmic hand movement: A TMS study. Clin. Neurophysiol., 127(1): 635-640., **@2016**
1575. Cueva AS, Galhardoni R, Cury RG, Parravano DC, Correa G, Araujo H, Cecilio SB, Raicher I, Toledo I, Díaz DC (2016) Neurophysiologie Clinique/Clinical Neurophysiology, 46(1):43-51., **@2016**
1576. Bhandari A, Radhu N, Farzan F, Mulsant BH, Rajji TK, Daskalakis ZJ, Blumberger DM (2016) Clinical Neurophysiol., 127(1): 635-640., **@2016**
1577. Goodwill AM (2016) Transcranial direct-current stimulation and functional training: a novel neurorehabilitation strategy for stroke. University of Western Ontario (Thesis), **@2016**

110. Siggelkow S., **Kossev A.**, Moll C., Däuper J., Dengler R., Rollnik J.D.. Impaired sensorimotor integration in cerebellar stroke patients after repetitive transcranial magnetic stimulation and muscle vibration.. J. Clin. Neurophysiol., 19, 2002, 232-239. ISI IF:2.142

İlumupa ce e:

1578. Öztürk O, Gündüz A, Kızıltan ME (2016) Deficient median nerve prepulse inhibition of the blink reflex in patients with cervical radiculopathy. Clin. Neurophysiol., 127(1): 3524-3528., **@2016**

111. Rollnik J.D., Wüstefeld S., Däuper J., Karst M., Fink M., **Kossev A.**, Dengler R.. Repetitive transcranial magnetic stimulation in multiple sclerosis: a pilot study.. Eur. Neurol., 48, 2002, ISSN:00143022, 6-10. ISI IF:1.104

İlumupa ce e:

1579. Adams M (2016) " Sentio, ergo sum." Therapie somatosensorischer Beeinträchtigungen nach Schlaganfall. University of Regensburg (Thesis), **@2016**
1580. Woodbury A, Soong SN, Fishman D, García PS (2016) Traitements de médecine complémentaire et alternative dans la prise en charge du patient clinicien de la douleur: un compte rendu narratif | [Complementary and alternative medicine therapies in pain management: a narrative review]., Can. J. Anesthesia, 63(1): 69-85., **@2016**
1581. Pommier B, Creach C, Beauvieux V, Nuti C, Vassal F, Peyron R (2016) Eur. J. Pain, 20(6): 907-916., **@2016**
1582. Ambriz-Tututi M, Alvarado-Reynoso B, Drucker-Colín R (2016) Bioelectromagnetics, 37(8): 527-535., **@2016**
1583. Micozzi MS, Dibra S (2016) Common Pain Conditions: A Clinical Guide to Natural Treatment. Springer International Publishing, 9780323430241., **@2016**
1584. Platz T (2016) Therapeutic rTMS in Neurology: Applications, Concepts, and Issues. In: In Therapeutic rTMS in Neurology: Applications, Concepts, and Issues. (Thomas P, ed.) Springer International Publishing, 2016, DOI: 10.1007/978-3-319-32343-0_21
1585. Lefaucheur J-P (2016) rTMS in the Treatment of Neuropathic Pain. In: Therapeutic rTMS in Neurology: Applications, Concepts, and Issues. (Thomas P, ed.) Springer International Publishing, 9780323430241., **@2016**

Recommendations. (Thomas P, ed.) Springer International Publishing, 2016, DOI: 10.1007/978-3-319-2

1586. Onesti E, Gori MC, Frasca V, Inghilleri M (2016) World J Anesthesiol 2016; 5(1): 15-27., @2016
112. Rollnik J.D., Düsterhöft A., Däuper J., **Kossev A.**, Weissenborn K., Dengler R.. Decrease of middle cerebellar repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex.. Clin. Neurophysiol., 113, 2002, ISI IF:2.12

Цитира се:

1587. Kumar N, Kumar S, Gupta, R (2016) Journal of Neuropsychiatry, 2(1): 1-11, http://neuropsychiatry.imedmgr.com
1588. Mishra BR, Maiti R, Nizamie SH (2016) J. Neuropsych.Clin.Neuroscie., 28 (4): 319-324., @2016
1589. Wang H, Yuan H, Mu X (2016) Chinese Journal of Rehabilitation Medicine, 31(9), 936-940., @2016

113. **Hristova, N.I., Angelova, M.I., Tsoneva, I.**. An experimental approach for direct observation of the interaction of vesicles. 58, 1, Bioelectrochemistry, 2002, 65-73. ISI IF:4.17

Цитира се:

1590. Inward multivesiculation at the basal membrane of adherent giant phospholipid vesicles Authors of Document: Christov I. Acta - Biomembranes, 1858, 793-799, @2016
114. Bortolan G, Bressan M, **Christov I.** Longitudinal modifications of the T-loop morphology. Computers in Cardiology, 688. SJR:0.506

Цитира се:

1591. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., @2016
115. Groth Th., Altankov G, **Kostadinova A, Krasteva N**, Albrecht W, Paul D. Interaction of Human Skin Fibroblast Copolymer Membranes. Journal of Biomedical Materials Research, 61, 2, Heterocorporation, 2002, ISSN:0021-9304, ISI IF:1.95

Цитира се:

1592. Thermoresponsive polyurethane/siloxane membrane for wound dressing and cell sheet transplantation: In vitro characterization. Int. J. of Bioautomation, 20, (1), pp., @2016
116. **Matveev M**, Prokopova. Diagnostic value of the RR-variability indicators for mild hypertension. Physiological Measurement, 2002, 23, 113-120.

Цитира се:

1593. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, @2016

117. **Raikova , R.**, Aladjov, H.. Hierarchical genetic algorithm versus static optimization - investigation of elbow joint biomechanics. Journal of Biomechanics, 35, Elsevier, 2002, 1123-1135. ISI IF:2.784

Цитира се:

1594. Daniela Sánchez , Patricia Melin, Oscar Castillo (2016) Optimization of Type-1 and Type-2 Fuzzy Logic Controllers: Developments and New Direction in Soft-Computing Foundations and Applications, Volume 342 of the Series: Studies in Fuzziness and Soft Computing, 127-139 Date: 26 May 2016, @2016
118. Gotchev A, **Christov I**, Egiazarian K. Denoising the electrocardiogram from electromyogram artifacts by combining wavelet and local linear regression method. Int. Conf. Acoustics, Speech and Signal Processing, 2002, 3872-3875. SJR:0.88

Цитира се в:

1595. Сергеєв-Горчинський Олексій Олександрович (2016) Методи та моделі підвищення завадостійкості медичного призначення, PhD thesis, Київський Політехнічний Університет, http://er.nau.edu.ua:8080/bitstream/NAU/18564/4/Sergeev_Diss.pdf, @2016

119. Mladenov I.. Quantization on Curved Manifolds. 3, 2002, 64-102

Цитира се в:

1596. Shikakhwa M. and N. Chair, Eur. J. Phys. 38, 2017, 015402 (11pp)., @2016

120. Jekova I, Mitev P. Detection of ventricular fibrillation and tachycardia from the surface ECG by a set of parameters. Measurement, 23, 2002, 629-634. ISI IF:1.808

Цитира се в:

1597. Verma A, Dong X, 2016, "Detection of Ventricular Fibrillation Using Random Forest Classifier", J. Bioinform. Comput. Biom., 14(1), 259-268, @2016

121. Atanassov, K. T., Atanassova, V., Shannon, A., Turner, J.. New visual perspectives on Fibonacci numbers. World Scientific, 2016.

Цитира се в:

1598. Parizi, M. N., & Gordji, M. E. (2016). On Tribonacci functions and Tribonacci numbers. Computer Science Journal of Moldova, 24(1), 1-10.

1599. Bhatnagar, Shikha, and Omprakash Sikhwal. (2016) "Additive Pulsating Fibonacci Sequences and Some Properties", International Journal of Mathematics and Computation, Volume 1, Issue1, 149-160., @2016

1600. Bhatnagar, S., & Sikhwal, O. (2016). On Second Order Additive Coupled Fibonacci Sequences. Mathematical Sciences, 38., @2016

1601. Barabash, G. M., Ya M. Kholyavka, and I. V. Tytar. "Periodic words connected with the Fibonacci words", International Journal of Mathematics and Computation, 2016(1): 11-15., @2016

1602. İpek, A. On (p, q)-Fibonacci quaternions and their Binet formulas, generating functions and certain binomial identities. International Journal of Mathematics and Computation, 2016(1): 1-9. doi:10.1007/s00006-016-0704-8, @2016

1603. Suvarnamani, A., & Tatong, M. (2016). Multiplicative Pulsating 3-Fibonacci Sequence. Math Journal, 61(688), 15-25., @2016

122. Pajeva, I., Wiese, M.. Pharmacophore model of drugs involved in P-glycoprotein multidrug resistance: exploring the mechanism of action. International Journal of Pharmaceutics, 45, 26, 2002, 5671-5686. ISI IF:4.566

Цитира се в:

1604. Pan, X., Mei, H., Qu, S., Huang, S., Sun, J., Yang, L., Chen, H. Prediction and characterization of P-glycoprotein binding sites by emerging chemical pattern and hierarchical cluster analysis INTERNATIONAL JOURNAL OF PHARMACEUTICS, 50(1), 10.1016/j.ijpharm.2016.02.022 APR 11 2016., @2016

1605. Pomilio AB, SM Battista, AA Vitale. Antimicrobial and immunosuppressive activities of cyclopeptides. Chemometrics Applications and Research: QSAR in Medicinal Chemistry, A. G. Mercader, P. R. Duchesne, 2016, 253-298., @2016

1606. Matsson, P; Doak, BC; Over, B; Kihlberg, J. Cell permeability beyond the rule of 5, ADVANCED DRUG DELIVERY REVIEWS, 10.1016/j.addr.2016.03.013 JUN 1 2016., @2016

1607. Price, Daniel F. 2015 Examining the selectivity in the impact of pulmonary P-gp upon the absorption of cyclosporine in mice. PhD Thesis, Cardiff University, 2015, pp.176, @2016

1608. Ngo, T.-D., Tran, T.-D., Le, M.-T., Thai, K.-M. Machine learning-, rule- and pharmacophore-based classification of P-glycoprotein substrates. International Journal of Pharmaceutics, 50(1), 10.1016/j.ijpharm.2016.02.022 APR 11 2016., @2016

1609. Gherbovet, O; Alvarez, MCG; Bignon, J; Roussi, F. Original Vinca Derivatives: from P-Glycoprotein Medicinal Chemistry, JOURNAL OF MEDICINAL CHEMISTRY, 59 (23):10774-10780; 10.1021/acs.jm
1610. Venkata Krishnan Ramaswamy, Pierpaolo Cacciotto, Giuliano Mallochi, Paolo Ruggerone, Attilio V. Var Characterized by Computational Modeling. In: Efflux-Mediated Antimicrobial Resistance in Bacteria. Zgurskaya), Springer International Publishing, Nov 2016, pp. 797-831, @2016
1611. Mittra, Rituparna, Coyle, Ellen M., Callaghan, Richard. Just How and Where Does P-glycoprotein Bind on, Ed. A. M. George, Springer International Publishing, pp. 153-194, 2016. <http://dx.doi.org/10.1007/97>
123. **Tzoneva, R.**, Groth, T., Altankov, G., Dieter, P.. Remodeling of fibrinogen by endothelial cells in deper substratum wettability. Journal of Materials Science: Materials in Medicine, 13, 12, 2002, ISSN:1573-4838 IF:2.587

Цитира се в:

1612. Nanotechnology in Coronary Artery Stent Coating T Liu, J Chen - Biomedical Nanomaterials, @2016
124. **Krasteva V**, Papazov S, Daskalov I. Estimation of current density distribution under electrodes for external BioMed Central, 2002, ISSN:1475-925X, DOI:10.1186/1475-925X-1-7, 7. SJR:0.454, ISI IF:1.43
- Цитира се в:
1613. Taheri A, Mansoori P, Bahrami N, Alinia H, Watkins C, Feldman S, (2016), How frequency of electrostimulation electrocoagulation, Dermatologic Surgery, Vol. 42(2), pp. 197–202, doi: 10.1097/DSS.000000000000055
125. **Krasteva V**, Papazov S, Daskalov I. Magnetic stimulation for non-homogeneous biological structures. BioMed Central, 2002, ISSN:1475-925X, DOI:10.1186/1475-925X-1-3, 3. SJR:0.454, ISI IF:1.43

Цитира се в:

1614. Makarov SN, Yanamadala J, Piazza MW, Helderman AM, (2016), Preliminary Upper Estimate of Peak Distant Locations from a TMS Coil, IEEE Transactions on Biomedical Engineering, 63(9), pp. 1944 - 1949
1615. Danilov AA, Mindubaev EA, Selishchev SV, (2016), Design and Evaluation of an Inductive Powering Computing, Progress In Electromagnetics Research B, vol. 69, pp. 61–73, ISSN: 1937-6472; <http://dx.doi.org/10.2514/6-2016-040>, @2016
126. **Atanassov, Krassimir**. Remark on a property of the intuitionistic fuzzy interpretation triangle. Notes on Intuitionistic Fuzzy Sets, 22(2), 1-10., @2016

Цитира се в:

1616. Zhou, L. (2016). On Atanassov's Intuitionistic Fuzzy Sets in the Complex Plane and the Field of Intuitionistic Fuzzy Systems, 24(2), 253-259., @2016
127. **Mladenov I.** New Solutions of the Shape Equation. Eur. Phys. J. B, 29, 2002, 327-330. ISI IF:1.35
- Цитира се в:
1617. Zhang Y. H., McDargh Z., Tu Z. C., arxiv:1611.07747v1, @2016
1618. Rautu S., Nonlinear Shape Deformation of Membranes Near Rigid Inclusions: Exact Solutions, Arxiv - 1611.07747v1
1619. Gurses M. and Tek S., Geom. Integrability & Quantization, 27 (2016) 13-71, doi:10.7546/giq-17-2016-11-01
1620. Galbo Ph. and Barg M., Am. J. Und. Res., 13 (2016) 41-49., @2016

128. **Atanassov, Krassimir**. On index matrix interpretations of intuitionistic fuzzy graphs. Notes on Intuitionistic Fuzzy Sets, 22(2), 1-10., @2016

Llumupa ce e:

1621. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
129. Groth T, Seifert B, Malsch G, Albrecht W, Paul D, Kostadinova A, **Krasteva N**, Altankov G. Interaction of polyacrylonitrile-copolymer membranes.. Journal of Biomedical Materials Research, 61, 2, Wiley, 2002, 290-300.

Llumupa ce e:

1622. Rezapour-Lactoee, A., Yeganeh, H., Ostad, S.N., Gharibi, R., Mazaheri, Z., Ai, J. Thermoresponsive polymers and cell sheet transplantation: In-vitro and in-vivo studies, Materials Science and Engineering C 69, (1), p.

2003

130. **Kossev A.R.**, Siggelkow S., Dengler R., Rollnik J.D.. Intracortical inhibition and facilitation in paired-pulse conditioning stimulus intensity on sizes and latencies of motor evoked potentials.. J. Clin. Neurophysiol., 20, 2, IF:2.294

Llumupa ce e:

1623. Klooster DCW, de Louw AJA, Aldenkamp AP, Besseling RMH, Mestrom RMC, Carrette S, Zinger S, Breuer ELEM, Bernas A, Tijhuis AG, Boon P (2016) Technical aspects of neurostimulation: Focus on clinical protocols. Neuroscience & Biobehavioral Reviews, 65: 113-141., **@2016**
1624. Brunoni AR (2016) Princípios e Práticas do Uso da Neuromodulação Não Invasiva em Psicofarmacologia, 9788582713525., **@2016**
1625. Goodwill AM (2016) Transcranial direct-current stimulation and functional training: a novel neurorehabilitation approach (Thesis), **@2016**

131. Bazhyna A, **Christov I**, Gotchev A, Daskalov I, Egiazarian K. Powerline Interference Suppression in High-Resolution Video Coding, 561-564. SJR:0.396

Llumupa ce e:

1626. Daluwatte C, Johannessen L, Galeotti L, Vicente J, Strauss DG, Scully CG (2016) Assessing ECG signal quality from pathologically different arrhythmic ECGs. Physiological Measurement, 37, (8), 1370., **@2016**
1627. Razzaq N, Salman M, Zaidi T (2016) An intelligent adaptive filter for elimination of power line interference. IEEE Access, 12 pages, <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7445148>, **@2016**
1628. Simone Benatti (2016) Advanced interfaces for HMI in hand gesture recognition. PhD thesis, Alma Mater Studiorum Università di Bologna, http://amsdottorato.unibo.it/7448/1/Benatti_Simone_tesi.pdf, **@2016**

132. Minkova, K.M., Tchernov, A.A., Tchorbadjieva, M.I., Fournadjieva, S.T., Antova, R.E., **Busheva, M.C.** (2003) Isolation of (Arthrosira) fusiformis.. Journal of Biotechnology, 102, 2003, DOI:10.1016/S0168-1656(03)00004-X, 55-59. ISI

Llumupa ce e:

1629. Hou Y., Yan M., Wang Q., Wang H., C-phycocyanin from Spirulina maxima as a green fluorescent probe for detection of protein in seafood, Food Analytical Methods, •December 2016, DOI: 10.1007/s12161-016-0759, **@2016**
1630. Nozue, S., Mukuno, A., Tsuda, Y., Kumazaki, S., Characterization of thylakoid membrane in a heterotrophic cyanobacterium by fluorescence lifetime imaging microscopy with a systematic change of incident laser power, Biophysical Chemistry, 161, (1) 2016; 46-59, **@2016**
1631. Chakdar H., Pabbi S., Cyanobacterial Phycobilins: Production, Purification, and Regulation, International Journal of Phycology, 6, (1)

Interdisciplinary Microbiology, pp.45-69, Chapter, January 2016, DOI: 10.1007/978-81-322-2610-9_4

1632. R. R. Sonani, R. P. Rastogi, R. Patel, D. Madamwar, Recent advances in production, purification and applications of phycocyanin from Synechocystis PCC6803. *Biological Chemistry*, 2016, DOI: 10.4331/wjbc.v7.i1.100, **@2016**
1633. Yu P., Li P., Chen X., Chao X., Combinatorial biosynthesis of Synechocystis PCC6803 phycocyanin and its activities. *Applied Microbiology and Biotechnology*, 2016, DOI: 10.1007/s00253-016-7367-1, **@2016**
1634. Ores J., Assumpção de Amarane M. C., Kalil S. J., Co-production of carbonic anhydrase and phycocyanin by *Synechocystis nidulans*. *Bioresource Technology*, 219, July 2016, DOI: 10.1016/j.biortech.2016.07.133, **@2016**
1635. Kuddus M., Singh P., Thomas G., Ali A., Production of c-phycocyanin and its potential applications, *Book of Abstracts*, 2016.

133. Bortolan G, Bressan M, Christov I. Gender and age influences in T-Loop morphology. 30, Computing in Cardiology Conference, 2013.

Цитира се:

1636. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. *Int. J. of Bioautomation*, 20, (1), pp., **@2016**
134. Raikova , R., Aladjov, H.. The influence of the way the muscle force is modeled on the predicted results obtained during elbow flexion. *Computer Methods in Biomechanics and Biomedical Engineering*, 6, 2003, 181-196. ISI IF:1.301

Цитира се:

1637. Nima Toosizadeh, Bijan Najafi, Eric M. Reiman, Reine M. Mager, Jaimeson K. Veldhuizen, Kathy O'Gorman, Extremity Dual-Task Function: An Innovative Method to Assess Cognitive Impairment in Older Adults. <http://dx.doi.org/10.3389/fnagi.2016.00167>, **@2016**
135. Kirilov G., Tomova A., Dakovska L., Kumanov P., Shinkov A., Alexandrov A.S.. Elevated plasma endothelin-1 in patients with Cushing's syndrome. *Eur J Endocrinol*, 2003, 549-553. ISI IF:3.718

Цитира се:

1638. Lupoli R, Ambrosino P, Tortora A, Barba L, Lupoli GA, Di Minno MN. Markers of atherosclerosis in patients: literature studies. *Ann Med*. 2016 Nov 18;1-11., **@2016**
1639. Pivonello R, De Martino MC, Iacuaniello D, Simeoli C, Muscogiuri G, Carlomagno F, De Leo M, Cappuccio FP. Cardiovascular Outcomes of Cortisol Excess. *Front Horm Res*. 2016; 46: 54-65., **@2016**
1640. Mona Schaalann, Waleed Mohamed and Rania Rahmo. Association of cardiac NT pro-β-type natriuretic peptide with blood pressure in young obese hypertensive patients: a perspective on the hypothalamic pituitary adrenal axis activity. <https://doi.org/10.1186/s13098-016-0164-2>., **@2016**

136. Todorova L., I. Bentes, J. Barroso, A. Temelkov. A generalized net model of the treatment of mechanically ventilated patients. In: "Proceedings of the 10th ISPE Int. ". Madeira, Conf. on Concurrent Engineering "Advanced Design, Production and Management".

Цитира се:

1641. Stefanova-Pavlova, M., Andonov, V., Tasseva, V., Gateva, A., Stefanova, E. Generalized nets in medicine: application in diabetes. *Studies in Fuzziness and Soft Computing*. 2016, 332, pp. 327-357, **@2016**
137. Krasteva V, Papazov S, Daskalov I. Peripheral nerve magnetic stimulation: influence of tissue non-homogeneity. *Journal of Magnetic Resonance Imaging*, 2003, ISSN:1475-925X, DOI:10.1186/1475-925X-2-19, 19. SJR:0.454, ISI IF:1.43

Цитира се:

1642. Page S, (2016), Magnets and mexican hats: magnetically stimulating the median nerve to interfere with pain. *Nottingham, United Kingdom*, 25pp., http://neurobiography.info/nb_article.php?article=45413&z=cite

1643. Ye H, Cururu A, (2016), Biomechanics of cell membrane under low-frequency time-varying magnetic field, *Journal of Biomaterials Science*, 54(12), pp. 1871-1881, DOI 10.1007/s11517-016-1478-9, ISSN: 0140-0118, <http://link.springer.com/article/10.1007/s11517-016-1478-9>

1644. Lemos TDA, Feitosa MAF, (2016), Aplicação do Método dos Elementos Finitos na Eletrostática e no Problema da Capacitor, *Revista de Engenharia e Pesquisa Aplicada*, Vol. 2(1), pp.100-105, ISSN: 2525-4251, <http://revistas.poli.br/index.php/REPA/article/view/100>

138. Popova, A.V., Hincha, D.K.. Intermolecular interactions in dry and rehydrated pure and mixed bilayers of phospholipids: A fourier transform infrared spectroscopy study. *Biophysical Journal*, 85, 3, 2003, DOI:10.1016/S0006-3495(03)74001-1

Цитата из:

1645. Silva G.S., Jange C.G., Rocha J.S.S., Chaves M.A., Pinho S.C., 2016, Characterisation of curcumin-loaded micronised sucrose and hydration of phospholipid powders to obtain multilamellar liposomes, *International Journal of Thermal Sciences*, 10.1111/ijts.13334., **@2016**

1646. Tonazzzo T., Pinho S.C., 2016, Lyophilized liposomes for food applications: Fundamentals, processing and Controlled Release Technologies in Food Systems, Second Edition, 78-96, **@2016**

1647. Gaudreau H., Champagne C., Remondetto G., Alvarez P.A., Gomaa A., Subirade M., 2015, Tea extract: A tea polyphenol-rich material resistant to oxygen exposure through lipid modification mechanism, *Food Research International*, 81, 14, 1-10

1648. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2016, Phase behaviour of dehydrated tea polyphenols: FTIR Analysis and Calorimetry, DOI: 10.1007/s10973-016-5957-x, **@2016**

1649. Inacio, R., Barlow, D., Kong, X., Keeble, J., Jones, S.A., 2016, Investigating how the attributes of selected molecules affect the transport of molecules through biological membranes, *European Journal of Pharmaceutics and Biopharmaceutics*, 100, 1-7

139. Atanassov, K. T., Pasi, G., Yager, R. R., Atanassova, V.. Intuitionistic fuzzy graph interpretations of multi-set relations, *Proceedings of the International Conference on Fuzzy Information Processing: Theory and Application*, September, 2003, 177-182

Цитата из:

1650. Tikhonenko-Kędziak, Anna, and Mirosław Kurkowski. "An approach to exponentiation with interval-valued intuitionistic fuzzy numbers." *Computational Mechanics* 15.4 (2016): 157-169., **@2016**

1651. Maheswari, N. S., & Sekar, C. (2016). On m-Neighbourly Irregular Intuitionistic Fuzzy Graphs. *Mathematics*, 4(1), 1-10.

1652. Sunitha, P. (2016). An elementary introduction to intuitionistic fuzzy soft graph. *Journal of Mathematics and Statistics*, 13(6), 681., **@2016**

1653. Narayanan, S. R., & Murugesan, S. (2, (c1, c2))-Pseudo Regular Intuitionistic Fuzzy Graphs. *Intern. J. Intelligent Systems*, 31(2), 131-137, ISSN: 2320 –3242 (P), 2320 –3250 (online), **@2016**

140. Mitev, P, Hadjitolorov, S. Fundamental frequency estimation of voice of patients with laryngeal disorders, *Journal of Voice*, 20(2), 131-137, ISSN:0020-0255, DOI:10.1016/S0020-0255(03)00161-0, 3-19. ISI IF:1.003

Цитата из:

1654. Jun Deng, Feature Transfer Learning for Speech Emotion Recognition, PhD Dissertation, Fakultät für Informatik der Technischen Universität Muenchen, 10.05.2016, p.147, , **@2016**

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

Цитата из:

1655. Mazur, R., Sadowska, M., Kowalewska, Ł., Abratowska, A., Kalaji, H.M., Mostowska, A., Maciej G. Górecki, J., 2016, Effect of long term thallium exposure on white mustard (*Sinapis alba* L.) photosynthetic activity, *Journal of Photochemistry and Photobiology B*, 144, 1-6

- 1656.** Zia , A., Walker, B.J., Oung, H.M.O., Charuvi, D., Jahns, P., Cousins, A.B., Farrant, J.M., Reich, apparatus against dehydration stress in the resurrection plant Craterostigma pumilum Plant Journal, 87, 6
- 1657.** Gao, P., Zuo, Z ., Wu, X., Gao, Y., Gao, R., Zhang, R. Effects of cycloheximide on photosynthetic ability spectra in Phyllostachys edulis, Trees – Structure and function, 30 (3) 719-732., @2016
- 1658.** Dobrev, K., Stanoeva, D., Velitchkova, M., Popova, A.V. The lack of lutein accelerates the extent of light energy conversion in thylakoid membranes of Arabidopsis thaliana , Photochem. Photobiol. 92 (3) 436-445., @2016
- 1659.** Kobayashi, K., Endo, K., Wada, H. Multiple impacts of loss of plastidic phosphatidylglycerol biosynthesis in Arabidopsis, Frontiers in Plant Science, 7:336, @2016
- 1660.** Wang, Y., Ji, K., Shen, S., Chen H. Probing molecular events associated with early development of thylakoids by low temperature fluorescence, J. Proteomics, 143, 401-415., @2016
- 1661.** Tiwari, A., Mamedov, F., Grieco, M., Suorsa, M., Jajoo, A., Styring, S., Tikkannen, M., Aro E.-M. Photosystem I induces non-photochemical energy dissipation, Nature Plants, Article number: 16035 (2016)
- 142.** Tsakovska, I.. QSAR and 3D-QSAR of phenothiazine type multidrug resistance modulators in P388/ADR cells. Цитупаце в:
- 1662.** Khushbu Kushwaha, Nagendra Kaushik, Neha Kaushik, Mahesh Chand, Reena Kaushik, Eun Ha Kim. Azaphenothiazines as Potential Inhibitors of T98G, H460 and SNU80 Cancer Cell Lines in Vitro. Bioorganic & Medicinal Chemistry Letters, 26 (2016), 2016, @2016
- 1663.** Almi, Zineb; Belaidi, Salah; Melkemi, Nadjib; Boughdiri, Salima; Belkhiri, Lotfi. Structure Activity Relationships Modeling of Cyto-Toxicity of Phenothiazine Derivatives. Quantum Matter, Volume 5, Number 1 (2016)
- 143.** Mladenov I., Oprea J.. The Mylar Balloon Revisited. American Mathematical Monthly, 110, 2003, 761-784. ISI IF: 0.522
- Цитупаце в:
- 1664.** Saad A., Muhammed S. and Elmabrouk T.: Int. J. Eng. Appl. Sci. (IJEAS), 3 (2016) 55-60., @2016
- 144.** Mladenov I., Oprea J.. Unduloids and their Closed Geodesics. Geom. Integrability & Quantization, 4, 2003, 2003, 11272-11280. ISI IF:3.922
- Цитупаце в:
- 1665.** Saad A., Muhammed S. and Elmabrouk T.: Int. J. Eng. Appl. Sci. (IJEAS), 3 (2016) 55-60., @2016
- 145.** Dobrikova, A., Várkonyi, Zs., Krumova, S. B., Kovács, L., Kostov, G. K., Todanova, S. J., Busheva, M., Tanaka, T. The thermal stability of chloroplast thylakoid membranes revealed by differential scanning calorimetry and circular dichroism spectroscopy. 2003, 11272-11280. ISI IF:3.922
- Цитупаце в:
- 1666.** Sun Y, Guo F, Zuo TF, Hua JJ, Diao GW. (2016) Stimulus-responsive light-harvesting complexes based on carotene and chlorophyll. NATURE Communications, Vol. 7, Article Number: 12042, DOI: 10.1038/ncomms12042
- 1667.** Karlicky V., Kurasova I., Ptackova B., Vecerova K., Urban O., Spunda V. (2016) Enhanced thermal stability of the photosynthetic apparatus in the green alga Chlamydomonas reinhardtii compared with selected angiosperms, Photosynthesis Res., 130(1-3): 357-371. DOI: 10.1007/s11120-015-0990-0
- 146.** Matveev M., Prokopova R., Nachev Ch.. Time-related heart autonomic balance characteristics in healthy subjects. Publishing, 2003, ISSN:0967-3334, DOI:10.1088/0967-3334/24/727, 727-743. ISI IF:1.808
- Цитупаце в:
- 1668.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, @2016

1669. S Bao, E Kanno, R Maruyama. Blunted Autonomic Responses and Low-Grade Inflammation in Mongolian Journal of Experimental Medicine, 240(2):171-179 , **@2016**

147. Apostolova, E., Krumova, S. B., Tuparev, N., Molina, M. T., Filipova, Ts., Petkanchin, I., Taneva, S. G.. In 1,4-anthraquinones. Colloids and Surfaces B: Biointerfaces, 29, 2003, 1-12. ISI IF:1.586

Цитира се:

1670. Jamelah S, Al-Otaibi, Tarek M, EL Gogary, Synthesis of novel anthraquinones: Molecular structure interactions with DNA as antibiotic and anti-cancer drugs, Journal of Molecular Structure, <http://dx.doi.org/10.1016/j.molstruc.2016.10.098>, **@2016**

2004

148. Komissarow L., Rollnik J.D., Bogdanova D., Krampfl K., Khabirov F.A., Kossev A., Dengler R., Bufler J., lateral sclerosis.. Clin Neurophysiol., 115, 2004, ISSN:13882457, 356-360. ISI IF:2.538

Цитира се:

1671. Feng JT, Zhu Y, Hua XY, Zhu Y, Gu YD, Xu JG, Xu WD (2016) Diagnosing neurogenic thoracic outlet syndrome by somatosensory evoked potentials. Clin. Neurophysiol., 127(1): 886-891., **@2016**

1672. Huynh W, Simon, NG, Grosskreutz J, Turner MR, Vucic S, Kiernan MC (2016) Assessment of the upper limb in amyotrophic lateral sclerosis. Clin. Neurophysiol., 127(7): 2643-2660., **@2016**

1673. Geevasinga N, Menon P, Özdinler PH, Kiernan MC, Vucic S (2016) Nature Reviews Neurology, 12(11): 661-672., **@2016**

1674. Lefaucheur J-P, de Carvalho M (2016) New insights into the clinical neurophysiological assessment of Amyotrophic lateral sclerosis. Clin. Neurophysiol., 127(1): 163., **@2016**

149. Kuncheva L., Hadjitodorov S. Using diversity in cluster ensembles. ., In Proceedings of IEEE Int Conf on Systems, Man and Cybernetics, 2004, ISBN:0-7803-8566-7, ISSN:1062-922X, 1214-1219

Цитира се:

1675. Qing Cheng, Zhong Liu, Jincai Huang, Guangquan Cheng. Community detection in hypernetworks. Mathematics and Computation, Volume 276, 5 March 2016, Pages 384–393, doi:10.1016/j.amc.2015.12.001

1676. Milton Pividori. Ensamble de agrupamientos con aplicaciones en bioinformática, UNIVERSIDAD TECNICA DE SANTA FE, Doctorado en Ingeniería, Mención Sistemas de Información, Tesis doctoral, p.135, .Santa Fe de la Veracruz, Mexico, 2016

1677. Ebrahim Akbari, Halina Mohamed Dahlan, Roliana Ibrahim. Cluster ensemble extraction for knowledge discovery from large datasets. INFORMATION SCIENCE and APPLICATIONS, Volume 12, 2015, pp. 219-229, E-ISSN: 2224-3402, ISSN: 1524-040X

1678. M Pandi, K Premalatha. A Cuckoo Search with Differential Evolution for Clustering Microarray Gene Expression Data. Electrical, Automation, Control and Information Engineering Vol:10, No:2, 2016, pp. 334-339, **@2016**

1679. Geer Teng, Changzheng He, Jin Xiao, Yue He, Bing Zhu, Xiaoyi Jiang. Cluster ensemble framework based on soft computing. Soft Computing Journal , 43 , 2016, pp. 35 - 46, **@2016**

1680. Qing Cheng, Zhong Liu, Jincai Huang, Guangquan Cheng. Community detection in hypernetworks. Mathematics and Computation, Volume 276, 5 March 2016, Pages 384–393, doi:10.1016/j.amc.2015.12.001

1681. Geer Teng, Changzheng He, Jin Xiao, Yue He, Bing Zhu, Xiaoyi Jiang. Cluster ensemble framework based on soft computing. Soft Computing Journal , 43 , 2016, pp. 35 - 46 . doi:10.1016/j.asoc.2016.01.043, , **@2016**

1682. M Pandi, K Premalatha. A Cuckoo Search with Differential Evolution for Clustering Microarray Gene Expression Data. Electrical, Automation, Control and Information Engineering Vol:10, No:2, 2016, pp. 334-339, , **@2016**

1683. Brijnesh J. Jain. Condorcet's Jury Theorem for Consensus Clustering, arXiv:1604.07711v1 [stat.ML] 26
1684. Milton Pividori, Georgina Stegmayer, Diego Milone . Diversity control for improving the analysis of co 2016, pp. 120 – 134, doi:10.1016/j.ins.2016.04.027, , **@2016**
1685. Germain Forestier, Cédric Wemmert. Semi-supervised learning using multiple clusterings with limited 10.1016/j.ins.2016.04.040 SEP 20 2016, doi:10.1016/j.ins.2016.04.040, , **@2016**
1686. Bilal Saoud, Abdelouahab Moussaoui. Community detection in networks based on minimum span Mechanics and its Applications , 460, 2016, pp. 230 – 234, doi:10.1016/j.physa.2016.05.014, , **@2016**
1687. De Souza, J., Taya, F., Thakor, N.V., Bezerianos, A. Comparing Community Detection Algorithms Proceedings - 11th International Conference on Signal-Image Technology and Internet-Based Systems 327, **@2016**
1688. Pedro Ribeiro Mendes Junior, Jacques Wainer, Anderson Rocha. Specialized Support Vector Machine [cs.LG] , 13 Jun 2016, p.9 , , **@2016**
1689. He Zhao, Salman Salloum, Yeshou Cai, Joshua Zhexue Huang. Ensemble subspace clustering of text data Machine Learning and Cybernetics, pp 1-16, First online: 17 June 2016, DOI: 10.1007/s13042-016-0580X, , **@2016**
1690. Chu, R.-H., Wang, H.-J., Yang, Y., Li, T.-R. Clustering ensemble based on density peaks, Zidonghua X 1401 - 1412 , , **@2016**
1691. Taya, F., de Souza, J., Thakor, N.V., A Bezerianos et al. Comparison method for community detection o Network Science (2016) 1: 8. doi:10.1007/s41109-016-0007-y, , **@2016**
1692. NFF Silva, Análise de sentimentos em textos curtos provenientes de redes sociais, (Sentiment analysis Computer science and computational mathematics, USP, São Carlos, March 2016, p.138, **@2016**
1693. Nejc Ilc. Clustering Based on Weighted Ensemble, A dissertation presented to The Faculty of Computer requirements for the degree of Doctor of Philosophy in the subject of Computer and Information Science
1694. Mendes Júnior, P.R., de Souza, R.M., Werneck, R.O. et al. Nearest neighbors distance ratio open-s doi:10.1007/s10994-016-5610-8, Print ISSN 0885-6125, Online ISSN 1573-0565, Publisher Name Springer
1695. Yan Yan, Bobby D. Bryant, and Frederic C. Harris, Jr. 2016. Data Clustering Technologies In Cancer (January), 50 pages, **@2016**
150. **Todorova, L., A.**, A. Temelkov. Weaning from long-term mechanical ventilation: a nonpulmonary wea Computing, 18, Springer Netherlands, 2004, ISSN:Springer Netherlands, 275-281. SJR:0.568, ISI IF:1.985
- Цитира се в:
1696. Sadegh Shabab , Amir VahedianAzimi , Kayvan GohariMoghaddam , Seyyed Jalal Madani , Seyyed M PALVO2 ÷ RSBI × FiO2 index during weaning from mechanical ventilator in chronic obstructive pulmonary center triple blinded clinical trial. Iranian Journal Of Anaesthesiology and Critical Care, 2016(Issue 3), 0
1697. Zhao, Z.-Y., Wu, N., Deng, S.-X., Zhou, Y., Cao, T.-W. (2016) Serum albumin is a predictor for duration . International Journal of Clinical and Experimental Medicine. 9 (2), pp. 4041-4046, **@2016**
151. Andreeva, A., Stoichkova, K., **Busheva, M.**, Apostolova, E., Varkonyi, Zs., Garab, G.. Resonance Raman sp membranes. Biospolymers, 74, 2004, 87-91. ISI IF:2.385
- Цитира се в:
1698. Grudziński W., Janik E., Bednarska J., Welc R., Zubik M., Sowinski K., Luchowski R., Gruszecki W. Violaxanthin in the Photosynthetic Pigment-protein Complex LHCII: A Resonance Raman Study, The 4382., **@2016**

152. Atanassov K., Matveev M., Tasseva V.. On the Generalized Nets and their Applications in Medicine.. Proceedings on Biomed Physics and Eng, 2004, ISBN:954-91589-1-8, 250-253
- Цитира се в:
1699. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**
153. Стоянов Т. Компютърна обработка и анализ на електрокардиограми. Дисертация за д-р, ЦЛБМИ - БАН.
- Цитира се в:
1700. Валентин Цибулко (2016) Практиране изследване и анализ на методи и устройства за телеметрия. Дисертация за "Доктор", Техн. Унив. – София, 127 стр., **@2016**
154. Christov I. Real time electrocardiogram QRS detection using combined adaptive threshold. Biomedical Engineering and Computing, 2016, 127, pp. 114-125, **@2016**
- Цитира се в:
1701. Kale NS, Morade SS (2016) Recognition of various waves from electrocardiogram by using wavelet transform. Journal of Engineering and Technology, 3, (6), pp. 2413-2416, **@2016**
1702. Van der Meer, Pampel A, Van Someren E, et al. (2016) Carbon-wire loop based artifact correction output validation of a real-time simultaneous EEG/fMRI correction method. NeuroImage, 125, pp. 880-894, **@2016**
1703. Liu NT, Salinas J (2016) Peak detection system and method for calculation of signal-derived metrics U.S. Patent Application, 15/080, 2016, **@2016**
1704. Wu X, Wu T, Zhan Z, Yao L, Wen X (2016). A real-time method to reduce ballistocardiogram artifacts (OBS). Computer Methods and Programs in Biomedicine, 127, pp. 114-125, **@2016**
1705. Rakshit M, Panigrahy D, Sahu PK (2016) An improved method for R-peak detection by using shannon entropy. Journal of Electrical and Electronic Sciences, 9 pages, <http://link.springer.com/article/10.1007/s12046-016-0485-8>, **@2016**
1706. Jain SK, Bhaumik B (2016) An energy efficient application specific integrated circuit for electrocardiogram ambulatory cardiovascular disease detection. Healthcare Technology Letters, 3, (1), pp. 77-84, <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4730030/>, **@2016**
1707. Sutar RG, Kothari AG (2016) An algorithm for detection of ECG morphological points using its non-linear features. Journal of Engineering and Technology, 22, (1), pp. 14-30., **@2016**
1708. 1. Kiruba K, Sharmila D (2016) AIEFS and HEC based emotion estimation using physiological measurements for autism spectrum disorder. Biomedical Research, 27, pp. 237-250, <http://www.alliedacademies.org/articles/aiefs-and-hec-based-emotion-estimation-using-physiological-measurements-for-the-children-with-autism-spectrum-disorder.pdf>., **@2016**
1709. Huang Ying Qi (2016) Realization of Laplacian fetal electrocardiogram monitoring system. MS thesis, Harbin University, China, 72 pages, <http://www.airitilibrary.com/Publication/alDetailedMesh?docid=U0017-250>, **@2016**
1710. George BP, Dubois R, Ramanathan C, Wodlinger H (2016) Signal averaging of heart rate variability. <https://www.google.com/patents/US9504427>, **@2016**
1711. Chelotti J, Vanrell S, Milone D, Utsumi S, Galli J, Rufiner L, Giovanini L (2016) A real-time algorithm for monitoring cattle heart rate variability. Computers and Electronics in Agriculture, 127, pp. 64-75, <http://www.sciencedirect.com/science/article/pii/S092523121630170X>, **@2016**
1712. Dugarte N, Álvarez A, Balacco J, Mercado G, Gonzalez A, Dugarte E, Olivares A (2016) High efficiency extraction of the heart rate variability in the HRECG signal. Journal of Physics: Conference Series 705, 10 pages, DOI:10.1088/1742-6596/705/1/012001, **@2016**
1713. Rafaelle Giordano (2016) Metodi per l'integrazione dell'informazione EEG nell'analisi fMRI in resting state. 100 pages, http://tesi.cab.unipd.it/51483/1/giordano_raffaele_tesi.pdf, **@2016**
1714. Anikó Vágner (2016) Intelligent data processing and its applications. <https://dea.lib.unideb.hu/dea/bitstream/handle/2437/221312/ertekezes.pdf?>, **@2016**

1715. Panigrahy D, Rakshit M, Sahu PK (2016) FPGA implementation of heart rate monitoring system. DOI: 10.1007/s10916-015-0410-4, [@2016](#)
1716. Zhipeng C, Kan L, Jianqing L (2016) Low-power wireless micro ambulatory electrocardiogram node. http://open.oriprobe.com/articles/47655808/Low_power_Wireless_Micro_Ambulatory_Electrocardiogram_node
1717. Kim J, Shin H (2016) Simple and robust realtime QRS detection algorithm based on spatiotemporal characteristics. DOI: 10.1371/journal.pone.0150144, [@2016](#)
1718. Sanjeev Kumar Jain, Basabi Bhaumik (2016) An Energy efficient application specific integrated circuit for potential for ambulatory cardiovascular disease detection. Healthcare Technology library.theiet.org/content/journals/10.1049/htl.2015.0030, [@2016](#)
1719. Hugeng Hugeng, Resky Kurniawan (2016) Development of the 'HEALTHCOR' system as a cardiac diagnostic device based on Arduino Uno. Int. J. of Technology, 1, pp. 78-87, ISSN 2086-9614, [@2016](#)
1720. Poulsen C, Wakeman DG, Atefi SR, Luu P, Konyn A, Bonmassar G (2016) Polymer thick film techniques for recording: Safety and MRI data quality. Magnetic Resonans in Medicine, DOI: 10.1002/mrm.26116, [@2016](#)
1721. Bourgeois T, Delezoide A, Zhao W, et al (2016) Safety study of Ciprofloxacin in newborn mice. doi:10.1016/j.yrph.2015.11.002, [@2016](#)
1722. Shapira-Lichter I, Klovatch I, Nathan D, Oren N, Handler T (2016) Task-specific aspects of goal-directed EEG–fMRI. J. of Cognitive Neuroscience. 13 pages, DOI: 10.1162/JOCN_A_00976, [@2016](#)

155. Staneva G., Angelova M.I., Koumanov K.. Phospholipase A2 promotes raft budding and fission from giant liposomes. DOI: 10.1007/s00438-016-1362-1, IF: 3.362

Izumupa ce ө:

1723. Zhang, Y., Wang, X., Ma, S., Jiang, K., Han, X, Lipid membrane formation on chemical gradient modified vesicles. DOI: 10.1007/s00438-016-1362-1, [@2016](#)
1724. Elhenawy, W., Bording-Jorgensen, M., Valguarnera, E., Haurat, M.F., Wine, E., Feldman, M., LPS : vesicles in salmonella, MBIO, Volume 7, Issue 4, 1 July 2016, Article number e00940-16, [@2016](#)
1725. Kai Liu, Gary R. Marple, Shuwang Li, Shravan Veerapaneni, John Lowengrub, Dynamics of a multi-phase interface in a complex medium. arXiv:1610.10086 [cond-mat.soft], 2016, <https://arxiv.org/pdf/1610.10086v1.pdf>, [@2016](#)

156. Jekova I, Krasteva V. Real time detection of ventricular fibrillation and tachycardia. Physiological Measurement, 37(12), 2016, DOI: 10.1088/0967-3334/37/12/125001, ISSN: 0967-3334, 1167-1178. SJR: 0.538, ISI IF: 1.808

Izumupa ce ө:

1726. Nong Weixin, (2016 in press), A novel algorithm for ventricular arrhythmia classification using a fusion of ECG and PPG signals. DOI: 10.1007/s13246-016-0491-5, ISSN: 0158-9938; N6, <http://link.springer.com/10.1007/s13246-016-0491-5>
1727. Kim JY , Chu CH , (2016), Analysis and Modeling of Selected Energy Consumption Factors for Embedded Systems, art. no. 7347361 , pp. 1795 - 1805, ISSN: 1530-437X, doi: 10.1109/JSEN.2015.2505611; N27., [@2016](#)
1728. Shen T, Shen H, Lin C, Ou Y, (2016), Sudden Cardiac Death Detection Methods Based on ECG Biometrics & Information Technology, S1-002, doi:10.4172/2324-9307.S1-002, ISSN: 2324-9307, <http://www.biomedcentral.com/10.4172/2324-9307.S1-002>; N4., [@2016](#)
1729. Tripathy RK, Sharma LN, Dandapat S, (2016), Detection of shockable ventricular arrhythmia using Vibration-Based Systems, 40:79, pp.1-13, doi: 10.1007/s10916-016-0441-5, <http://link.springer.com/article/10.1007/s10916-016-0441-5>
1730. Verma A, Dong X, (2016), Detection of Ventricular Fibrillation Using Random Forest Classifier, J. Biomathematics, 259-268, ISSN: 1937-6871, <http://m.scirp.org/papers/65626> ; N19., [@2016](#)
1731. Ming Yu, Guang Zhang, Taihu Wu, Chao Li, Zongming Wan, Liangzhe Li, Chunfei Wang, Yalin Wan, (2016), [@2016](#)

without reference channels used for ventricular fibrillation detection during cardiopulmonary resuscitation. *Resuscitation and Emergency Medicine*, pp. 1-11, doi: 10.1007/s13246-016-0425-2, ISSN: 0158-9938; N20., @2016

1732. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, Kramer-Johansen J, Eftestøl T, Alonso A. A New Algorithm for the Detection of Shockable Rhythms in Automated External Defibrillators, PLOS ONE, 2016, DOI: 10.1371/journal.pone.0159562, N10., @2016
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4956226/>; N10., @2016

157. **Pajeva, I.**, Todorov, D., Seydel, J.K.. Membrane effects of the antitumor drugs doxorubicin and thaliblastin, verapamil and trans-flupentixol. *Europ. J. Pharm. Sci.*, 21, 2-3, 2004, 243-250. ISI IF:1.949

Цитира се:

1733. Ghimire B., Lee H., Choi G.E., Jeong M.J., Suh G.U., Lee C.H., Heo K., Son S.W.. Seed morphology of Ranunculaceae) and its systematic implication. *Phytotaxa*, v. 283, n. 3, p. 271–285, Nov. 2016, @2016

158. **Pajeva, I.**, Globisch, C., Wiese, M.. Structure-Function Relationships of Multidrug Resistance P-glycoproteins. *Journal of Drug Targeting*, 24, 2016, 5, 351-358. ISI IF:5.076

Цитира се:

1734. Sharrol Bachas, Bryan Kohrs, Herschel Wade. Charge is Major Determinant of Activation of the Ligand BmrR. *ChemMedChem*, 2016 11 (10), 1038-1041., @2016

1735. Xu, BQ; Peng, B; Cai, BL; Wang, SS; Wang, XX; Lv, X. Facile and Selective Synthesis of Imidazoles via Addition/ Cycloisomerisation/ Coupling Process. *ADVANCED SYNTHESIS & CATALYSIS*, 35, 2016., @2016

1736. Gunio, D; Froehlig, J; Pappas, K; Ferguson, U; Wade, H. Solution-Binding and Molecular Docking Approach to Multidrug Recognition in the MDR Gene Regulator BmrR. *JOURNAL OF CHEMICAL INFORMATION AND MODELING*, 10.1021/acs.jcim.5b00704 FEB 2016, @2016

1737. Matsson, P; Doak, BC; Over, B; Kihlberg, J. Cell permeability beyond the rule of 5, *ADVANCED SYNTHESIS & CATALYSIS*, 10.1016/j.adsc.2016.03.013 JUN 1 2016., @2016

1738. Pablo Palestro, Luciana Gavernet. Discovering New Antiepileptic Drugs Addressing the Transporter Hypothesis: A Computational Approximation. In: *Antiepileptic Drug Discovery, Novel approaches*, Humana Press Inc., 2016, pp 281-298

159. Mudrov Ts, **Krasteva V, Jekova I.** Microcontroller-based ECG simulator prototype. Proc. 13-th Internat. Scientific Conference - University - Sofia, 2004, ISBN:954-438-520-7, 86-91

Цитира се:

1739. Solichah AD, Anifah L, (2016), Rancang Bangun Simulator Sinyal Elektrokardiogram (EKG). *Jurnal Teknik Elektro*, 5017, <http://ejournal.unesa.ac.id/index.php/jurnal-teknik-elektro/article/view/16459/baca-artikel> ; N11, 1-10

160. **Arabadzhiev, T I**, Dimitrov, G V, Dimitrova, N A. The cross-correlation and phase-difference methods are reliable for the estimation of the motor unit propagation velocity. *Journal of Electromyography and Kinesiology*, 14, 3, Elsevier, 2004, DOI:10.1016/j.jelektro.2004.03.003

Цитира се:

1740. Luu G-T, Duy TT, Hanh T, Ngo TT, Ravier P, Buttelli O: Time Varying Delay Estimators for Measuring Non-stationarity of the Data, Healthcare Technology for Developing Countries: The 6th International Conference on Healthcare Engineering, Ho Chi Minh City, Vietnam, June 27-29, 2016, @2016

161. Parvanova, D., **Popova, A.**, Zaharieva, I., Lambrev, P., Konstantinova, T., **Taneva, S.**, Atanassov, A., Goltsev, S. Chlorophyll fluorescence in tobacco plants transformed to accumulate proline, fructans, or glycine betaine. Variable chlorophyll fluorescence. *Journal of Plant Physiology*, 162, 2005, 103-110. ISI IF:1.409

Цитира се:

1741. Liu A., Hu Z., Xuaoyue B., Fan J., Gitan M.M., Amombo E., Chen L., Fu J., 2016, Photosynthesis of bermudagrass in response to low temperature and salt stress, Ecotoxicology, July 2016, DOI: 10.1007/s10622-016-2016

1742. Zhengrong Hu, Aoyue Bi, Jibiao Fan, Margaret Mukami Gitau, Erick Amombo, Liang Chen, Jinmin Wang, 2016, Expression of bermudagrass in response to low temperature and salt stress, Ecotoxicology, 2016; Volume 26(10), 1696-1709, **@2016**

162. Popova, A.V., Hincha, D.K.. Specific interactions of tryptophan with phosphatidylcholine and digalactosyldiacylglycerol in their hydrated state. Chemistry and Physics of Lipids, 132, 2, 2004, DOI:10.1016/j.chemphyslip.2004.06.001, 171-184

Цитата из:

1743. Bandeira E., Lopes-Pacheco M., Chiaramoni N., Ferreira D., Fernandez-Ruocco M.J., Prieto M., Marchante P.R.M., del Valle Alonso S., Morales M.M., 2016, Association with amino acids does not enhance efficiency of gene delivery, Frontiers in Physiology 7 • April 2016, DOI: 10.3389/fphys.2016.00151, **@2016**

1744. Peng B., Ding X.-Y., Sun C., Liu W., Zhang J.Z.H., Zhao X., 2016, The effect of POPC acyl chain length on the interaction with proteins investigated by ATR-FTIR combined with QM calculations, RSC Adv., 2016, 6, 45569-45577, DOI: 10.1039/C6RA03000A

163. Yager, R., Yager, R., Atanassov, K. T.. Intuitionistic fuzzy graph interpretations of multi-person multi-criteria decision making. Proceedings. 2004 2nd International IEEE Conference, 2, IEEE, 2004, 434-439

Цитата из:

1745. Myithili, K. K., Parvathi, R., & Akram, M. (2016). Certain types of intuitionistic fuzzy directed hypergraphs. Cybernetics, 7(2), 287-295., **@2016**

1746. Sarwar, M., & Akram, M. (2016). An algorithm for computing certain metrics in intuitionistic fuzzy graphs. Journal of Intelligent & Fuzzy Systems, 30(6), 2405-2416., **@2016**

1747. Chen, Z. S., Chin, K. S., Ding, H., & Li, Y. L. (2016). Triangular intuitionistic fuzzy random decision making, estimation, score functions, and prospect theory. Journal of Intelligent & Fuzzy Systems, 30(6), 3567-3582.

1748. Tikhonenko-Kędziak, A., & Kurkowski, M. (2016). An approach to exponentiation with interval-valued intuitionistic fuzzy numbers. Computational Mechanics, 15(4), 157-169., **@2016**

164. Christov I, Bortolan G. Ranking of pattern recognition parameters for premature ventricular contractions detection in ECG signal measurement, 25, 2004, 1281-1290. SJR:2.11, ISI IF:1.8

Цитата из:

1749. Joséda E, Schwartz WR, Chávez GC, Menotti D (2016) ECG-based heartbeat classification for arrhythmia detection. Programs in Biomedicine, 127, pp. 144-164, **@2016**

1750. Aljafar L, Alotaibi TN, Al-Yami RR, Alshebeili SA, Zouhair J (2016) Classification of ECG signals based on spatial pattern. Int. Conf. on Electronic Devices, Systems and Applications, 6-8 December, Ras Al Khaimah, UAE

1751. Mateo J, Torres AM, Aparicio A, Santos JL (2016) An efficient method for ECG beat classification and detection. Engineering, 51, pp. 219-229, <http://www.sciencedirect.com/science/article/pii/S0045790615004450>, **@2016**

165. Dotsinsky IA, Stoyanov T. Ventricular beat detection in single channel electrocardiograms. BioMedical Engineering, 2016, 10(1), 1-10.

Цитата из:

1752. TAN, PHAN HOAI NAM, THAI MINH QUOC (2015) A new method of electrodes placement to detect ventricular beats in ECG signals. Science & Technology Development, 18 (K4), pp. 159-163, **@2016**

1753. Anikó Vágner (2016) Intelligent data processing and its applications. <https://dea.lib.unideb.hu/dea/bitstream/handle/2437/221312/ertekezes.pdf?>, **@2016**

1754. Dugarte N, Álvarez A, Balacco J, Mercado G, Gonzalez A, Dugarte E, Olivares A (2016) High efficiency in the HRECG signal. Journal of Physics: Conference Series 705, 10 pages, DOI:10.1088/1742-6596/705/1/012016
1755. Kim J, Shin H (2016) Simple and robust realtime QRS detection algorithm based on spatiotemporal characteristics. PLoS ONE 11(7): e0159654, @2016

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

Цитира се в:

1756. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, et al., 2016, "Machine Learning Techniques for Automated External Defibrillators", PLoS ONE 11(7): e0159654, @2016

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

Цитира се в:

1757. Zhang Y. H., McDargh Z., Tu Z. C., arxiv:1611.07747v1, @2016

168. Dotsinsky IA, **Stoyanov T**. Optimisation of bi-directional digital filtering for drift suppression in electrocardiology. Technology, 28, 4, 2004, 178-180

Цитира се в:

1758. García M, Ródenas J, Alcaraz R, Rieta JJ (2016) Application of the relative wavelet energy to head motion. Computer Methods and Programs in Medicine, 131, pp. 157-168, DOI: <http://dx.doi.org/10.1016/j.cmpb.2016.06.010>

2005

169. Celichowski, J., Pogrbina, M., **Raikova , R.** Analysis of the unfused tetanus course in fast motor units of the rat. Italiennes de Biologie, 143, 2005, 51-63. ISI IF:0.65

Цитира се в:

1759. Smith I.C., Bellissimo C., Herzog W., Tupling A.R. (2016) Can inorganic phosphate explain sag during exercise? Physiol Rep. 4(22). pii: e13043., @2016

170. Dotsinsky IA, **Stoyanov T**. Power-line interference cancellation in ECG signals. Biomedical Instrumentation & Devices, 28, 2005, 10-14

Цитира се в:

1760. Bhoi AK, Sherpa KS, Khandelwal B (2016) Baseline drift removal of ECG signal: Comparative analysis. Research advances in the integration of big data and smart computing, Ed: Mallick PK, © IGI Global, 383-398

1761. Bhaskar PC Uplane MD (2016) FPGA based digital FIR multilevel filtering for ECG denoising. International Conference on Recent Trends in Signal Processing, 2016, 1-4, @2016

171. V. Shalamanov, **S. Hadjitolorov**, T. Tagarev, S. Avramov, V. Stoyanov, P. Geneshky, N. Pavlov. Civil management transformation.. INFORMATION & SECURITY. An International Journal, 17, 2005, 75-101

Цитира се в:

1762. Věra – Karin Brázová. Response of Central European Civil Security Systems to the Economic Crisis, Central Europe, 2 , December 2015 , pp 142–163, ISSN 1802-4866, @2016

172. Bogdanova, S., **Pajeva, I.**, Nikolova, P., **Tsakovska, I.**, Müller, B.. Interactions of poly (vinylpyrrolidone) modeling studies. *Pharmaceut. Res.*, 22, 5, 2005, 806-815. ISI IF:2.752
- Цитира се в:
1763. Maswadeh, H.M. Incompatibility study of ibuprofen in ternary interactive mixture by using differential ANALYSIS AND CALORIMETRY, 123 (3):1963-1971; 10.1007/s10973-015-4773-z MAR 2016., **@2016**
1764. Concu, R; Cordeiro, MNDS. Molecular dynamics simulation study of the selectivity of a silica particle towards ibuprofen. *JOURNAL OF MOLECULAR SCIENCES*, 17 (7):10.3390/ijms17071083 JUL 2016, **@2016**
1765. Nadal, JM; Gomes, MLS; Borsato, DM; Almeida, MA; Barboza, FM; Zawadzki, SF; Farago, PV; Zanelli, A. Effect of ferulic acid: comparative analysis of three carriers, in vitro dissolution, antioxidant potential and in vivo absorption. *INDUSTRIAL PHARMACY*, 42 (11):1813-1824; 10.3109/03639045.2016.1173055 2016, **@2016**
1766. Cordeiro, T; Santos, AFM; Nunes, G; Cunha, G; Sotomayor, JC; Fonseca, IM; Danede, F; Dias, CJ; Cardoso, M. Accessing the Physical State and Molecular Mobility of Naproxen Confined to Nanoporous Silica Matrix. *Journal of Polymer Science Part C*, 120 (26):14390-14401; 10.1021/acs.jpcc.6b04078 JUL 7 2016, **@2016**
173. **Stepanova DI, Daskalova M.** Differences in potentials and excitability properties in simulated cases of internodal demyelination.. *Clin. Neurophysiol*, 116, Elsevier, 2005, ISSN:1388-2457, 2334-2341. ISI IF:3.097
- Цитира се в:
1767. Volman V, Ng LJ. (2016): Perinodal glial swelling mitigates axonal degradation in a model of axonal demyelination. *Neuroscience*, 320:1017., **@2016**
174. Dobrev D, **Neycheva T**, Mudrov N. Simple two-electrode biosignal amplifier. *Medical and Biological Engineering and Computing*, 43, 7, 2005, 725-730. ISI IF:1.726
- Цитира се в:
1768. Ananthi A, Vignesh A, Padmanabhan A (2016) Альтернатива диагностике Q-волны с использованием сердечного потенциала. *Российский Кардиологический Журнал*, 4, pp. 179-186, <http://russjcardiol.ezhe.ru>
175. **Arabadzhiev, T I**, Dimitrov, G V, Dimitrova, N A. Simulation analysis of the performance of a novel high-resolution QRS detection algorithm based on the analysis of changes during fatigue. *Journal of Electromyography and Kinesiology*, 15, 2, 2005, DOI:10.1016/j.jelekin.2004.09.002
- Цитира се в:
1769. Zoppirolli C, Pellegrini B, Bortolan L, Schena F: Effects of short-term fatigue on biomechanical and postural control in cross-country skiers, *Hum Mov Sci*. 2016, 47:88-97, **@2016**
1770. Mokaya F, Lucas R, Noh HY, Zhang P: Burnout: A Wearable System for Unobtrusive Skeletal Motion Monitoring, *Proceedings of the International Conference on Information Processing in Sensor Networks (IPSN)*, Vienna, Austria, 11-14 May 2016
1771. Paz GA, DeFreitas J, de Freitas Maia M, Silva J, Lima V, Miranda H: Electromyography Activation of an Elastic Band to Stabilize Knee Joint During Multiple Sets With Submaximal Loads, *Journal of Strength and Conditioning Research*, 30, 1, 2016, 0194., **@2016**
176. **Pajeva, I.**, C. Globisch, R. Fleischer, **I. Tsakovska**. Molecular modeling of P-glycoprotein and related drugs. *Molecular modeling of P-glycoprotein and related drugs*, 2016, 1-10.
- Цитира се в:
1772. Pomilio AB, SM Battista, AA Vitale. Antimicrobial and immunosuppressive activities of cyclopeptides from *Chemometrics Applications and Research: QSAR in Medicinal Chemistry*, A. G. Mercader, P. R. Duchardt, 2016, 253-298., **@2016**
1773. Ngo, T.-D., Tran, T.-D., Le, M.-T., Thai, K.-M. Machine learning-, rule- and pharmacophore-based classification of P-glycoprotein substrates. *Journal of Computer-Aided Molecular Design*, 30, 1, 2016, 1-10.

177. **Arabadzhiev, T I**, Dimitrov, G V, Dimitrova, N A. Intracellular action potential generation and extinction affect frequencies to changes in the peripheral parameters with muscle fatigue. Journal of Electromyography and Kinesiology, DOI:10.1016/j.jelekin.2004.08.001, 159-169. ISI IF:1.647

Izumupa ce ε:

1774. Rodriguez-Falces J: The formation of extracellular potentials over the innervation zone: Are these properties? Med Biol Eng Comput, 2016, DOI: 10.1007/s11517-016-1487-8, **@2016**

178. **Matveev M., Atanassov K.**, Pazvanska E., Tasseva V.. Dynamic Model of Intensive Care Unit Workflow Bioautomation, 2, Marin Drinov Publ., 2005, ISSN:1314-1902, 85-92

Izumupa ce ε:

1775. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**, **@2016**

179. Dimitrova, N A, Hogrel, J-Y, **Arabadzhiev, T I**, Dimitrov, G V. Estimate of M-wave changes in human biceps Electromyography and Kinesiology, 15, 4, Elsevier, 2005, DOI:10.1016/j.jelekin.2005.01.005, 341-348. ISI IF:1.647

Izumupa ce ε:

1776. Zoppirolli C, Pellegrini B, Bortolan L, Schena F: Effects of short-term fatigue on biomechanical and performance cross-country skiers, Hum Mov Sci. 2016, 47:88-97, **@2016**

1777. Talebian S, Saba M, Bagheri H, Olyaei G, Mousavi S: The Comparison between Spectral and Entropy of Muscles, Journal of Rehabilitation Sciences and Research 2016, 1(3): 20-24., **@2016**

1778. Botter A, Merletti R: EMG of Electrically Stimulated Muscles, In book: Surface Electromyography: Fundamentals, Merletti R, Farina D, pp.311-333, **@2016**

180. **Atanassov, K. T.**. Answer to D. Dubois, S. Gottwald, P. Hajek, J. Kacprzyk and H. Prade's paper "Terminology "Intuitionistic Fuzzy Sets". Fuzzy sets and systems, 156, 3, Elsevier, 2005, 496-499. ISI IF:1.986

Izumupa ce ε:

1779. Piaseck, K. Intuicyjne zbiory rozmyte jako narzędzie finansów behawioralnych, Edu-Libri, Kraków–Legnica, 2016

181. **Atanassov, K. T.**, Pasi, G., Yager, R.. Intuitionistic fuzzy interpretations of multi-criteria multi-person and multi-objective decision making. Journal of Systems Science, 36, 14, Taylor & Francis, 2005, 859-868

Izumupa ce ε:

1780. Samir Dey, Studies om mathematical programming methods for structure with imprecise parameters. Ph.D. Thesis, Engineering Science and Technology, Shibpur, India, 2016., **@2016**

1781. Azarnivand, A., Malekian, A., Analysis of Flood Risk Management Strategies Based on a Group Decision Making Using Fuzzy Numbers, 2016, Water Resources Management, 30 , 6, pp. 1903-1921., **@2016**

1782. Beg, I., Rashid, T., Intuitionistic fuzzy similarity measure: Theory and applications, 2016, Journal of Intelligent & Fuzzy Systems, 30, 3, pp. 821-829., **@2016**

1783. Biswas, R., Is 'fuzzy theory' an appropriate tool for large size decision problems?, 2016, Studies in Fuzziness and Soft Computing, 318., **@2016**

1784. Büyüközkan, G., Gülcü, S., A new integrated intuitionistic fuzzy group decision making approach based on TOPSIS, Computers and Industrial Engineering, 102, pp. 383-395., **@2016**

1785. Chen, Z.-S., Chin, K.-S., Ding, H., Li, Y.-L., Triangular intuitionistic fuzzy random decision making based on interval-valued intuitionistic fuzzy numbers, and prospect theory, 2016, Journal of Intelligent and Fuzzy Systems, 30, 6, pp. 3567-3581., @2016
1786. Chou, W.-S., New algorithm of similarity measures for pattern-recognition problems, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, pp. 1479-1484., @2016
1787. Chuantao, W., Xiaofei, C., Baowen, L., Fuzzy comprehensive evaluation based on multi-attribute group decision making with triangular intuitionistic fuzzy numbers, 2016, Journal of Intelligent and Fuzzy Systems, 31, 4, pp. 2203-2212., @2016
1788. Dong, J., Wan, S., A new method for multi-attribute group decision making with triangular intuitionistic fuzzy numbers, 2016, Journal of Intelligent and Fuzzy Systems, 31, 1, pp. 180-186., @2016
1789. Gou, X., Xu, Z., Lei, Q., New operational laws and aggregation method of intuitionistic fuzzy information, 2016, Journal of Intelligent and Fuzzy Systems, 30, 1, pp. 129-141., @2016
1790. Gou, X., Xu, Z., Liao, H., Exponential operations of interval-valued intuitionistic fuzzy numbers, 2016, International Journal of Fuzzy Systems and Soft Computing, 7, 3, pp. 501-518., @2016
1791. Gumus, S., Kucukvar, M., Tatari, O., Intuitionistic fuzzy multi-criteria decision making framework based on grey relational analysis and TOPSIS, 2016, Sustainable Production and Consumption, 8, pp. 78-92., @2016
1792. Hsiao, S.-W., Lin, M.-H., Hsiao, H.-H., A product manufactures scheduling method based on the grey relational analysis, 2016, International Journal of Production Research, 54, 10, pp. 2351-2366., @2016
1793. Liu, S., Correlation and aggregation integrated MCDM with interval-valued intuitionistic fuzzy numbers, 2016, International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery, ICNC-FSKD 2016, art. no. 7603532, pp. 1-5.
1794. Mousavi, S.M., Vahdani, B., Cross-docking Location Selection in Distribution Systems: A New Intuitionistic Fuzzy Model, 2016, International Journal of Computational Intelligence Systems, 9, 1, pp. 91-109., @2016
1795. Mousavi, S.M., Vahdani, B., Sadigh Behzadi, S., Designing a model of intuitionistic fuzzy vikor in multi-criteria decision making, 2016, Iranian Journal of Fuzzy Systems, 13, 1, pp. 45-65., @2016
1796. Sachdeva, N., O. Singh, P. K. Kapur, D. Galar, Multi-criteria intuitionistic fuzzy group decision analysis using cloud solution to manage big data projects, 2016, International Journal of Systems Assurance Engineering and Management, 7, 1, pp. 1-12.
1797. Onat, N.C., Gumus, S., Kucukvar, M., Tatari, O., Application of the TOPSIS and intuitionistic fuzzy set methods for evaluation of the performance of alternative vehicle technologies, 2016, Sustainable Production and Consumption, 6, pp. 1-10.
1798. Wu, J., Consistency in MCGDM Problems with Intuitionistic Fuzzy Preference Relations Based on an Interval-Valued Intuitionistic Fuzzy Model, 2016, International Journal of Fuzzy Systems and Soft Computing, 17, 2, pp. 399-420., @2016
1799. Yu, D., Liao, H., Visualization and quantitative research on intuitionistic fuzzy studies, 2016, Journal of Intelligent and Fuzzy Systems, 33, 3, pp. 3653-3663., @2016
1800. Zeng, S., Su, W., Zhang, C., Intuitionistic fuzzy generalized probabilistic ordered weighted averaging operator, 2016, Technological and Economic Development of Economy, 22, 2, pp. 177-193., @2016
1801. Zhang, S., Li, X., Meng, F., An approach to multi-criteria decision-making under interval-valued intuitionistic fuzzy environment, 2016, Journal of Industrial and Production Engineering, 33, 4, pp. 253-270., @2016
1802. Zhang, X., A Novel Approach Based on Similarity Measure for Pythagorean Fuzzy Multiple Criteria Group Decision Making, 2016, International Journal of Fuzzy Systems and Soft Computing, 17, 6, pp. 593-611., @2016
1803. Cheng, W. C. (2016). Application of Genetic Algorithm-Based Intuitionistic Fuzzy Neural Network to Medical Diagnosis, 2016, National Taiwan University of Science and Technology. (Doctoral dissertation).
182. Krasteva V, Jekova I. Assessment of ECG frequency and morphology parameters for automatic classification of heart diseases. In: Physiological Measurement, 26, 5, Institute of Physics IOP Publishing, 2005, ISSN:0967-3334, 707-723. SJR:0.322
- Цитира се в:
1804. Менлитдинов АС, Коробейников АВ, Ивашкин ДБ, (2016), Обзор состояния исследований по

имени М.Т. Калашникова, № 1 (2016), pp. 50-54, ISSN 1813-7903, <http://izdat.istu.ru/index.php/vestn>

1805. Chan A, (2016), Chapter 15: Electrocardiographs, pp.267-290, In: Biomedical Device Technology: Prince Publisher Ltd., USA, 746 pages, ISBN: 978-0-398-09083-8; [page 290]., **@2016**
1806. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, Kramer-Johansen J, Eftestøl T, Alonso for the Detection of Shockable Rhythms in Automated External Defibrillators, PLOS <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4956226/>; N48., **@2016**
1807. Prabhakararao E, Manikandan MS, (2016), Efficient and robust ventricular tachycardia and fibrillation monitoring devices, Healthcare Technology Letters, vol. 3, pp. 239–246, DOI: 10.1049/hlt.library.theiet.org/content/journals/10.1049/htl.2016.0010 ; N18., **@2016**

183. **K. Atanassov, Matveev M.**, Shannon A., Tasseva V.. Information model of workflow and resources in g conference on advanced information and telemedicine technologies for health., 2, National Academy of ISSN:1330-1012, 42-46

Цитира се в:

1808. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**
184. **Krasteva V, Jekova I.** Spectral analysis of life-threatening cardiac arrhythmias. Proc. 14-th Internat. Sci. Conf. - Sofia, 2005, ISBN:954-438-520-7, 49-54

Цитира се в:

1809. Ravi NS, Thomas P, (2016), A Modular Approach to Finer Classification of ECG Signals, Internat. Journal and Instrumentation Engineering, Vol 5(10), pp.8220-8229, ISSN: 2320 – 3765, <http://www.ijareeie.co> N8., **@2016**
1810. Ravi NS, Thomas P, (2016), An Improved Method to Detect Common Cardiac Disorders from ECG Signal Logic, Internat. Journal of Review in Electronics and Communication Engineering <http://ijrece.org/index.php/ojs/article/view/520/102> ; N5., **@2016**

185. V. Chakarov, **K. Atanassov, V. Tasseva, Matveev M.**, E. El-Darzi, P. Chountas, I. Petrounas. Generalized decision making. Health care modelling and computation, Medical University Press, Craiova, 2005, ISBN:973-7

Цитира се в:

1811. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**
186. V. Tasseva, **K. Atanassov, Matveev M.**, E. El-Darzi, P. Chountas, F. Gorunescu. Modelling the flow of patients. Health care modelling and computation, Medical University Press, Craiova, 2005, ISBN:973-7757-67-X, 327-330

Цитира се в:

1812. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**
187. Worth, A.P., Bassan, A., Gallegos, A., Netzeva, T.I., Patlewicz, G., Pavan, M., **Tsakovska, I.**, Vracko, M.. The relationships: Preliminary guidance. 2005

Цитира се в:

1813. S. Basak. Mathematical Chemodescriptors and Biodescriptors: Background and Their Applications in the In: Systems Biology Application in Synthetic Biology, pp 117-147, 2016, Print ISBN 978-81-322-2807-3

- 1814.** David Ebuka Arthur , Adamu Uzairu , Paul Mamza , Abechi Eyeji Stephen , Gideon Shallangwa , Quant Relationship Studies of Some Potent compounds on SR Leukemia cell line., Chemical Data Collections (

1815. Mansouri K, Judson RS. In Silico Study of In Vitro GPCR Assays by QSAR Modeling. Methods Mol 3609-0_16., **@2016**

1816. Mihai Putz, Quantum Nanochemistry: Quantum Structure-Activity Relationships (Qu-SAR), Volume 5, A

1817. Ahmed Abdelaziz, Hilde Spahn-Langguth, Karl-Werner Schramm and Igor V. Tetko. Consensus Model Calculates the Best Balanced Accuracy in Tox21 Challenge. Front. Environ. Sci., 04 February 2016, **@2016**

1818. Domenico Gadaleta, Giuseppe Felice, Marco Catto, Angelo Carotti, Orazio Nicolotti, International Relationships, Volume 1 • Issue 1 • January-June 2016, **@2016**

1819. Arnaud M. Wolfer, Sylvain Lozano, Thierry Umbdenstock, Vincent Croixmarie, Alban Arrault, Philip machine learning approach to metabolite identification in untargeted profiling. Metabolomics January 2016

188. Idakieva, K., Parvanova, K., **Todinova, S.**. Differential scanning calorimetry of the irreversible denaturation 1748, 1, Biochimica et Biophysica Acta. Bioenergetics, 2005, DOI:10.1016/j.bbapap.2004.12.004, 50-56. ISI IF: 2.979
I lumupa ce e:

1820. Gómez-Estaca, J., Montero, P., Fernández-Martín, F., Calvo, M.M., Gómez-Guillén, M.C. The effect of of shrimp (*Litopenaeus vannamei*) cephalothorax Innovative Food Science & Emerging Technologies Volume 27, 1, Analysis and Calorimetry Volume 123, Issue 3, 1 March 2016, Pages 2499-2505, **@2016**

189. Roeva, O.. Genetic Algorithms for a Parameter Estimation of a Fermentation Process Model: A Comparison. Industrial and Environmental Chemistry Journal, 2016, 28. SJR:0.228
I lumupa ce e:

1822. Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitive Methodologies, Tools, and Applications, pp. 1125 – 1152, 2016, **@2016**

190. Lessigiarska, I., Nankov, A., Bocheva, A., **Pajeva, I.**, Bijev, A.. 3D-QSAR and preliminary evaluation of pyrrolylcarboxilic acids. Farmaco, 60, 3, 2005, 209-218. ISI IF:0.79
I lumupa ce e:

1823. Mir, N.A., Choudhary, S., Ramaraju, P., Singh, D., Kumar, I. Microwave assisted aminocatalyzed succinaldehyde: Synthesis of pyrrole-3-methanols and related polycyclic ring systems (2016) RSC Advances, 6, 1017., **@2016**

191. Stephanova DI, Daskalova M, Alexandrov AS. Differences in potentials and excitability properties in simulated Clin Neurophysiol, 1116, Elsevier, 2005, ISSN:1388-2457, 1153-1158. ISI IF:2.979
I lumupa ce e:

1824. Pivonello R. · De Martino M.C. · Iacuaniello D. · Simeoli C. · Muscogiuri G. · Carlonagno F. · De Leo M. and Cardiovascular Outcomes of Cortisol Excess Arvat E, Falorni A (eds): Cortisol Excess and Insufficiency, pp 54-65 (DOI:10.1159/000443864), **@2016**

1825. Volman V, Ng LJ. : Perinodal glial swelling mitigates axonal degradation in a model of axonal injury. 1017., **@2016**

192. Todorova, L., A. Temelkov, A. Antonov. GN model of transition to spontaneous breathing after long term mechanical ventilation. **@2016**
I lumupa ce e:

1826. Stefanova-Pavlova, M., Andonov, V., Tasseva, V., Gateva, A., Stefanova, E. Generalized nets in medical diabetes. Studies in Fuzziness and Soft Computing. 2016, 332, pp. 327-357, [@2016](#)

193. Staneva G., Segneurret M., Koumanov K., Trugnan G., Angelova M.I.. Detergents induce raft-like domains in heterogeneous vesicles. A direct microscopy observation. Chem.Phys.Lipids, 136, 2005, 55-66. ISI IF:2.351

Цитира се:

1827. Engberg, O., Hautala, V., Yasuda, T., Dehio, H., Murata, M., Slotte, J.P., Nyholm, T.K.M, The Affinity Lateral Segregation in Bilayers, Biophysical Journal, 111(3), 546-556, 2016., [@2016](#)

1828. Otzen, D. E., Biosurfactants and surfactants interacting with membranes and proteins: Same <http://dx.doi.org/10.1016/j.bbamem.2016.09.024>, [@2016](#)

1829. Hiroyuki Ohshima, Hiroki Matsubara, Takanori Takiue and Makoto Aratono, 52. Impact of Line Tension and Biointerface Science 2V Set, Published Online: 24 SEP 2016, DOI: 10.1002/9781119075691 Inc., [@2016](#)

1830. Ito, Hiroaki, Shape fluctuation and deformation of biological soft interfaces, ell membrane cytoskeleton and spectroscopy. Dissertation, Kyoto University, 2016, <http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2324/10000/1/thesis.pdf>

194. Vladkova TG, Keranov IL, Dineff PD, Youroukov SY, Krasteva N, Altankov GP. Plasma based Ar+ beam assisted nuclear modification of DNA. Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 2016, 375, 10-14.

Цитира се:

1831. Tong, L., Zhou, W., Zhao, Y., Yu, X., Wang, H., Chu, P.K. Enhanced cytocompatibility and reduced plasma immersion ion implantation. Colloids and Surfaces B: Biointerfaces, 148, (1), pp. 139-146, [@2016](#)

1832. Malecha, K., The utilization of LTCC-PDMS bonding technology for microfluidic system applications. Microfluidics and Nanofluidics International, 33, (3), pp. 141-148, [@2016](#)

1833. Peng, F., Ni, Y., Zhou, Q., Kou, J., Lu, C., Xu, Z., Fabrication of a flexible graphene-TiO₂/PDMS pressure glow discharge treatment, Chemical Engineering and Processing: Process Intensification, 101, pp. 1-10, 2016.

195. Stephanova DI, Daskalova M. Differences in potentials and excitability properties in simulated cases of demyelination. Clin Neurophysiol, 116, Elsevier, 2005, ISSN:1388-2457, 1159-1166. ISI IF:2.979

Цитира се:

1834. Castelfranco AM, Hartline DK.: Evolution of rapid nerve conduction. Review. Brain Research, 1641, 11-18, 2015.

1835. Volman V, Ng LJ. : Perinodal glial swelling mitigates axonal degradation in a model of axonal injury. J. of Neuroscience, 37, 1017., [@2016](#)

196. Levkov Ch, Mihov G, Ivannov R, Daskalov I, Christov I, Dotsinsky I. Removal of power-line interference from biomedical signals. Biomedical Engineering Online, 4, 50, 2005, SJR:1.36, ISI IF:1.82

Цитира се:

1836. Ravikanth L, Jayas DS, White ND, Fields PG, Sun DW (2016) Extraction of spectral information from imaging for food and agricultural products. Food and Bioprocess Technology, pp. 1-33., [@2016](#)

1837. Sharma T, Sharma KK (2016) Power line interference removal from ECG signals using wavelet transforms. Advances in Computing, Communications and Informatics, 21-24 Sept., Jaipur, India, pp. 95-101., [@2016](#)

1838. Pereira, F, Carvalho V, Soares F, Machado J, Bezerra K, Silva R, Matos D (2016) Development of a portable ECG signal processing system for foetal monitoring in bedridden subjects. J. of Engineering, vol. 2016, 9 pages, <http://downloads.hindawi.com/journals/je/2016/103571/>

1839. Aggarwal N, Singh BA (2016) Review of techniques for foetal electrocardiogram extraction. Communications in Computer and Information Science, 629, 1-10, Springer, Berlin, Heidelberg.

<http://www.caeaccess.org/research/volume4/number9/aggarwal-2016-cae-652175.pdf.>, **@2016**

1840. Limaye MH, Deshmukh MV (2016) ECG noise sources and various noise removal techniques: A survey & Management, 5, (2), pp. 86-92, <http://www.ijaiem.org/Volume5Issue2/IJAIEM-2016-02-25-22.pdf>, **@2016**
1841. Akdemir B, Kulaksız AA, Öztürk Ş (2016) A novel isolated filter built with one transistor for industrial Engineering, 4, (3), pp. 226-230, <http://www.ijeee.net/uploadfile/2016/0628/20160628020415267.pdf>, **(a)**
1842. Lobabi-Mirghavami H, Abdali-Mohammadi F, Fathi A (2016) A novel grammar-based approach to automated healthcare environments. Journal of Computing and Security, 2, (2), pp. 155-163., **@2016**
1843. Tomasini M, Benatti S, Milosevic B, Farella E, Benini L (2016) Power line interference removal for health monitoring in low-power wearable devices. IEEE Sensors J., DOI: 10.1109/JSEN.2016.2536363, **@2016**
1844. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological states. Int. J. of Bioautomation, 20, (1), pp., **@2016**
1845. Daluwatte C, Johannessen L, Galeotti L, Vicente J, Strauss DG, Scully CG (2016) Assessing ECG signal quality from pathologically different arrhythmic ECGs. Physiological Measurement, 37, (8), 1370., **@2016**
1846. Erin Preiss (2016) T wave and QT interval in the standardbred horse: A descriptive study. MS thesis, https://atrium.lib.uoguelph.ca/xmlui/bitstream/handle/10214/9927/Preiss_Erin_201609_Msc.pdf?sequence=1&isAllowed=y
1847. Soo-Chang Pei, Wen-Yang Lu, Bo-Yi Guo (2016 in press) Pole-zero assignment of allpass based notch filter II, **@2016**
1848. Blizzard B, Youngquist M (2016) System and methods for constructing a noise cancellation system. <http://www.freepatentsonline.com/9294139.pdf>, **@2016**
1849. Nishant Aggarwal, Butta Singh (2016) A review of techniques for foetal electrocardiogram extraction. **@2016**
1850. Simone Benatti (2016) Advanced interfaces for HMI in hand gesture recognition. PhD thesis, Alma Mater Studiorum Università di Bologna, http://amsdottorato.unibo.it/7448/1/Benatti_Simone_tesi.pdf, **@2016**
1851. Galloway CDC, Valys AV, Hughes NP, Albert DE (2016) Devices and methods for real-time denoising of ECG signals. <https://www.google.com/patents/US9247911>, **@2016**
1852. Albert DE (2016) Two electrode apparatus and methods for twelve lead ECG. <https://www.google.com/patents/US9351654>, **@2016**
1853. Galloway CDC, Albert DE (2016) Electrocardiogram signal detection. US Patent US9254095 B2, <https://www.google.com/patents/US9254095>
1854. Albert DE, Wade J (2016) Systems and methods for processing and analyzing ECG signals. <https://www.google.com/patents/US9254092>, **@2016**
1855. Bhoi AK, Sherpa KS, Khandelwal B (2016) Baseline drift removal of ECG signal: Comparative analysis. In: Research advances in the integration of big data and smart computing, Ed: Mallick PK, © IGI Global, 38(1), 1-16
197. Atanassova, Vassia. Strategies for Decision Making in the Conditions of Intuitionistic Fuzziness. Computational Fuzzy Logic Theory and Applications. Springer, 2005, ISBN:978-3-540-22807-3, DOI:10.1007/3-540-31182-3_23, 263-269
- Izumupa ce e:
1856. Szmidt, E., Kacprzyk, J., & Kukier, M. (2016). Recognizing Imbalanced Classes by an Intuitionistic Fuzzy Information Representation and Processing (pp. 233-247). Springer International Publishing., **@2016**
198. Prokopova R, Matveev M. Correlating changes in heart autonomic balance and ventricular arrhythmias reflecting carvedilol. Eur J Heart. 2005;152:37-8.. 22, European Hearth Journal, 2005, 2-2
- Izumupa ce e:

- 1857.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, [@2016](#)
- 199.** Chakarov, Vihren, Shannon, Anthony, **Atanassov, Krassimir**. Generalized net model of human hematopoietic system. [Цитира се в:](#)
- 1858.** Stefanova-Pavlova, M., Andonov, V., Tasseva, V., Gateva, A., & Stefanova, E. (2016). Generalized Net Model of Hematopoiesis in People with Diabetes. In Imprecision and Uncertainty in Information Representation and Processing. Springer Publishing., [@2016](#)
- 200.** **Petrov, M., T. Ilkova**, S. Tzonkov, U. Viesturs. Application of a Fuzzy Neural Network for Modeling of the Kinetics of Bioreactor. International Journal Bioautomation, 2, Prof. Marin Drinov, Publishing House of Bulgarian Academy of Sciences, Print 1314-1902, 1-7. SJR:0.228
- [Цитира се в:](#)
- 1859.** Kirilova E., N. Vaklieva-Bancheva, R. Vladova, Prediction of Temperature Conditions of Autothermal Processes in Wastewater Treatment Plants, Int. J. Bioautomation, 2016, 20(2), 289-300, [@2016](#)
- 201.** Христов И. Премахване на смущения, разпознаване на вълни и измерване на параметри в електрокардиограма. Докторска научна степен “Доктор на техническите науки”. БАН, 2005
- [Цитира се в:](#)
- 1860.** Валентин Цибулко (2016) Практиране изследване и анализ на методи и устройства за телеметрически измервания. Дисертация за “Доктор”, Техн. Унив. – София, 127 стр., [@2016](#)
- 202.** Diadovski, I., **M. Petrov, T. Ilkova**, I. Ivanov. A Model for the Mesta River Pollution Assessment Based on the Water Quality Engineering Quarterly, 19, 3, 2005, ISSN:ISSN 0352-9568, EI ISSN 1846-5153, 291-296. ISI IF:0.675
- [Цитира се в:](#)
- 1861.** Sharmila S., I. Arockiarani, A Pollution Model of the River Ganges through Inter Criteria Analysis, Results in Physics, Oceans and Oceanography, 2016, 10(2), 81-91, ISSN 0973-2667, [@2016](#)
- 203.** **Krumova, S. B., Todanova, S. J., Busheva, M., Taneva, S. G.** Kinetic nature of the thermal destabilization of proteins. Biophysical Chemistry, 100, 2, 2005, 165-170. ISI IF:1.597
- [Цитира се в:](#)
- 1862.** Karlicky, V; Kurasova, I; Ptackova, B; Vecerova, K; Urban, O; Spunda, V, Enhanced thermal stability of selected angiosperms in comparison with selected angiosperms, PHOTOSYNTHESIS RESEARCH, Volume: 130 Issue: 1, DOI: 10.1007/s11120-016-0269-3, Published: DEC 2016, [@2016](#)
- 204.** Christov I, Jekova I, Bortolan G. Premature ventricular contraction classification by the Kth nearest neighbour rule. Biophysical Chemistry, 130, 2016, 130. SJR:2.11, ISI IF:1.8
- [Цитира се в:](#)
- 1863.** Yazdani S, Vesin J-M (2016 in press) Extraction of QRS fiducial points from the ecg using adaptive machine learning. doi:10.1016/j.dsp.2016.06.010., [@2016](#)
- 1864.** Campos Oliveira LS, Varejao Andreao R, Sarcinelli Filho M (2016) Bayesian network with decision rules for heart disease. America Transactions, 14, (3), pp. 1103-1108, [@2016](#)
- 205.** Jordan G. Petrov, **Tonya D. Andreeva**, D. G. Kurth, H. Möhwald. Negative Dipole Potentials of Uncharged Polymers with Hydrophilic Heads.. J. Phys. Chem. B, 109, 29, ACS Publications, 2005, ISSN:1520-6106, DOI:10.1021/jp05155a010

Iłumupa ce ε:

1865. Epameinondas Leontidis, Chaotropic salts interacting with soft matter: Beyond the lyotropic series, Current Opinion in Colloid and Interface Science, 23, 100-109., @2016
206. Andreeva, A, **Velitchkova, M.** Resonance Raman Spectroscopy of Carotenoids in Photosystem I Particles. 114, IF:1.986

Iłumupa ce ε:

1866. Olivia Sackett, Katherina Petrou, Brian Reedy, Ross Hill, Martina Doblin, John Beardall, Peter Ralph, Carbon productivity, carbon and protein content in a Southern Ocean diatom using FTIR spectroscopy, DOI: 10.1038/ismej.2015.123., @2016
1867. Kamilla Małek (2016) Spektroskopia oscylacyjna. Wydawnictwo Naukowe PWN, ISBN-13 978-83-01-1207-0

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

Iłumupa ce ε:

1868. Haryosuprobo IR, Sugiarto Y, Suryad FX (2016) Ekstraksi ciri sinyal EKG aritmia menggunakan metode Wavelet transform dan Independent Component Analysis. Elektroteknika, 15, (2), pp. 149-164, http://www.jurnaltechne.org/archives/2016152/201615207-hry.pdf, DOI: 10.1038/ismej.2015.123., @2016
1869. Gautam MK, Giri VK (2016) Comparative approach of feature extraction of ECG signal by Wavelet transform and Independent Component Analysis. 4 pages, http://www.academia.edu/download/44206855/ieee_format_wt_fft_ica.pdf, DOI: 10.1038/ismej.2015.123., @2016
1870. Gautam MK (2016) Performance analysis of ECG signal by wavelet transform, independent component analysis andICA. International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 1, (2), pp. 95-98, http://www.academia.edu/download/44206855/ieee_format_wt_fft_ica.pdf, DOI: 10.1038/ismej.2015.123., @2016

208. **Velitchkova, M, Popova, A.** High light-induced changes of 77 K fluorescence emission of pea thylakoid membranes. Bioelectrochemistry, 67, 81-90., 2005, 81-90. ISI IF:4.172

Iłumupa ce ε:

1871. Wang Y., Ji K., Shen S., Chen H., 2016, Probing molecular events associated with early development of cognitive impairment using high-throughput proteomics and low temperature fluorescence, Journal of Proteomics, 143 (2016) 401–415. DOI: 10.1016/j.jprot.2016.07.016
209. **Raikova , R.**, Gabriel, D.A., Aladjov, H.. Experimental and modelling investigation of learning a fast extensor reflex. Biomechanics, 38, Elsevier, 2005, 2070-2077. ISI IF:2.784

Iłumupa ce ε:

1872. Nima Toosizadeh, Bijan Najafi, Eric M. Reiman, Reine M. Mager, Jaimeson K. Veldhuizen, Kathy O’Donnell, and Michael J. Hwang (2016) Assessing Cognitive Impairment in Older Adults Using the Extremity Dual-Task Function: An Innovative Method to Assess Cognitive Impairment in Older Adults. DOI: 10.3389/fnagi.2016.00167, @2016

2006

210. Shannon, A., **Atanassov, K. T.**. On a generalization of intuitionistic fuzzy graphs. Notes on Intuitionistic Fuzzy Graphs, 2, 2006, 1-14.

Iłumupa ce ε:

1873. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., @2016
1874. Nagoorgani, A., Akram, M., & Anupriya, S. (2016). Double domination on intuitionistic fuzzy graphs. Notes on Intuitionistic Fuzzy Graphs, 2(1-2), 515-528., @2016

- 211.** Mohammadi B., Krampfl K., Petri S., Bogdanova D., **Kossev A.**, Bufler J., Dengler R.. Selective and nonselective blockade of GABA_A receptors in motor cortex excitability.. Muscle & Nerve, 33, 2006, ISSN:0148639X, 778-784. ISI IF:2.456

Цитира се:

- 1875.** Oberman, LM, Enticott PG, Casanova MF, Rotenberg A, Pascual-Leone A, Mccracken JT, Ameis S, Buxbaum JD, Hollander E, Iacoboni M, Lim K, Mostofsky S, Pedapati E, Swedo S, Taylor KH, Wang H, et al. (2016) Brain imaging and genetic analysis in autism spectrum disorder: Challenges, promise, and roadmap for future research., Autism Research, 9(1), 1-10.

- 1876.** Volz MS, Finke C, Harms L, Jurek, B, Paul F, Flöel A, Prüss H (2016) ANNALS OF CLINICAL AND APPLIED LIMB PHYSIOLOGY, 113., **@2016**

- 1877.** Potter-Baker KA, Janini DP, Frost FS, Chabra P, Varnerin N, Cunningham DA, Sankarasubramanian A, et al. (2016) JOURNAL OF CLINICAL ANESTHESIA, 99(3), 980-990., **@2016**

- 212.** Gomez-Herrero G, **Jekova I**, **Krasteva V**, **Christov I**, Gotchev A, Egiazarian K. Relative estimation of the number of ventricular ectopic beats by using the entropy of the heart rate variability. Computers in Cardiology, 33, IEEE Computer Society, 2006, ISSN:0276-6574

Цитира се:

- 1878.** Mateo J, Torres AM, Aparicio A, Santos JL, (2016), An efficient method for ECG beat classification based on wavelet transform and support vector machines. *Computers in Electrical Engineering*, vol. 53, pp. 219-229, doi:10.1016/j.compeleceng.2016.07.011; <http://www.sciencedirect.com/science/article/pii/S0045790615004450>; N12., **@2016**

- 1879.** Gaouar I, (2015), Apprentissage en ligne pour le développement d'un classifieur de données médicales et d'informatique, University of Abou Bekr Belkaid, Tlemcen, Algeria, 120 pages, <http://dspace.univ-tlmc.dz/jspui/bitstream/123456789/1000/1/ligne-pour-le-developpement-dun-classifieur-deedonnees-medicales.pdf>; [Page 113]., **@2016**

- 213.** Pankov R, **Markovska T**, **Hazarosova R**, Antonov P, Ivanova L., **Momchilova A.**. Cholesterol distribution in $\beta 1$ integrin-deficient fibroblasts.. Arch Biochem Biophys, 442, 2006, 160-168. ISI IF:2.66

Цитира се:

- 1880.** Kalli, A., Rog, T., Vattulainen, I., Campbell, I., Sansom, M., The Integrin Receptor in Biologically Relevant Simulations, J. Membr. Biol., pp 1-15, 2016, **@2016**

- 214.** Fedina, I, Georgieva, K, **Velitchkova, M**, Grigorova, I. Effect of pretreatment of barley seedlings with different polyphenols on the growth and photosynthesis of light-dependent and dark absorbing compounds. Environm. Exp. Bot., 2006, 225-230. ISI IF:3.359

Цитира се:

- 1881.** Vasilissa Manova, Ralitsa Georgieva, Borislav Borisov and Lubomir Stoilov (2016) Efficient removal of DNA double-strand breaks by dark repair pathways. Physiol. Plant, 158, 236–253.

- 1882.** Vasilissa Manova, Ralitsa Georgieva, Borislav Borisov and Lubomir Stoilov (2016) Efficient removal of DNA double-strand breaks by dark repair pathways. Physiol. Plant. 158, 236–253.

- 215.** **Apostolova, E.L.**, **Dobrikova, A.G.**, Ivanova, P.I., Petkanchin, I.B., **Taneva, S.G.**. Relationship between the functions of the photosynthetic apparatus. Journal of Photochemistry and Photobiology B: Photochemistry and Photobiology, 100, 2011, 114-122. DOI:10.1016/j.jphotobiol.2005.12.012, 114-122. ISI IF:1.909

Цитира се:

- 1883.** 40. Szopkó D., Darkó É., Molnár I., Kruppa K., Háló B., Vojtkó A., Molnár-Láng M., Dulai S., Photo (Manas) 7H addition line to salt stress, Photosynthetica, 2016, 1-13. DOI:10.1007/s11099-016-0241-7, 1-13.

- 216.** Globisch, C., **Pajeva, I.**, Wiese, M.. Structure-Activity Relationships of a Series of Tariquidar Analogs as Multifunctional Antidiabetic Agents. J. Med. Chem., 49, 2006, 1588-1598. ISI IF:2.624

Izumupa ce e:

1884. Shayanfar, S., Shayanfar, A., Ghandadi, M. Image-Based Analysis to Predict the Activity of Tariq Importance of External Validation. Archiv der Pharmazie, 349 (2), pp. 124-131, Feb 2016., **@2016**
217. **Roeva O.**, St. Tzonkov. Modelling of Escherichia coli Cultivations: Acetate Inhibition in a Fed-batch Culture. 11
- Izumupa ce e:
1885. Stoller M., D. Baiocco, A. Cicci, M. Bravi, Description of the Biofouling Phenomena Affecting Membrane Engineering Transactions, Vol. 49, 2016, 589-594, DOI: 10.3303/CET1649099, **@2016**
218. **Christov I**, Simova I. Fully automated method for QT interval measurement in ECG. Computers in Cardiology, 2016
- Izumupa ce e:
1886. Behar J, Zhu T, Oster J, Niksch A, Mah DY, et al. (2016). Evaluation of the fetal QT interval using Measurement, 37, (9), pp. 1392-1403, <http://iopscience.iop.org/article/10.1088/0967-3334/37/9/1392/pdf>
1887. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
219. Georgieva K., **Maslenkova L.**. Thermostability and Photostability of Photosystem II of the Resurrection Plant. Fluorescence. Zeitschrift für Naturforschung C, 61, 3-4, 2006, ISSN:(Print) 0939-5075, DOI:DOI: <https://doi.org/10.1166/zfn.2006.1111>
- Izumupa ce e:
1888. Agrawal, D., Allakhverdiev, S. I., & Jajoo, A. (2016). Cyclic electron flow plays an important role in plant stress. Russian Journal of Plant Physiology, 63(2), 210-215., **@2016**
1889. Paul, K. Screening and characterization of plant physiological traits using photosynthetic and phenotypic methods. Faculty of Agriculture and Informatics, University of Szeged, Szeged, Hungary 2016., **@2016**
220. Hincha, D.K., Cacela, C., **Popova, A.V.**. Effects of sugars on the stability and structure of lipid membranes during Liposomes, (Leitmanova Liu A.L., Ed), 3, Elsevier, 2006, DOI:10.1016/S1554-4516(05)03006-1, 189-217
- Izumupa ce e:
1890. Anjum S.A., Ran W., Jian-Hang N., Zohaib A., Li J.-H., Mei-Ru L., Song J.-X., Jun L., San-Gen W., et al. (2016). Effect of sucrose on growth and physiological characters of Leymus chinensis (TRIN.) tzvel. Under low temperature. Small Ruminant Research, 135(5):1354-1360., **@2016**
1891. Romano N., Schebor C., Mobili P., Gómez-Zavaglia A., 2016, Role of mono- and oligosaccharides from the storage of Lactobacillus delbrueckii subsp. Bulgaricus, Food Research International, 90, 251-258, **@2016**
1892. Daramola J.O., Adekunle E.O., Iyasere O.S., Oke O.E., Sorongbe T.A., Iyanda O.A., Kehinde A.R., Adebayo Olukayode E.O., Ajayi R.A., Enikannaye O.J., Osunjaiye E.D., 2016, Effects of coconut milk alone or sucrose on viability of buck spermatozoa during vitrification, Small Ruminant Research, 136, 208-213, **@2016**
1893. Romano, N., Santos, M., Mobili, P., Vega, R., Gómez-Zavaglia, A., 2016, Effect of sucrose concentration on short-chain fructo-oligosaccharides as determined by FTIR and multivariate analysis, Food Chemistry, 2016
1894. Sharbatkhari M., Shobbar Z.-S., Galeshi S., Nakhoda B., 2016, Wheat stem reserves and salinity tolerance and remobilization to grains, Planta, DOI: 10.1007/s00425-016-2497-3, **@2016**
221. **Hadjitodorov S.**, L. I. Kuncheva, **L. P. Todorova**. Moderate Diversity for Better Cluster Ensembles. Information Sciences, 2535, 264-275. SJR:1.75, ISI IF:3.681

Izumupa ce e:

- 1895.** Aalaa Mojahed. An Integrated Clustering Analysis Framework for Heterogeneous Data, A thesis submitted to University of East Anglia, School of Computing Sciences, August 26, 2016, p.257, , **@2016**
- 1896.** Ebrahim Akbari, Halina Mohamed Dahlan, Roliana Ibrahim. Cluster ensemble extraction for knowledge discovery in INFORMATION SCIENCE and APPLICATIONS, Volume 12, 2015, pp. 219-229, E-ISSN: 2224-3402, Print ISSN: 1062-1024
- 1897.** Yang Lei, Nguyen Xuan Vinh, Jeffrey Chan, James Bailey. rFILTA: relevant and nonredundant view discovery and ranking, Knowledge and Information Systems, 2016, DOI: 10.1007/s10115-016-1008-y, Print ISSN: 0218-5826, Online ISSN: 1434-629X
- 1898.** Milton Pividori. Ensamble de agrupamientos con aplicaciones en bioinformática, UNIVERSIDAD TECNICA DE SANTA FE, Doctorado en Ingeniería, Mención Sistemas de Información, Tesis doctoral, p.135, .Santa Fe de la Veracruz, Mexico, 2015
- 1899.** Zamudio, E., Berdún, L.S., Amandi, A.A. (2016). Social networks and genetic algorithms to choose the best solution. Systems with Applications, 43, pp. 261-270, **@2016**
- 1900.** Jie Hu, Tianrui Li, Hongjun Wang, Hamido Fujita. Hierarchical cluster ensemble model based on knowledge discovery, 179-188; JAN 2016 , Available online 16 October 2015, doi:10.1016/j.knosys.2015.10.006, **@2016**
- 1901.** Lúcia Sousa. The Consensus Clustering as a Contribution to Parental Recognition Problem Based on Human Engineering Research and Science (IJAERS), Vol-3, Issue-3 , March- 2016, pp.34-43, ISSN: 2349-6495, Online ISSN: 2349-6495
- 1902.** Brijnesh J. Jain. Condorcet's Jury Theorem for Consensus Clustering, arXiv:1604.07711v1 [stat.ML] 26 APR 2016
- 1903.** Milton Pividori, Georgina Stegmayer, Diego Milone . Diversity control for improving the analysis of complex systems, 2016, pp. 120 – 134, doi:10.1016/j.ins.2016.04.027, , **@2016**
- 1904.** Germain Forestier, Cédric Wemmert. Semi-supervised learning using multiple clusterings with limited information, 10.1016/j.ins.2016.04.040 SEP 20 2016, doi:10.1016/j.ins.2016.04.040, , **@2016**
- 1905.** Rastin, P., Cabanes, G., Grozavu, N., Bennani, Y. Collaborative clustering: How to select the optimal configuration? Series on Computational Intelligence, SSCI 2015 , art. no. 7376692 , 2016, pp. 787 – 794, 10.1109/SSCI.2015.7376692
- 1906.** Rayana, S; Akoglu, L. Less is More: Building Selective Anomaly Ensembles, ACM TRANSACTIONS ON KNOWLEDGE DISCOVERY FROM DATA, 10 (4):SI 10.1145/2890508 JUL 2016, **@2016**
- 1907.** Dimitrios Bountouridis, Hendrik Vincent Koops, Frans Wiering, Remco C. Veltkamp Music Outlier Detection Using Independent Ensembles, Chapter Similarity Search and Applications, Volume 9939 of the series Lecture Notes in Computer Science, September 2016, DOI: 10.1007/978-3-319-46759-7_22, Print ISBN 978-3-319-46758-0, Online ISBN 978-3-319-46759-7
- 1908.** Tarek Abdunabi . A Framework for Ensemble Predictive Modeling, A thesis presented to the University of Waterloo for the degree of Doctor of Philosophy in Electrical and Computer Engineering , Waterloo, Ontario, Canada, 2016
- 1909.** Nejc Ilc. Clustering Based on Weighted Ensemble, A dissertation presented to The Faculty of Computer Science and Engineering, Dalhousie University, Halifax, Nova Scotia, Canada, 2016, pp. 143, requirements for the degree of Doctor of Philosophy in the subject of Computer and Information Sciences
- 222.** Matveev M, Naydenov S, Krasteva V, Donova T, Christov I. Assessment of the infarct size in high-resolution CT, 2006, ISSN:0276–6547, 461-464. SJR:0.227

Izumupa ce e:

- 1910.** Dingfei Ge, Wujie Zhou, (2016), Discrimination of different myocardial infarction stages using wide band signal processing and Control, 25, pp. 143–149; N2., **@2016**
- 1911.** Ronzhina M, (2016), Study of Electrophysiological function of the heart in experimental cardiology, Brno University of Technology, 165 pages, <https://dspace.vutbr.cz/handle/11012/63316>

- 223.** Vracko, M., Bandelj, V., Barbieri, P., Benfenati, E., Chaudhry, Q., Cronin, M., Devillers, J., Gallegos, A., Gómez, J., Neagu, D., Netzeva, T., Pavan, M, Patlewicz, G., Randic, M., Tsakovska, I, Worth, A.. Validation of countermeasures in toxicology according to the OECD principles: a case study. SAR AND QSAR IN ENVIRONMENTAL RESEARCH AND MANAGEMENT, 2016, 27(10), 1023-1038

Izumupa ce e:

- 1912.** Sean Ekins. The Next Era: Deep Learning in Pharmaceutical Research. *Pharm Res* (2016). doi:10.1007/s00310-016-2382-0
- 224.** Dimitrov, G V, **Arabadzhiev, T I**, Mileva, K N, Bowtell, J L, Crichton, N, Dimitrova, N A. Muscle fatigue during incremental exercise. *Medicine & Science in Sports & Exercise*, 38, 11, Lippincott Williams & Wilkins, 2006, ISSN:0195-7111-1971-1979. ISI IF:4.459
- Цитира се:
- 1913.** Kahl L, Hofmann UG: Comparison of algorithms to quantify muscle fatigue in upper limb muscles based on EMG signal processing. *Hum Mov Sci*. 2016, 38(11): 1260-1269., **@2016**
- 1914.** Latasa I, Cordova A, Malanda A, Navallas J, Lavilla-Oiz A, Rodriguez-Falces A: Limitations of spectral analysis of neuromuscular fatigue threshold during incremental ergometer cycling, *Journal of Sports Science and Medicine* 2016, 15(2): 139-146., **@2016**
- 1915.** Zoppirolli C, Pellegrini B, Bortolan L, Schena F: Effects of short-term fatigue on biomechanical and performance parameters in cross-country skiers, *Hum Mov Sci*. 2016, 47:88-97, **@2016**
- 1916.** Manero RBR, Grewal J, Michael B, Shafti A, Althoefer K, Fernandez JLIR, Howard MJ: Wearable EMG Sensors for Monitoring Human Upper Leg, Preprint submitted to IEEE-EMBC 2016, **@2016**
- 1917.** Brown N, Bichler S, Fiedler M, Alt W: Fatigue detection in strength training using three-dimensional motion capture, *Sports Biomechanics*, 2016; 15(2): 139-159., **@2016**
- 1918.** Jick LJ, Lee J, Hun KH, Woo IJ, Hyeon HJ, Ho HJ, Hyun Y, Young R: Analysis on the Change of the Muscle Activation Pattern and the Changes of the Pedaling Gear Ratio Detection during Cycling Exercise. 자전거 운동 시 표면근전도를 이용한 근피로도 변동 분석 및 험성 근육 활성화 패턴 분석. *연세대학교* 2016: 595-596., **@2016**
- 1919.** Talebian S, Saba M, Bagheri H, Olyaei G, Mousavi S: The Comparison between Spectral and Entropy Features of Electromyography Signals of Muscles, *Journal of Rehabilitation Sciences and Research* 2016, 1(3): 20-24., **@2016**
- 1920.** Assessment muscle fatigue using statistical study and classification: A review. 2015 IEEE International Conference on Computing, Communications and Systems Engineering (ICCSCE), 27-29 Nov. 2015, Penang, Malaysia :206-211. DOI: 10.1109/ICCSCE.2015.7482320
- 1921.** Smith CM: Time Course of Changes in Neuromuscular Parameters during Fatiguing High-Load and Low-Resistance Leg Extension Muscle Actions. Master Thesis, Department of Nutrition and Health Sciences, University of Northumbria, 2016., **@2016**
- 1922.** Paz GA, DeFreitas J, de Freitas Maia M, Silva J, Lima V, Miranda H: Electromyography Activation of Elastic Band to Stabilize Knee Joint During Multiple Sets With Submaximal Loads, *Journal of Strength and Conditioning Research* 2016, 30(1): 101-106., **@2016**
- 1923.** Mokaya F, Lucas R, Noh HY, Zhang P: Burnout: A Wearable System for Unobtrusive Skeletal Muscle Activity Monitoring, *Proceedings of the 2016 International Conference on Information Processing in Sensor Networks (IPSN)*, Vienna, Austria, 11-14 May 2016, pp. 1-6., **@2016**
- 1924.** Raj R, Ramakrishna R, Sivanandan, KS: A real time surface electromyography signal driven prosthetic hand control system, *Journal of Biomedical Engineering Letters* 2016, 6(4): 276-286., **@2016**
- 1925.** Biagetti G, Crippa P, Orcioni S, Turchetti C: Homomorphic Deconvolution for MUAP Estimation from surface electromyography signals, *Journal of Biomedical Engineering and Health Informatics*, 2016, doi: 10.1109/JBHI.2016.2530943., **@2016**
- 225.** Matveev M, Prokopova R, Nachev Ch. Normal and Abnormal Circadian Characteristics in Autonomic Cardiac Control. Nova Publishers, 2006
- Цитира се:
- 1926.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological states. *Int. J. of Bioautomation*, 20, (1), pp. 43-68, **@2016**
- 226.** A. Shannon, D. Peneva, E. El-Darzi, **K. Atanassov, Matveev M.**, P. Chountas, **P. Vassilev**, V. Tasseva. The generalization of the model of the heart activity. Proceedings of the international conference "Automatics and Informatics'06", BAS, 2006, 119-122

Llumupa ce e:

1927. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, [@2016](#)
227. Faucheuax, N., **Tzoneva, R.**, Nagel, M., Groth, T.. The dependence of fibrillar adhesions in human fibroblasts. Elsevier, 2006, ISSN:0142-9612, DOI:doi:10.1016/j.biomaterials.2005.05.076, 234-245. SJR:2.937, ISI IF:8.557

Llumupa ce e:

1928. Guided Cellular Responses by Surface Cues for Nanomedicine Applications R Ogaki, OZ Andersen, M Hwang et al. Biomaterials, 27, 2006, 100-106, ISSN:0142-9612, DOI:doi:10.1016/j.biomaterials.2005.09.020, SJR:2.937, ISI IF:8.557
1929. Study of mechanical properties and biocompatibility of the stents, Xiong Y., Tian W., Nanotechnology, 17, 2006, 100-106, ISSN:0957-4484, DOI:doi:10.1080/09574480500450001, SJR:2.937, ISI IF:8.557
1930. Surfaces Mimicking Glycosaminoglycans Trigger Different Response of Stem Cells via Distinct Fibronectin Receptors, Soares Da Costa D., Amorim S., Reis R.L., Pires R.A., Pashkuleva I., Interfaces, 8(42), [@2016](#)

228. Dimitrov G., **Mladenov I.**. A New Formula for the Exponents of the Generators of the Lorentz Group. Geom. Integrability and Applications, 2016, 17, 1-10, ISSN:1314-3392, DOI:doi:10.5937/geom1601001d, [@2016](#)

Llumupa ce e:

1931. Arkadiusz J. and Jerzy S., arxiv: 1611.06379v1, [@2016](#)
1932. Jadczyk A. and Szulga J., Electronic Journal of Linear Algebra 31, 2016, 794-833, [@2016](#)

229. **Christov I**, Gómez-Herrero G, **Krasteva V**, **Jekova I**, Gotchev A, Egiazarian K. Comparative study of morphology of heartbeat classification. Medical Engineering & Physics, 28, 9, 2006, 876-887. SJR:2.07, ISI IF:1.82

Llumupa ce e:

1933. Agarwal S, Krishnamoorthy V, Pratiher S, (2016), ECG signal analysis using wavelet coherence and entropy for diseases. Int. Conf. on Advances in Computing, Communications and Informatics (ICACCI), 2016, 10.1109/ICACCI.2016.7732481, ISBN: 978-1-5090-2029-4; N6., [@2016](#)
1934. Ripoll VJR, Wojdel A, Romero E, Ramos P, Brugada J (2016) ECG assessment based on neural networks. *Computers in Cardiology*, 43, pp. 399–406, doi: <http://dx.doi.org/10.1109/CARDIO45000.2016.8013>, <http://www.sciencedirect.com/science/article/pii/S0730223X16300001>
1935. Zhang Youquan (2016) Simple and effective feature selection algorithm and its application on heartbeat classification. Department of Electrical Engineering, Hokkaido University of Sciences, Faculty of Science, <http://www.airitilibrary.com/Publication/alDetailedMesh?docid=U0022-1306201605083600#Reference>
1936. Ronzhina M, (2016), Study of Electrophysiological function of the heart in experimental cardiology, Brno University of Technology, 165 pages, <https://dspace.vutbr.cz/handle/11012/63316>
1937. Yun-Chi Yen, Chun-Wei Chen, Che Wun Chiou, Tsui-Yao Chu, (2016), A reliable feature selection method based on weighted principal component analysis. 2016 Internat. Conf. on System Science and Engineering (ICSSSE), 2016, 10.1109/ICSSE.2016.7551594, ISSN: 2325-0925; N10., [@2016](#)
1938. Andreotti F, Behar J, Zaunseder S, Oster J, Clifford G, (2016), An open-source framework for stress-test of the heart. *Physiological Measurement*, 37, (5), pp. 627-648, ISSN: 0967-3334, <http://dx.doi.org/10.1088/0967-3334/37/5/627>
1939. Berwal P, Solanki K (2016) Data mining application for health seeker and provider. *Int. J. Semantic Computing*, 10, (1), pp. 1-12, <https://pdfs.semanticscholar.org/ee64/56751d6945b2032e226a2ad09ed95ace97b5.pdf>, [@2016](#)
1940. Mateo J, Torres AM, Aparicio A, Santos JL (2016) An efficient method for ECG beat classification and detection. *Computers in Cardiology*, 43, pp. 219-229, <http://www.sciencedirect.com/science/article/pii/S0730223X163004450>, [@2016](#)
1941. Sadeghi Z, Jazayeriy H, Fateri S (2016) A low complexity ANFIS approach for premature ventricular contractions detection. *J. of Advances in Computer Research*, 7, (1), 35-48, http://jacr.iausari.ac.ir/article_17851_41e1ff4f79a7d.html
1942. Hamed I, Mohamed O, (2016), Automatic arrhythmia detection using support vector machine based on ECG and Health Informatics, 6(1), pp. 204-209, doi: 10.1166/jmhi.2016.1611, ISSN 2156-7018; N14., [@2016](#)

- 1943.** Geetha A, T.R Gopalakrishnan Nair, Asharani M, (2016), Detection and identification of LBBB and RBBB using ECG analysis. Internat. Journal of Advanced Networking Applications (IJANA), Special Issue - 1st Internat. Conference on Information Communication and Network (ICICN16), pp.224-227, ISSN: 0975-0282, <http://www.ijana.in/Special%20Issue/S48.pdf> ; N2., **@2016**
- 1944.** Kim HJ, Kim BN, Jang WS, Yoo SK (2016) Random forest based abnormal ECG dichotomization using ECG features. Biomedical Engineering Research, 37, (2), pp. 61-67, <http://www.koreascience.or.kr/article/ArticleView.php?code=BMER2016001>, N5., **@2016**
- 1945.** Rezgui D, Lachiri Z (2016) ECG biometric recognition using SVM-based approach. Transactions on Emerging Telecommunications Technologies, 27, (S100), <http://onlinelibrary.wiley.com/doi/10.1002/tee.22241/full>, **@2016**
- 1946.** Mert A (2016) ECG feature extraction based on the bandwidth properties of variational mode decomposition. *Electrocardiology*, 47, (5), pp. 526-530., **@2016**
- 1947.** Kumar SS, Inbarani HH, (2016), Cardiac arrhythmia classification using multi-granulation rough set. *Journal of Cybernetics*, pp. 1-16, DOI: 10.1007/s13042-016-0594-z, ISSN: 1868-8071, <http://link.springer.com/article/10.1007/s13042-016-0594-z>
- 1948.** Gaouar I, (2015), Apprentissage en ligne pour le développement d'un classifieur de données médicales. Thèse d'informatique, University of Abou Bekr Belkaid, Tlemcen, Algeria, 120 pages, http://dspace.univ-tl.ac.dz/bitstream/123456789/1000/1/Gaouar_I.pdf; [Page 111], **@2016**
- 230.** Tsakovska, I., Pajeva, I.. Phenothiazines and structurally related compounds as modulators of cancer multidrug resistance. *Journal of Pharmacy and Pharmacology*, 2006, ISSN:ISSN: 1389-4501, 1123-1134. ISI IF:4.274
- Цитата из:*
- 1949.** de Mello, JC; Moraes, VWR; Watashi, CM; da Silva, DC; Cavalcanti, LP; Franco, MKKD; Yokaichiya, K. Chlorpromazine antitumor activity by Pluronics F127/L81 nanostructured system against human multidrug resistant RESEARCH, 111 102-112; 10.1016/j.phrs.2016.05.032 SEP 2016, **@2016**
- 1950.** Martinez, A., Gil, C. Chapter 9: Heterocycles containing nitrogen and sulfur as potent biologically active molecules. *Handbook of Heterocyclic Compounds*, 2016, January (50), pp. 231-261. DOI: 10.1039/9781782622246-00231, **@2016**
- 231.** Chountas, P., Sotirova, E., Kolev, B., Atanassov, K.. On intuitionistic fuzzy expert systems with temporal parameters. *Intuitionistic Fuzzy Sets and their Applications*, Springer Berlin Heidelberg, 2006, 241-249
- Цитата из:*
- 1951.** Shora, A. R., Alam, A., & Biswas, R. (2016). Intuitionistic Fuzzy Multivalued Dependency and Intuitionistic Fuzzy Multivalued Function. In *Frontiers in Intelligent Computing: Theory and Applications (FICTA)* (pp. 1-10). Springer US.
- 232.** Atanassov, Krassimir. The most general form of one type of intuitionistic fuzzy modal operators. *Notes on Intuitionistic Fuzzy Sets*, 2016, 22(1), 1-10.
- Цитата из:*
- 1952.** Çuvalcioğlu, G. (2016). One, Two and Uni-type Operators on IFSs. In *Imprecision and Uncertainty in Intelligent Systems* (pp. 67-71). Springer International Publishing., **@2016**
- 233.** Stephanova DI, Daskalova M, Alexandrov AS. Differences in membrane properties in simulated cases of multiple sclerosis demyelination with conduction block. *Journal of Biological Physics*, 32, Springer Link, 2006, ISSN:0092-0606, 103-114
- Цитата из:*
- 1953.** Das HK, Das D, Doley R, Sahy PP: Quantifying demyelination in NK venom treated nerve using electron microscopy. [10.1038/srep22385](https://doi.org/10.1038/srep22385), **@2016**
- 234.** Atanassov, K., Riecan, B.. On two operations over intuitionistic fuzzy sets. *Journal of Applied Mathematics*, Springer US, 2016, 148

Цитата:

1954. Gou, Xunjie, Zeshui Xu, and Huchang Liao. "Exponential operations of interval-valued intuitionistic Learning and Cybernetics 7.3 (2016): 501-518., **@2016**
1955. Gou, Xunjie, Zeshui Xu, and Qian Lei. "New operational laws and aggregation method of intuitionistic Systems 30.1 (2016): 129-141., **@2016**
235. Stoitchkova, K., **Busheva, M.**, **Apostolova, E.**, Andreeva, A.. Changes in the energy distribution in mutant th content. II. Changes due to magnesium ions concentration. Journal of Photochemistry and Photobiology B: Biology Elsevier, 2006, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2005.11.011, 11-20. ISI IF:1.909
- Цитата:
1956. Farooq, S., Chmeliov, J., Trinkunas, G., Valkunas, L., Van Amerongen, H. Is there excitation energy transfer between photosystem-II-containing thylakoid membranes?, J. Phys. Chem. Lett., 7 (7), 1406-1410., **@2016**
1957. Kaňa, R. and Govindjee , Role of ions in the regulation of light-harvesting., Frontiers in Plant Science, 7(1), 10.3389/fpls.2016.01849, **@2016**
1958. Kana R., Govindjee, Role of ions in the regulation of light-harvesting, Frontiers in Plant Science, volume 7(1), 10.3389/fpls.2016.01849, **@2016**
236. **Roeva, O.**. A Modified Genetic Algorithm for a Parameter Identification of Fermentation Processes. Biotechnol & Francis, 2006, ISSN:1310-2818, 202-209. ISI IF:0.3
- Цитата:
1959. Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitionistic Methodologies, Tools, and Applications, pp. 1125 – 1152, 2016., **@2016**
1960. Shobhana B., R. Radhakrishnan, Estimation of Semantic Similarity between Concepts And Fuzzy Rules Using MGA, IJOABJ, Vol. 7(7), 2016, 52-60, ISSN: 0976-3104, **@2016**
237. Nikolova M., Pondev N., **Christova L.**, Wolf W., **Kossev A.**. Motor cortex excitability changes preceding voluntary movement. Eur. J. Appl. Physiol., 98, 2006, ISSN:14396319, 212-219. ISI IF:1.601
- Цитата:
1961. Forman, DA, Philpott DTG, Button DC, Power KE (2016) Exp. Brain Res., 234(8): 2339–2349., **@2016**
1962. Balanche C (2016) La modification de la perception de la hauteur et l'influence de la difficulté de la tâche d'inhibition intra-corticaux., Université de Fribourg, Suisse (Thesis), **@2016**
238. Christova M.I., Pondev N.G., **Christova L.G.**, Wolf W., Dengler R., Kossev A.R.. Motor cortex excitability changes preceding voluntary movement. Kinesiol., 16, 2006, ISSN:16:477-484. (ISSN: 10506411), 477-484. ISI IF:1.725
- Цитата:
1963. Cremoux S, Amarantini D, Tallet J, Dal Maso F, Berton E (2016) Increased antagonist muscle activity during elbow inhibition during elbow contractions., Clin. Neurophysiol., 127(1): 629-634., **@2016**
239. Kuncheva, L. I., **S. T. Hadjitodorov, L. P. Todorova**. Experimental comparison of cluster ensemble methods. 2016

Цитата:

1964. Abdul Wahid. Improving Clustering Methods By Exploiting Richness Of Text Data, A thesis submitted in fulfillment of the requirements for the degree of Doctor of Philosophy in Computer Science, Victoria University, 2016
1965. Erind Bedalli, Enea Mançellari, Ozcan Asilkan. A Heterogeneous Cluster Ensemble Model for Improving Clustering in Computer Science , Volume 102, 2016, Pages 129–136, 12th International Conference on Application of Mathematics in Medicine and Economics, 2016

1966. Sidorova M. G., Gorlova O. V. The information technology of cluster analysis of statistical data in economic and social research. In: Proceedings of the International Conference of the World Association of Economic and Social Society: Modern foundation for human development, Part 2, October 31, 2016, Leipzig, Germany, pp.25-28.
1967. Aparajita Nanda, Arun K Pujari. Consensus Clustering Using Weighted Association, Proc. X Congresso Brasileiro de Inteligencia Computacional (CBIC'2011), 8 a 11 de Novembro de 2011, Fortaleza, Ceara, Sociedade Brasileira de Inteligencia Computacional, pp.1-6.
1968. Germain Forestier, Cédric Wemmert. Semi-supervised learning using multiple clusterings with limited labels, 6 May 2016, doi:10.1016/j.ins.2016.04.040, , **@2016**
1969. NFF Silva, Análise de sentimentos em textos curtos provenientes de redes sociais, (Sentiment analysis of short texts from social networks), Computer science and computational mathematics, USP, Sao Carlos, March 2016, p.138, **@2016**

2007

240. Dobrikova, A., Dimitrov, M., Taneva, S.G., Petkanchin, I.. Protein-coated beta-Ferric Hydrous Oxide Particles. Colloids and Surfaces B: Biointerfaces, 56, 1-2, Elsevier, 2007, ISSN:0927-7765, DOI:10.1016/j.colsurfb.2006.11.010.

Llumupa ce e:

1970. Wang W., Pan H., Shi Y., Pan Y., Yang W., Liew K.M., Song L., Hu Y., Fabrication of LDH nanosheets for improving the fire safety of epoxy resin, Composites Part A: Appl. Sci. Manufact., 80, 2016, 259-269., **@2016**

241. Iliev I, Krasteva V, Tabakov S. Real-time detection of pathological cardiac events in the electrocardiogram. Proceedings of the 2007 International Conference on BioMedical Engineering and Informatics (BMEI). IOP Publishing, 2007, ISSN:0967-3334, 259-276. SJR:0.538, ISI IF:1.808

Llumupa ce e:

1971. Chien-Hung Lin, Jen-Chien Chien, Koichi Haraikawa, Yu-Shun Huang, Han-Wen Guo, Jiann-Shing Shieh. Multiple arrhythmia detection, Internat. Conf. on Communication Problem-Solving (ICCP), 2016, DOI:10.1109/ICCP.2016.7751112, Electronic ISBN: 978-1-5090-1383-8, <http://ieeexplore.ieee.org/abstract/document/7751112>

1972. López RB, (2016), Hardware/Software Co-Design of Ultra-Low Power Biomedical Monitors, PhD Thesis, L'ingénieur, Institut de Génie électrique et électronique, Laboratoire des Systèmes Embarqués, École Polytechnique, Paris, France, doi:10.5075/epfl-thesis-7314, https://infoscience.epfl.ch/record/223454/files/EPFL_TH7314.pdf; N53., 1-180.

1973. Mateo J, Torres AM, Aparicio A, Santos JL, (2016), An efficient method for ECG beat classification based on wavelet transform and support vector machine, Journal of Electrical Engineering, Vol. 53, pp. 219–229, doi:10.1016/j.compeleceng.2015.12.015, ISSN: 0045-7906

1974. Bera P, Gupta R, (2016), Hybrid Encoding Algorithm for Real Time Compressed Electrocardiogram Acquisition and Transmission, Measurement, Vol. 91, pp. 651-660, doi:10.1016/j.measurement.2016.05.085, ISSN: 0263-224X

242. Minkova, K., Tchorbadjieva, M., Tchernov, A., Stojanova, M., Gigova, L., Busheva M.. Improved procedure for extraction of C-phycocyanin from *Spirulina maxima* and its application for the determination of africanum phycobiliproteins. Biotechnology Letters, 29, 4, 2007, ISSN:1573-6776, DOI:10.1007/s10529-006-9200-2.

Llumupa ce e:

1975. V. Cruz de Jesús, G. A. Gutiérrez-Rebolledo, M. Hernández-Ortega, L. Valadez-Carmona, A. Mojica, J. Cevallos , Methods for Extraction, Isolation and Purification of C-phycocyanin: 50 years of Research in Mexico, DOI : 10.15436/2377-0619.16.946, **@2016**

1976. Hou Y., Yan M., Wang Q., Wang H., C-phycocyanin from *Spirulina maxima* as a Green Fluorescent Protein for Mercury(II) in Seafood, Food Analytical Methods, • December 2016 DOI: 10.1007/s12161-016-0759-0, ISSN: 1937-5121

243. Komayama, K, Khatoon, M, Takenaka, D, Horie, J, Yamashita A, Yoshioka, M, Nakayama, Y, Yoshida M, Yamamoto, Y. Quality control of photosystem II: cleavage and aggregation of heat-damaged D1 protein in spinach leaves, Plant Cell Physiol, 48, 838-846. ISI IF:5.353

Цитира се:

1977. Otilia Cheregi, Raik Wagner and Christiane Funk (2016) Insights into the Cyanobacterial Deg 10.3389/fpls.2016.00694., **@2016**
1978. Abdallah Oukarroum, Mohamed El Gharous, Vasilij Goltsev, Reto J. Strasser (2016) Delayed fluorescence in photosynthetic organisms to high temperature exposure: a comparative study. <http://dx.doi.org/10.1016/j.jlumin.2016.08.061>, **@2016**
1979. Navita Ghai, Jaspreet Kaur, S K Jindal, M.S. Dhaliwal and Kanchan Pahwa (2016) Physiological and biochemical changes in hot pepper (*Capsicum annuum* L.). Journal of Applied and Natural Science 8 (3): 1133 – 1137, **@2016**
1980. H. M. Kalaji, • G. Schansker, • M. Brešić, F. Bussotti, Ang. Calatayud, L. Ferroni, • V. Goltsev, L. G., Misra, S. G. Nebauer, S. Pancaldi, C. Penella, M. Pollastrini, K. Suresh, • E. Tambussi, • M. Yanniccaro, Stirbet, K. Olsovská, Kr. Kunderliková, et al. (2016) Frequently asked questions about chlorophyll. [10.1007/s11120-016-0318-y](https://doi.org/10.1007/s11120-016-0318-y), **@2016**
244. **Todorova, L.** On an Intuitionistic Fuzzy Approach for Decision Making in Medicine: Part 2. Bioautomation International 2016, 2(2), 11-18.
- Цитира се:
1981. Zhao, J., Lin, L.-Y., Lin, C.-M. (2016) A General Fuzzy Cerebellar Model Neural Network Multidimensional Medical Identification , Computational Intelligence and Neuroscience , 2016, 8073279, **@2016**
245. Worth, A, Bassan, A, Fabjan, E, Saliner, A, Netzeva, T, Patlewicz, G, Pavan, M, **Tsakovska, I.** The Use of Fuzzy Logic for the Assessment of Chemicals - Preliminary Investigations.. JRC Scientific and Technical reports, Luxembourg: European Communities, 2007, ISSN:1018-5593
- Цитира се:
1982. John W. Wills, Alexandra S Long, George E Johnson, Jeffrey C. Bemis, Stephen D. Dertinger, Wouter J. de Bruin, Michael J. Klaunig, James D. Tice, David R. Setzer, and Michael J. Stohr (2016) Use of fuzzy logic metrics in genetic toxicology part II: in vivo potency comparisons to promote reductions in the use of excess mutagenicity testing. Mutagenesis · March 2016, DOI: 10.1093/mutage/gew009, **@2016**
246. **Todorova, L., K. Atanassov, S. Hadjitolorov, P. Vassilev.** On an Intuitionistic Fuzzy Approach for Decision Making in Medicine: Part 1. Bioautomation International 2016, 2(1), 1-10.
- Цитира се:
1983. Zhao, J., Lin, L. Y., & Lin, C. M. (2016). A General Fuzzy Cerebellar Model Neural Network Multidimensional Medical Identification. Computational intelligence and neuroscience, Vol. 2016, Article ID 8073279. <http://dx.doi.org/10.1155/2016/8073279>, **@2016**
247. Denchev S., Simova I., **Matveev M.**. Evaluation of the SCHILLER BR-102 plus noninvasive ambulatory blood pressure monitoring protocol. Protocol introduced by the Working Group on Blood Pressure Monitoring of the European Society of Hypertension. Hypertension 2007, 49, 333., 12, 5, Lippincott Williams & Wilkins, 2007, ISSN:1359-5237, 329-333. ISI IF:1.605
- Цитира се:
1984. Kirthana Ubrangala Kunikullaya, , , Jaisri Goturua, Vijayadas Muradua, Preethi Avinash Hukkera, Vadagenahalli S. Prakashb, Nandagudi Srinivasa Murthyd. Combination of music with lifestyle modifications for blood pressure reduction – A randomized controlled trial. Complementary Therapies in Clinical Practice 2016., 23, 1, 1-6.
248. **Dimitrova, D.Z.,** Mihov, D.N., Wang, R., Bolton, T.B., Duridanova, D.B.. Contractile effect of ghrelin on the heart. Pharmacology, 47 (1), 47(1), 2007, 31-40. ISI IF:2.97
- Цитира се:
1985. Lillness, B.M., Frishman, W.H. Ghrelin and the cardiovascular system (2016) Cardiology in Review 24 (1), 1-10.

- 1986.** David Mazensky, Slavka Flesarova. Arrangement of renal arteries in guinea pig. Anatomical Record • Oct 2007, 28, 2, 213-221. SJR:2.11, ISI IF:1.8
- Цитира се:
- 1987.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
- 1988.** Akhbari M, Shamsollahi MB, Jutten C, Armoundas AA, Sayadi O (2016) ECG denoising and fiducial point extraction framework with linear and nonlinear phase observations. Physiological Measurement, 37, (2), 203., **@2016**
- 250.** Saliner, AG., **Tsakovska, I.**, Pavan, M., Patlewicz, G., Worth, AP.. Evaluation of SARs for the prediction of skin sensitization potential based on QSAR rules in the BfR decision support system. SAR and QSAR in Environmental Research, 2007, ISI IF:1.795
- Цитира се:
- 1989.** Kevin A. Ford. Refinement, Reduction, and Replacement of Animal Toxicity Tests by Computational Methods. Environ Health Perspect, 2016, 124, 233, **@2016**
- 1990.** Arwa B. Raies and Vladimir B. Bajic. In silico toxicology: computational methods for the prediction of toxicity. doi: 10.1002/wcms.1240, **@2016**
- 251.** Christov I. Assessment of the performance of the adaptive thresholding algorithm for QRS detection with the proposed feature set. Biomed Eng Appl Basis Clin, 2016, 37. SJR:0.132
- Цитира се:
- 1991.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
- 252.** Mueller, H., Klinkhammer, W., Globisch, C., Kassack, M., **Pajeva, I.**, Wiese, M.. New functional assay of P-glycoprotein expression in human tumor cells. J. Med. Chem, 15, 2007, 7470-7479. ISI IF:2.662
- Цитира се:
- 1992.** Cory, T.J., He, H., Winchester, L.C., Kumar S., Fletcher C.V. Alterations in P-Glycoprotein Expression in Human Renal Cell Carcinoma. J. Pharm Res 33, 2016, 2713-2721. doi:10.1007/s11095-016-1998-x, **@2016**
- 1993.** Zhai, W; Sun, Y; Jiang, M; Wang, M; Gasiewicz, TA; Zheng, J; Chang, C. Differential regulation of LKB1 by AR yet promotes VHL-normal RCC cell proliferation via modulating androgen receptor/HIF-2α signaling. Mol Cancer, 2016, 15 (37):4866-4880; 10.1101/10.1038/onc.2016.19 SEP 15 2016, **@2016**
- 253.** Tzoneva R, Faucheu N, Groth T. Wettability of substrata controls cell–substrate and cell–cell adhesions. Biomaterials, 2007, 28, 1770-1776. Elsevier, 2007, ISSN:0304-4165, 1538-1547. ISI IF:4.381
- Цитира се:
- 1994.** Amorphous apatite thin film formation on a biodegradable Mg alloy for bone regeneration: strategy, synthesis, Hamouda M. Mousa, Kamal H. Hussein, Ahmed A. Raslan, Joshua Lee, Heung M. Woo, Chan H. Kim, 22563-22574, **@2016**
- 1995.** Functionalized mesoporous bioactive glass scaffolds for enhanced bone tissue regeneration, XingdiZhang, Changsheng Liu, Yongsheng Li, Scientific Reports | 6:19361 | DOI: 10.1038/srep19361, 2016, **@2016**
- 1996.** Endothelialization of TiO₂ Nanorods Coated with Ultrathin Amorphous Carbon Films, H Chen, N Tang, 2016, **@2016**
- 1997.** A proteomic analysis of the interactions between poly(L-lactic acid) nanofibers and SH-SY5Y neuronal cells, 2016, **@2016**

254. Simova I, Denchev S, **Christov I**, Matveev M. . Comparison of flow mediated dilatation and QT interval dilation in coronary artery disease. The Online Journal of Cardiology, Medical Teaching, McGill CME Cardiology., 2007

Цитата:

1998. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

255. **Jekova I.** Shock advisory tool: Detection of life-threatening cardiac arrhythmias and shock success prediction. Signal Processing & Control, 2, ELSEVIER, 2007, ISSN:1746-8094, 25-33. ISI IF:1.419

Цитата:

1999. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, et al., 2016, "Machine Learning Techniques for Automated External Defibrillators", PLoS ONE 11(7): e0159654, **@2016**

2000. Juneja A, Marefat M, 2016, "Patient-specific detection of ventricular tachycardia in remote continuous monitoring of patients using machine learning", Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), pp. 529-532., **@2016**

2001. Nguyen MT, Mehrabi A, Ahn K, Kim Y, 2016, "Shockable Cardiac Rhythms Classification using Machine Learning", **동계종합학술발표회**, **@2016**

2002. Tripathy RK, Sharma LN, Dandapat S, 2016, "Detection of shockable ventricular arrhythmia using Various Machine Learning Techniques", **IEEE Transactions on Biomedical Engineering**, 63(1), pp. 1-13, doi: 10.1109/TBME.2015.2478030, **@2016**

2003. Verma A, Dong X, 2016, "Detection of Ventricular Fibrillation Using Random Forest Classifier", **J. Biomath.**, 259-268, , **@2016**

256. **Popova, A.V.**, Hincha, D.K.. Effects of cholesterol on dry bilayers: Interactions between phosphatidylcholine and phosphatidylethanolamine. **Biophysical Journal**, 93, 4, 2007, 1204-1214. ISI IF:4.627

Цитата:

2004. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2016, Phase behaviour of dehydrated phosphatidylcholine and phosphatidylethanolamine mixtures: A DSC, FTIR, and Calorimetry Analysis and Calorimetry, DOI: 10.1007/s10973-016-5957-x, **@2016**

257. Worth, AP., Bassan, A., de Bruijn, J., Saliner, A., Netzeva, T., Patlewicz,G., Pavan, M., **Tsakovska, I.**, Eisenreich, S., 2016, "QSAR modeling for predicting the regulatory use of (Q)SAR methods. SAR AND QSAR IN ENVIRONMENTAL RESEARCH, 27, 1-12.

Цитата:

2005. Ruiz, P., Ingale, K., Wheeler, J.S., Mumtaz, M. 3D QSAR studies of hydroxylated polychlorinated biphenyls. **Chemosphere**, 144, pp. 2238-2246., **@2016**

2006. Nikita Basant, Shikha Gupta and Kunwar P. Singh. Modeling the toxicity of chemical pesticides in non-target organisms using QSAR approaches. **Toxicol. Res.**, 2016, 5, 340–353, **@2016**

2007. Nikita Basant, Shikha Gupta and Kunwar P. Singh. In silico prediction of the developmental toxicity of organic compounds for risk assessment purposes. **Toxicol. Res.**, 2016, 5, 773-787, **@2016**

2008. Nikita Basant, Shikha Gupta and Kunwar P. Singh. QSAR modeling for predicting reproductive toxicity of organic compounds. **Toxicol. Res.**, 2016, 5, 1029-1038, **@2016**

2009. Ruifeng Liu, Xueping Yu, and Anders Wallqvist. Using Chemical-Induced Gene Expression in Cultured Human Cells for Predicting the Toxicity of Organic Compounds. **Environ. Health Perspect.** 2016, 124, 1883–1893, **@2016**

2010. Y. Cañizares-Carmenate, K. Mena-Ulecia, Y. Perera-Sardiña, F. Torrens, J.A. Castillo-Garit, An approach to predict the cytotoxicity of Thermolysin against *Escherichia coli* using QSARINS and Docking, **Ara**

- 2011.** Soumendra Nath Talapatra and Sarnali Konar. Predictive acute toxicity comparison in *Daphnia magna* f. by using two QSAR modeling softwares. *World Scientific News* 42 (2016) 101-118, **@2016**
- 2012.** Fabiola Pizzo , Anna Lombardo, Alberto Manganaro, Claudia I. Cappelli, Maria I. Petoumenou, Federico Emilio Benfenati. Integrated in silico strategy for PBT assessment and prioritization under REACH. *Environmental Monitoring and Assessment* 220 (2015) 100, **@2015**
- 2013.** Kunal Roy and Supratik Kar. The r2m Metrics for Validation of QSAR/QSPR Models. In „*Chemometric Methods in Chemistry*“ Andrew G. Mercader, Pablo R. Duchowicz, P. M. Sivakumar (Eds.), Apple ACADEMIC PRESS, 2016, pp. 1-10, **@2016**
- 2014.** Nadia Ziani , Khadidja Amirat , Djelloul Messadi , (2016) "Chemometric modeling to predict aquaculture products quality", *Promelas*, Management of Environmental Quality: An International Journal, Vol. 27 Iss: 3, pp.299 - 312, **@2016**
- 258.** Pouchkina-Stantcheva, N.N., McGee, B.M., Boschetti, C., Tolleter, D., Chakrabortee, S., **Popova, A.V.**, Meersman, A.. Functional Divergence of Former Alleles in an Ancient Asexual Invertebrate. *Science*, 318, 5848, 2007, IF:31

Цитата за:

- 2015.** Bai, Y., Hu, W., Wang, M., He, J., Tao, Y., Huang, W., Feng, Z., 2016, Transcriptomic analysis of developmental regulation in *Artemia franciscana* during cryopreservation. *Horticulture Environment and Biotechnology*, 57 (2) 197-206, **@2016**
- 2016.** Takao Furuki M., Minoru Sakurai M., 2016, Group 3 LEA protein model peptides protect enzymes against freezing damage. *Acta (BBA) - Proteins and Proteomics*, DOI:10.1016/j.bbapap.2016.04.012, **@2016**
- 2017.** Moore D.S., Hand S.C., 2016, Cryopreservation of lipid bilayers by LEA proteins from Artemia franciscana. *CryoLetters*, 37 (2) 103-110, DOI:10.1016/j.cryobiol.2016.07.003, **@2016**
- 2018.** Ricci C., 2016, Bdelloid rotifers: ‘sleeping beauties’ and ‘evolutionary scandals’, but not only, *Hydrobiologia*, 770 (1) 1-10, **@2016**
- 2019.** Moore, D.S., Hansen, R., Hand, S.C., 2016, Liposomes with diverse compositions are protected during freezing by LEA proteins from *Artemia franciscana* and trehalose. *Biochim. Biophys. Acta - Biomembranes*, 1858 (1) 104-115, **@2016**
- 259.** Fedina, I., **Velitchkova, M**, Georgieva, K, Demirevska,K, Simova, L. UV-B response of green and etiolated barley seedlings. *Plant Physiology and Biochemistry*, 100 (2016) 10-16, **@2016**

Цитата за:

- 2020.** Vasilissa Manova, Ralitsa Georgieva, Borislav Borisov and Lubomir Stoilov (2016) Efficient removal of DNA lesions by light-dependent and dark repair pathways. *Physiol. Plant.* 158, 236–253, **@2016**
- 260.** Simova I, **Christov I**. Sources of variation in the QT readings: what should you be aware of?. *Bioautomation*, 20 (2016) 1-10, **@2016**

Цитата за:

- 2021.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. *Int. J. of Bioautomation*, 20, (1), pp., **@2016**
- 261.** **Raikova , R.**, Krutki, P., Aladjov, H., Celichowski, J.. Variability of the twitch parameters of the rat medulla oblongata. A modeling study. *Computers in Biology and Medicine*, 37, 11, 2007, 1572-1581. ISI IF:1.272
- Цитата за:*
- 2022.** Benítez-Temiño, B.; Davis-López De Carrizosa, M.; Morcuende, S.; Matarredona, E.; de la Cruz, I. Parcellation of Neurotrophin Actions on the Oculomotor System. *Preprints* 2016, 2016100014 (doi: 10.20944/preprints2016100014)
- 2023.** Beatriz Benítez-Temiño, María A. Davis-López de Carrizosa , Sara Morcuende, Esperanza R. Matarredona, Parcellation of Neurotrophin Actions on the Oculomotor System *Int. J. Mol. Sci.* 2016, 17(12), 2016100014
- 262.** Der, A., Kelemen, L., Fabian, L., **Taneva, S.G.**, Fodor, E., Pali, T., Cupane, A., Cacace, M.G., Ramsden, J., 2016, The role of the *Artemia franciscana* LEA protein in the protection of the lipid bilayer against freezing damage. *Journal of Molecular Structure*, 112 (2016) 10-15, **@2016**

conformation. *Journal of Physical Chemistry B*, 111, 19, American Chemical Society, 2007, ISSN:1932-7455, IF:4.086

Цитира се:

2024. Cross, Michael C.; Toomey, Ryan G.; Gallant, Nathan D., Protein-surface interactions on stimuli-responsive surfaces. *MATERIALS* Volume: 11 Issue: 2 Article Number: 022002 Published: APR 2016, [@2016](#)
2025. Humphreys BA, Willott JD, Murdoch TJ, Webber GB, Wanless EJ, Specific ion modulated thermodynamics of protein unfolding. *PHYSICAL CHEMISTRY CHEMICAL PHYSICS* Volume: 18 Issue: 8 Pages: 6037-6046 Published: FEB 2016
2026. Light, Taylor P.; Corbett, Karen M.; Metrick, Michael A. Metrick and Gina MacDonald, Hofmeister Effects on the Aggregation of Proteins with Changes in Solvation of an Aggregated Protein Complex, *LANGMUIR* Volume: 32 Issue: 5 Pages: 10.1021/acs.langmuir.5b04489, [@2016](#)
2027. Zhao, Hua, Protein stabilization and enzyme activation in ionic liquids: specific ion effects, *JOURNAL OF BIOTECHNOLOGY* Volume: 91 Issue: 1 Pages: 25-50 Published: JAN 2016 DOI:10.1002/jctb.4837, [@2016](#)
263. Georgieva K., Szigeti Z., Sarvari E., Gaspar L., **Maslenkova L.**, Peeva V., Peli E., Tuba Z.. Photosynthetic activity of the resurrection plant Haberlea rhodopensis during dehydration and rehydration. *Planta*, 225, 4, Springer, 2007, DOI:DOI 10.1007/s00425-006-0283-2

Цитира се:

2028. Flores-Bavestrello, A., Król, M., Ivanov, A. G., Hüner, N. P., García-Plazaola, J. I., Corcuera, L. J., & Brøndum, A. B. (2016). Photosynthetic strategies of desert plants from contrasting natural environments exhibit a homoiochlorophyllous strategy in response to desiccation. *Plant Physiology*, 171, 94., [@2016](#)
2029. Fernández-Marín, B., Holzinger, A., & Garcia-Plazaola, J. I. (2016). Photosynthetic strategies of desert plants. *Photosynthesis*, , 719-737., [@2016](#)
2030. Fesenko, I., Seredina, A., Arapidi, G., Ptushenko, V., Urban, A., Butenko, I., ... & Pushkova, E. (2016). Photosynthetic activity and changes in Response to Protoplastation. *Frontiers in Plant Science*, 7., [@2016](#)
2031. Paul, K. Screening and characterization of plant physiological traits using photosynthetic and phenotypic traits. *Frontiers in Plant Science*, 7, 186., [@2016](#)
2032. Zia, A., Walker, B. J., Oung, H. M. O., Charuvi, D., Jahns, P., Cousins, A. B., ... & Kirchhoff, H. (2016). Photosynthetic activity and dehydration stress in the resurrection plant Craterostigma pumilum. *The Plant Journal*, 87(6), 664-680., [@2016](#)
264. Benigni, R., Bossa, C., Netzeva, T., Rodomonte, A., **Tsakovska, I.**. Mechanistic QSAR of aromatic amines: Nonmutagens and nonmutagens, and validation of models for carcinogens. *ENVIRONMENTAL AND MOLECULAR MUTAGENESIS*, 57, 1000-1010., [@2016](#)

Цитира се:

2033. Gadaleta D, Manganelli S, Manganaro A, Porta N, Benfenati E. A knowledge-based expert rule system for the prediction of mutagenicity of aromatic amines and azo compounds. *Toxicology*. 2016 Sep 16. pii: S0300-483X(16)30214-1. doi: 10.1016/j.tox.2016.08.003

265. Karunambigai, M. G., Rangasamy, P., **Atanassov, K.**, Palaniappan, N.. An intuitionistic fuzzy graph method for decision making. In: *Advances and Applications of Fuzzy Logic and Soft Computing*, Springer Berlin Heidelberg, 2007, 3-10

Цитира се:

2034. Sarwar, M., & Akram, M. (2016). An algorithm for computing certain metrics in intuitionistic fuzzy graphs. *Journal of Intelligent & Fuzzy Systems*, 31(3), 2405-2416., [@2016](#)
2035. AKRAM, M., & AKMAL, R. (2017). INTUITIONISTIC FUZZY GRAPH STRUCTURES. *Kragujevac Journal of Mathematics*, 41(1), 1-12., [@2017](#)

266. **Christova L, Stephanova D, Kossev A.** Branched EMG electrodes for stable and selective recordings of single motor units. *Journal of Electromyography and Kinesiology*, 17, 117-121. ISI IF:1.46

Цитира се в:

2036. Guerrero FN, Spinelli EM, Haberman MA (2016) IEEE Transactions on Biomedical Circuits and Biomedical Circuits and Systems, 10(3): 787-795., **@2016**
267. Tsakovska, I., Gallegos Saliner, A., Netzeva, T., Pavan, M., Worth, A. P.. Evaluation of SARs for the prediction of inclusion rules in the BfR decision support system. SAR and QSAR in Environmental Research, 2007, ISI IF:1.7

Цитира се в:

2037. Arwa B. Raies and Vladimir B. Bajic. In silico toxicology: computational methods for the prediction of toxicity. doi: 10.1002/wcms.1240, **@2016**
2038. Kevin A. Ford. Refinement, Reduction, and Replacement of Animal Toxicity Tests by Computational Methods. 233, **@2016**
2039. Grace Patlewicz and Jeremy M. Fitzpatrick. Current and Future Perspectives on the Development, Evaluation, and Application of Quantitative Structure-Activity Relationships for Predicting Toxicity. Chem. Res. Toxicol., 2016, 29 (4), pp 438–451, **@2016**
268. Lambrev, P.H., Várkonyi, Zs., Krumova, S. B., Kovács, L., Miloslavina, C., Holzwarth, A. R., Garab, G.. Implications of the light-harvesting complex II for the photosynthetic state of the plant light-harvesting complex II. Biochimica et Biophysica Acta (BBA) - Bioenergetics, 1767, 6, 2016

Цитира се в:

2040. Yang, YQ; Gobeze, HB; D'Souza, F; Jankowiak, R; Li, J, Plasmonic Enhancement of Biosolar Cells Enabled by the Integration of a Gold Nanoparticle with Core-Shell Metal@TiO₂ Nanoparticles, ADVANCED MATERIALS INTERFACES, Volume: 3, Article number: 1600371, DOI: 10.1002/admi.201600371, Published: AUG 5 2016, **@2016**
2041. Karlicky, V; Kurasova, I; Ptackova, B; Vecerova, K; Urban, O; Spunda, V, Enhanced thermal stability of the photosynthetic apparatus of the green alga Chlamydomonas reinhardtii compared with selected angiosperms, PHOTOSYNTHESIS RESEARCH, Volume: 130 Issue: 1, DOI: 10.1007/s11120-016-0269-3, Published: DEC 2016, **@2016**

269. Matveev M., Christov I. Comparision of flo mediated dilatation and QT interval dispersion as noninvasive markers of myocardial ischemia. The Online J of Cardiol, Medical Teaching, McGill CME Cardiology, McGill CME Cardiology, 2007, DOI:<http://dx.doi.org/10.1186/1475-2843-2007-1>

Цитира се в:

2042. Simov D. Electrocardiographic Changes in Certain Cardiovascular Physiological and Pathological Settings. J. Bioautomation, 2016, 20(1): 43-68, **@2016**
270. Hadzhilazova M., Mladenov I., Oprea J.. Unduloids and Their Geometry. Archivum Mathematicum, 43, 2007, DOI: 10.5817/AM2007-001

Цитира се в:

2043. S. Lishchuk, R. Ettelaie, DOI: 10.1021/acs.langmuir.6b03546, **@2016**
2044. F. Spineanu and M. Vlad, arxiv: 1611.08526v1, 2016., **@2016**
2045. L. Perotti, S. Dharmavaram, W. Klug, J. Marian, J. Rudnick and R. Bruinsma, Phys. Rev. E 94, 012404, 2016
271. Matveev M., Prokopova R.. Normal and abnormal circadian profiles of heart autonomic balance, evaluated by heart rate variability. The Anatolian Journal of Cardiology, 7, 2007, ISSN:1302-8723, 125-129. ISI IF:0.44
- Цитира се в:
2046. Коваленко С. О., Кудій Л. І. Варіабельність серцевого ритму. Методичні аспекти. / С. О. Коваленко, Л. І. Кудій. – К.: Національний університет ім. Б. Хмельницького, 2016. – 298 с. ISBN 978-966-353-407-7., **@2016**
272. Andreeva, A, Abarova, S, Stoichkova, K, Picorel, R, Velitchkova, M. Selective Photobleaching of Chlorophyll

High-Light Treatment. Photochem. Photobiol., 83, 2007, 1301-1307. ISI IF:2.266

Iumupa ce e:

2047. Peijun Gao, Zhaojiang Zuo, Xingbo Wu, Yan Gao, Rongfu Gao, Rumin Zhang (2016) Effects of cyclic spectra and fluorescence emission spectra in Phyllostachys edulis. Trees, 30(3), 719-732. DOI 10.1007/s00118-015-1322-2
2048. Parveen Akhtar, Mónika Lingvay, Teréz Kiss, Róbert Deák, Attila Bóta, Bettina Ughy, Győző Garab, Pál Székely (2016) Interaction between Light-harvesting complex II and Photosystem I in reconstituted membranes. BBA, 1857, 462-472.
2049. Stefano Cazzaniga, Mauro Bressan, Donatella Carbonera, Alessandro Agostini, and Luca Dall'Osto (2016) The role of photosystem I in Photosystem I photoprotection. Biochemistry, 2016, 55 (26), pp 3636–3649 DOI:10.1021/acs.biochem.6b00520

273. Batchvarov V, Christov I, Bortolan G, Simova I, Camm A. Post-extrasystolic changes of the vectorcardiogram. Cardiology, 34, 2007, 451-454. SJR:0.396

Iumupa ce e:

2050. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

274. Krasteva V, Jekova I. QRS template matching for recognition of ventricular ectopic beats. Annals on Biomed Eng, ISSN:0090-6964, 2065-2076. ISI IF:3.195

Iumupa ce e:

2051. Zhipeng C, Kan L, Jianqing L, (2016), Low-power wireless micro ambulatory electrocardiogram node, pp. 8-13, ISSN: 1001-5515, N17, http://open.oriprobe.com/articles/47655808/Low_power_Wireless_Micro_Ambulatory_Electrocardiogram_Node

2052. Napoli N, Barnes L, (2016), A Dempster-Shafer Approach for Corrupted Electrocardiograms Signals, International Conference on Fuzzy Logic and Applications (FLAIRS) Conference, pp. 355-360, ISBN 978-1-57735-756-8, 16-18 May 2016, Keynote Lecture

2053. Mateo J, Torres AM, Aparicio A, Santos JL, (2016), An efficient method for ECG beat classification based on wavelet transform and support vector machine. Journal of Electrical Engineering, Vol. 53, pp. 219–229, doi:10.1016/j.compeleceng.2015.12.015, ISSN: 0045-7906

2054. Chan A, (2016), Chapter 14: Physiological monitoring systems, pp.249-266, In: Biomedical Device Monitoring Systems, Charles C Thomas Publisher Ltd., USA, 746 pages , ISBN: 978-0-398-09083-8; [page 266]., **@2016**

2055. Qiong Yu, Qun Guan, Ping Li, Tie-Bing Liu, Xiao-Lin Huang, Ying Zhao, Hong-Xing Liu, Yuan-Qin Wang (2016) A novel method for estimating maternal electrocardiogram (ECG) R-wave peak locations, BioMedical Engineering OnLine, 15(1), <http://www.biomedical-engineering-online.com/content/15/1/4> ; N15., **@2016**

2056. Sadeghi Z, Jazayeriy H, Fateri S, (2016), A low complexity ANFIS approach for premature ventricular contractions elimination. Journal of Advances in Computer Research, 7(1), http://jacr.iausari.ac.ir/article_17851_41e1ff4f79a7d87a716cc885f47312be.pdf ; N3., **@2016**

2057. Abächerli R, Leber R, Schmid R, Schmid JJ, (2016), Method and device for automatically classifying heartbeats for carrying out the method, Publication number: WO 2016034203 A1, Publication date: Mar 10, 2016, N3., **@2016**

2058. Napoli N, Leach K, Barnes L, Weimer W, (2016), A MapReduce Framework to improve template matching for Big Data and Smart Computing (BigComp), Hong Kong, China, art. no. 7425804 , pp. 77 - 84, http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7425804&isnumber=7425800&arnumber=N17, **@2016**

2059. Gaouar I, (2015), Apprentissage en ligne pour le développement d'un classifieur de données médicales et d'informatique, University of Abou Bekr Belkaid, Tlemcen, Algeria, 120 pages, <http://dspace.univ-tlmcn.dz/bitstream/123456789/1000/1/ligne-pour-le-developpement-dun-classifieur-deedonnees-medicales.pdf> ; [Page 115]., **@2016**

2060. Rodrigues R, Couto P, (2016), Detection of false arrhythmia alarms with emphasis on ventricular tachycardia. Journal of Clinical Pharmacy and Therapeutics, 41(2), 1326–1339, ISSN: 0967-3334, <http://iopscience.iop.org/0967-3334/37/8/1326>; N22., **@2016**

275. **Roeva, O., Pencheva, T.**, Tzonkov, St., Arndt, M., Hitzmann, B., Kleist, S., Miksch, G., Friehs, K., Flasch Escherichia coli Fed-batch Cultivation Extracellular Production of a Bacterial Phytase. Electronic Journal SJR:0.276, ISI IF:0.86

Цитира се в:

2061. Sales K. C., F. Rosa, B. R. Cunha, P. N. Sampaio, M. B. Lopes, C. R. C. Calado, Metabolic Profiling on High-throughput FT-MIR Spectroscopic Analysis, Biotechnology Progress, DOI 10.1002/btpr.2378, A

276. Bortolan G, Christov I, Pedrycz W. Hyperbox classifiers for ECG beat analysis. Computers in Cardiology, 34, 2

Цитира се в:

2062. Joséda E, Schwartz WR, Chávez GC, Menotti D (2016) ECG-based heartbeat classification for arrhythmia Programs in Biomedicine. 127, pp. 144-164, **@2016**

2008

277. **Todorova, R.**. Expression and localization of FAD2 desaturase from spinach in Tobacco cells.. Russ Nauka/Interperiodica, 2008, ISSN:Print ISSN 1021-4437 Online ISSN 1608-3407, DOI:doi:10.1134/S10214437

Цитира се в:

2063. Досье проекта Проект 02.512.11.2109 Проект: Анализ механизмов транспорта иммуноактивных м трансгенных растений моркови с генами интерлейкинов 10 и 18 человека для пероральной Экспрессия и локализация десатуразы fad2 шпината в клетках табака Экспир. При поддержке проектов © 2016 Дирекция научно-технических программ, **@2016**

278. **Atanassov, Krassimir**. The most general form of one type of intuitionistic fuzzy modal operators, Part 2. Notes

Цитира се в:

2064. Çuvalcioğlu, G. (2016). One, Two and Uni-type Operators on IFSs. In Imprecision and Uncertainty in I 71). Springer International Publishing., **@2016**

2065. Barbhuiya, S. R. "BG-algebras." Annals of Fuzzy Mathematics and Informatics. Volume 11, No. 2, (Febr

279. **Tsakovska, I., Lessigiarska, I., Netzeva, T., Worth, A..** A mini review of mammalian toxicity (Q)SAR mod IF:2.594

Цитира се в:

2066. David Ebuka Arthur , Adamu Uzairu, Paul Mamza, Steven Eyije Abechi, Gideon Shallangwa. Insilco studies against MOLT-4 and p388 cell lines using GA-MLR technique. Beni-Suef University Journal of Basic Sciences November 2016, http://dx.doi.org/10.1016/j.bjbas.2016.11.003, **@2016**

2067. Pizzo F, Benfenati E., In Silico Models for Repeated-Dose Toxicity (RDT): Prediction of the No Observed Adverse Effect Level (LOAEL) for Drugs. Methods Mol Biol. 2016;1425:163-76. doi: 10.1007/978-1-

2068. Mihai Putz, Quantum Nanochemistry: Quantum Structure-Activity Relationships (Qu-SAR), Volume 5, A

2069. Andreas Svennebring. The impact of plasma protein binding on toxic plasma drug concentration. International Journal of Pharmaceutics, Vol. 9, No. 4, 2016, **@2016**

280. Tessier C., Nuss P., **Staneva G.**, Wolf C.. Modification of membrane heterogeneity by antipsychotic drugs: A Int.Sci, 320, 2008, 469-475. ISI IF:3.368

Цитата:

2070. Ana Rute Neves, Cláudia Nunes, Heinz Amenitsch, Salette Reis, Resveratrol Interaction with Lipid Langmuir, DOI: 10.1021/acs.langmuir.6b03591, Publication Date http://pubs.acs.org/doi/abs/10.1021/acs.langmuir.6b03591, @2016

281. Bortolan G, Christov I. Principal component analysis for the detection and assessment of T-wave alternans. SJR:0.396

Цитата:

2071. Tseng Yi-Li, Keng-Sheng Lin, Fu-Shan Jaw (2016) Comparison of support-vector machine and sparse for automated myocardial ischemia detection. Computational and Mathematical http://downloads.hindawi.com/journals/cmmm/aip/568131.pdf, @2016

282. Staneva G, Chachaty C., Wolf C., Koumanov K., Quinn P.J.. The role of sphingomyelin in regulating phase competition between ceramide and cholesterol.. BBA, 1778, 2008, 2727-2739. ISI IF:3.836

Цитата:

2072. Ana Rute Neves, Cláudia Nunes, Heinz Amenitsch, Salette Reis, Resveratrol Interaction with Lipid Langmuir, DOI: 10.1021/acs.langmuir.6b03591, Publication Date http://pubs.acs.org/doi/abs/10.1021/acs.langmuir.6b03591, @2016

283. Roeva O., A. Shannon. A Generalized Net Model of Mutation Operator of the Breeder Genetic Algorithm Generalized Nets, 2, 2008, 59-63

Цитата:

2073. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: Innovative series Studies in Computational Intelligence pp 161-215, 2016, @2016

284. Pencheva T., Roeva O., A. Shannon. Generalized Net Models of Crossover Operators in Genetic Algorithms Generalized Nets, 2008, 64-70

Цитата:

2074. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: Innovative series Studies in Computational Intelligence pp 161-215, 2016, @2016

285. Tzoneva R., Seifert B., Albrecht W., Richau K., Lendlein A., Groth T.. Poly (ether imide) membranes: studies pre-adsorption on endothelial cell adhesion, growth and function. Journal of Biomaterials Science, Polymers, ISSN:0920-5063 (Print), 1568-5624 (Online), 837-852. ISI IF:1.648

Цитата:

2075. In vivo assessment of a new multifunctional coating architecture for improved Mg alloy biocompatibility. Kwiatkowski, Rafal Lutze, Alicja Balkowiec, Bruno Colaço, Vitor Pinheiro, João C S Fernandes, M Biomedical Materials, Volume 11, Number 4, @2016

286. Globisch, C., Pajeva, I., Wiese, M.. Identification of putative binding sites of P-glycoprotein based on its homology. ISI IF:3.15

Цитата:

2076. Tip W. Loo, David M. Clarke, Attachment of a ‘molecular spring’ restores drug-stimulated ATPases glutamines, Biochemical and Biophysical Research Communications, Available online 23 December 2011

2077. Tip W. Loo, David M. Clarke, P-glycoprotein ATPase activity requires lipids to activate a switch at the page 124/193

- 287.** Tzoneva R., Seifert B., Albrecht W., Richau K., Groth T., Lendlein A.. Hemocompatibility of poly(ether groups. Journal of Materials Science: Materials in Medicine, 19, 10, Springer, 2008, ISSN:ISSN: 0957-4530 (Pr
Изменила ее:
- 2078.** Two-Interaction of Cells and Platelets with Biomaterial Surfaces Treated with Gaseous Plasma, I Junkka Assembly, **@2016**
- 2079.** Role of pH and Ionic strength on weak cation exchange macroporous Hydrogel membranes and IgG cap Science, 2016 - Elsevier, **@2016**
- 288.** Ivanova, P.I., Dobrikova, A.G., Taneva, S.G., Apostolova, E.L. Sensitivity of the photosynthetic apparatus to II-photosystem II supercomplex organization. Radiation and Environmental Biophysics, 47, 1, Springer New Y ISI IF:1.528
- Изменила ее:
- 2080.** Zheng W., Komatsu S., Zhu W., Zhang L., Li X., Cui L., Tian J. (2016) Response and Defense Mechanisms of Arabidopsis Thaliana to Gamma Radiation are Revealed Using Comparative Proteomics and Metabolomics Analyses. Plant and Cell Physiol
- 289.** Ban, Adrian, Kacprzyk, Janusz, Atanassov, Krassimir. ON DE-I-FUZZIFICATION OF INTUITIONISTIC FUZZY SETS. Revue bulgare des Sciences, 61, 12, 2008, 1535-1540. ISI IF:0.152
- Изменила ее:
- 2081.** Radhika, C., R. Parvathi (2016) Defuzzification of intuitionistic fuzzy sets, "Notes on IFS", Volume 22, 2, 1-10
- 290.** Matveev M, Prokopova. Prognostic value of the time related autonomic balance indicator for risk evaluation of heart disease. Computers in Cardiology, 35, 2008, 201-204. SJR:0.396
- Изменила ее:
- 2082.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, **@2016**
- 291.** Batchvarov V, Bortolan G, Christov I. Effect of heart rate and body position on the complexity of the QRS complex. Cardiology, 35, 2008, 225-228. SJR:0.396
- Изменила ее:
- 2083.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
- 2084.** Porée F, Kervio G, Carrault G (2016) ECG biometric analysis in different physiological recording conditions. pp. 267-276, <http://link.springer.com/article/10.1007/s11760-014-0737-1>, **@2016**
- 292.** Krutki, P., Pogrzebna, M., Drzymala H., Raikova, R., Celichowski, J.. Force generated by fast motor units during stimulation with pulses at variable intervals. Journal of Physiology and Pharmacology, 59, 2008, 85-100. ISI IF:0.396
- Изменила ее:
- 2085.** Gittings, W., Bunda, J., Stull, J.T., Vandenboom, R. (2016) Interaction of posttetanic potentiation and fatigue. Muscle and Nerve, Volume 54, Issue 2, 1 August 2016, Pages 308-316, **@2016**
- 293.** Dimitrov, G V, Arabadzhiev, T I, Hogrel, J-Y, Dimitrova, N A. Simulation analysis of interference EMG Changes in amplitude and spectral characteristics. Journal of Electromyography and Kinesiology, 18, 1, 1-10

10.1016/j.jelekin.2006.07.002, 35-43. ISI IF:1.647

Цитата:

2086. Coletta N: Neuromuscular responses to an isometric force and position task during passive hyperthermia. Program, Faculty of Applied Health Sciences, Brock University, Ontario, CA, @2016
2087. Merletti R, Afsharipour B, Dideriksen J, Farina D: Muscle Force and Myoelectric Manifestations of Muscle Contractions, In book: Surface Electromyography: Physiology, Engineering, and Applications, editors M.
294. Çakırlar, H, Çiçek, N, Fedina, I, Georgieva, K, Doğru, A, **Velitchkova, M.** NaCl Induced Cross-Acclimation to Salinity in Tomato L.) Cultivars. *Acta Physiol. Plant.*, 30, 2008, 561-567. ISI IF:1.584
- Цитата:
2088. Piotr Kamiński, Tadeusz Barczak, Janina Bennewicz, Leszek Jerzak, Maria Bogdzińska, Oleg Aleksander Szady-Grad, Jacek J. Klawe, Alina Woźniak (2016) Effects of chemical elements in the trophic levels of plants on yield and quality of tomato. *Environ Monit Assess*, 220 (3)783-810. DOI: 10.1007/s10653-015-9761-5., @2016
2089. Yuping Jiang, Xiaotao Ding, Dong Zhang, Qi Deng, Chih-Li Yu, Suping Zhou, Dafeng Hui (2017) Soil fumigation stress in tomato plants. *Env. Exp. Bot.* 133, 70-78., @2016
295. **Raikova , R.**, Pogrzebna, M., Drzymala, H., Celichowski, J., Aladjov, H.. Variability of successive contractions of motor units. *Journal of Electromyography and Kinesiology*, 18, 2008, 741-751. ISI IF:1.884
- Цитата:
2090. Smith I.C., Bellissimo C., Herzog W., Tupling A.R. (2016) Can inorganic phosphate explain sag during static contraction? *Physiol Rep.* 4(22). pii: e13043., @2016
296. Angelova, A., B. Angelov, S. Lesieur, **R. Mutafchieva**, M. Ollivon, C. Bourgaux, R. Willumeit. Dynamic control of drug delivery from lipid vehicles. *Journal of Drug Delivery Science and Technology*, 18, 1, Elsevier, 2008, ISSN:17732247, DOI:0.1016/j.jddst.2007.09.001, IF:0.476
- Цитата:
2091. Liu Z., L. Luo, S. Zheng, Y. Niu, R. Bo, Y. Huang, J. Xing, Z. Li, D. Wang. Cubosome nanoparticles prepared by emulsion method. *Int J Nanomedicine*, 11, 2016, 3571–3583. ISSN: 1178-2013, @2016
2092. Jia F., H. Gao, H. Jia, W. Zhang. Nanostructured lipid carriers with liquid crystal structure encapsulated in vitro study. *Molecular Crystals and Liquid Crystals*, 633 (1), 2016, 1-13. ISSN: 1542-1406, @2016
2093. Salim, M., W. F. N. Wan Iskandar, M. Patrick, N. I. Zahid, R. Hashim. Swelling of bicontinuous cubic phase in Langmuir, 32 (22), 2016, 5552–5561. ISSN: 0743-7463, @2016
2094. Boge, L., H. Bysell, L. Ringstad, D. Wennman, A. Umarska, V. Cassisa, J. Eriksson, M.-L. Joly-Guillemin. Lipid crystals as carriers for antimicrobial peptides: phase behavior and antimicrobial effect. *Langmuir*, 32(17), 2016, 5552–5561. ISSN: 0743-7463, @2016
2095. Zahid N.I., O.K. Abou-Zied, N. A. Nabila Saari, R. Hashim. Comparative study of the inverse versus direct glucopyranoside water-driven self-assemblies using fluorescent probes. *RSC Adv.*, 6, 2016, 227-235. ISSN: 2046-4275
2096. Baillot M., A. Bentaleb, E. Laurichesse, V. Schmitt, and R. Backov. Triggering the Mechanical Response of Liposomes by Mechanical Stress. *Langmuir*, 32 (16), 2016, 3880–3889. ISSN: 0743-7463, @2016
297. Atanassov, Krassimir. My personal view on intuitionistic fuzzy sets theory. *Fuzzy Sets and Their Extensions: Theory and Applications*. Berlin Heidelberg, 2008, 23-43

Цитата:

2097. Torra, V., Narukawa, Y., & Yager, R. R. (2016). On a Relationship Between Fuzzy Measures and AIFS.

298. Vassilev V., Djondjorov P., **Mladenov I.** Cylindrical Equilibrium Shapes of Fluid Membranes. J. Phys. A: M IF:1.58

Այսուհետև:

2098. Mkrtchian V., Badalyan H. and Yayloyan S.: Armenian Journal of Physics, 9 (2016) 72-75., @2016
2099. Lira S. and Miranda J.: Phys. Rev. E, 93, 2016, 013129., @2016

299. **Jekova I**, Bortolan G, **Christov I**. Assessment and comparison of different methods for heartbeat classification 257. SJR:2.05, ISI IF:1.82

Այսուհետև:

2100. Masetic Z, Subasi A (2016) Congestive heart failure detection using random forest classifier. Computer 54-64, @2016
2101. Muthuvel K, Suresh LP, Alexander T J (2016). Classification of ECG signals using hybrid feature optimization. In: Proceedings of Int. Conf. on Soft Computing Systems, 397, pp. 1003-1011, Springer Ind
2102. Jatmiko W, Setiawan A, Ali Akbar M, Eka Suryana M, Wardhana Y, Febrian Rachmadi M (2016) Auto and implementation. Makara J. of Technology, 20, (2), pp. 82-92, <http://journal.ui.ac.id/technology/index>
2103. Zhang Youquan (2016) Simple and effective feature selection algorithm and its application on heartbeat Department of Electrical Engineering, Hokkaido University of Sciences <http://www.airitilibrary.com/Publication/alDetailedMesh?docid=U0022-1306201605083600#Reference>
2104. Sun Chao (2016) A universal event-group based time series data mining framework for multi-variate t Wollongong, 210 pages, [@2016](http://ro.uow.edu.au/cgi/viewcontent.cgi?article=5695&context=theses)
2105. Elhaj FA, Salim N, Harris AR, Swee TT, Ahmed T (2016) Arrhythmia recognition and classification us signals. Computer Methods and Programs in Biomedicine, 127, pp. 52-63., @2016
2106. Mateo J, Torres AM, Aparicio A, Santos JL (2016) An efficient method for ECG beat classification and Engineering, 51, pp. 219-229, [@2016](http://www.sciencedirect.com/science/article/pii/S0045790615004450)
2107. Jekova I, Bortolan G, Christov I (2008) Assessment and comparison of different methods for heartbeat pp. 248-257. Yun-Chi Yen, Chun-Wei Chen, Che Wun Chiou, Tsui-Yao Chu (2016) A reliable feature using weighted principal component analysis. Int. Conf. on System Science and Engineering, <http://ieeexplore.ieee.org/abstract/document/7551594/>, @2016
2108. Emilio Serrano (2016) Diagnóstico automático de patologías cardíacas de bloqueo. Univ [@2016](http://riuma.uma.es/xmlui/bitstream/handle/10630/11758/E_Tenorio_Serrano_Memoria.pdf?sequence=1)

300. Popova LP, **Maslenkova L.**, Yordanova R., Krantev1 A., Szalai G., Janda T.. SALICYLIC ACID PROTEC TOXICITY IN PEA PLANTS. Gen. Appl. Plant Physiol., 34, 3-4, Institute of Plant Physiology and Genetics - 8183, 133-148

Այսուհետև:

2109. Raza, M. M., Ullah, S., Ahmad, Z., Saqib, S., Ahmad, S., Bilal, H. M., & Wali, F. (2016). Silicon M Uptake. Agricultural Sciences, 7(01), 1., @2016
2110. Pireh, P., Yadavi, A., & Balouchi, H. (2016). Effect of cadmium chloride on soybean in presence ofa Research-An International Journal., @2016
2111. Simek, J., Tuma, J., Dohnal, V., Musil, K., & Ducaiová, Z. (2016). Salicylic acid and phenolic com (Cucumis sativus L.) Acta Physiologiae Plantarum, 38(7), 1-9., @2016

- 2112.** Magdziak, Z., Mleczek, M., Gąsecka, M., Drzwięcka, K., Kaczmarek, Z., Siwulski, M., & Goliński, P. potential of *Salix purpurea* × *viminalis* hybrid for copper accumulation. International journal of phytoremedication, 2016, DOI: 10.1007/s10732-016-0833-2
- 2113.** Lentini, M. (2016). Fisiologia delle piantine di orzo esposte allo stress da cadmio., **@2016**
- 2114.** HINDERSAH, R. Pertumbuhan dan komposisi eksopolisakarida bakteri pemfiksasi nitrogen As kadmium2015, PROS SEM NAS MASY BIODIV INDON, 1, 7, 1644-1648., **@2016**

- 301.** **Krumova, S. B.**, Dijkema, C., de Waard, P., As, H. V., Garab, G., van Amerongen, H.. Phase behavior of phosphorus revealed by ³¹P-NMR. Biochimica et Biophysica Acta (BBA) - Biomembranes, 1778, 4, 2008, DOI:10.1016/j.bbapre.2008.07.010

Цитата ce в:

- 2115.** Olivier Bastien, César Botella, Florian Chevalie¹, Maryse A. Block, Juliette Jouhet, Christelle Breton, Anne Thylakoid Biogenesis in Plant Cells, INTERNATIONAL REVIEW OF CELL AND MOLECULAR BIOLOGY Volume: 323 Pages: 1-30 DOI: 10.1016/bs.ircmb.2015.12.001 Published online 2016
- 2116.** Xiao-Jing Li, Xie Guo, Yan-Hong Zhou, Kai Shi, Jie Zhou, Jing-Quan Yu and Xiao-Jian Xia, Overexpression of a photosynthetic electron transport chain gene enhances photosynthetic capacity through activation of Calvin cycle enzymes in tomato, BMC Plant Biology, 2016, DOI: 10.1186/s12870-016-0400-0

- 302.** **Stepanova D, Daskalova M.** Membrane property abnormalities in simulated cases of mild systematic and severe forms of multiple sclerosis. Multiple Sclerosis and Related Disorders, 2008, 14, 2, Springer Link, 2008, ISSN:0175-7571, 183-195. ISI IF:2.219

Цитата ce в:

- 2117.** Volman V, Ng LJ.: Perinodal glial swelling mitigates axonal degradation in a model of axonal insufficiency. Journal of Clinical Investigation, 2017, DOI: 10.1172/jci.9017., **@2016**

- 303.** Tabakov S, Iliev I, **Krasteva V.** Online digital filter and QRS detector applicable in low resource ECG monitoring. Springer, 2008, ISBN:0090-6964, 1805-1815. SJR:0.972, ISI IF:3.195

Цитата ce в:

- 2118.** Agarwal S, Rani A, Singh V, Mittal AP, (2016), Performance Evaluation and Implementation of FPC based QRS detection algorithm. Journal of Medical Systems, 40(3), pp. 40-63, doi: 10.1007/s10916-015-0404-2, http://link.springer.com/10.1007/s10916-015-0404-2; N3., **@2016**
- 2119.** Kim J, Shin H, (2016), Simple and robust realtime QRS detection algorithm based on spatiotemporal characteristics of ECG signals. PLoS ONE, 11(1), DOI: 10.1371/journal.pone.0150144; N15., **@2016**
- 2120.** Alves DR, Lourenço A, Antunes I, Leitão J, (2016), How trustworthy are ECG monitors? The filter selection process. Revista Portuguesa de Anestesiologia, 2016, 67(1), pp. 84-90, ISSN: 0871-6099, http://revistas.rcaap.pt/anestesiologia/article/view/7699/7239 ; N21., **@2016**

- 304.** **Roeva, O.**. Improvement of Genetic Algorithm Performance for Identification of Cultivation Process Models. A Case Study. Series: Artificial Intelligence Series, 2008, ISBN:978-960-6766-58-9, 34-39

Цитата ce в:

- 2121.** Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitionistic fuzzy sets. Methodologies, Tools, and Applications, pp. 1125 – 1152, 2016, **@2016**

- 305.** **Arabadzhiev TI**, Dimitrov GV, Chakarov VE, **Dimitrov AG**, Dimitrova NA. Effects of changes in intracellular fiber, macro, and belly-tendon electrodes. Muscle and Nerve, 2008, 37, 6, Wiley, 2008, DOI:10.1002/mus.21024, 700-706

Цитата ce в:

- 2122.** Rodriguez-Falces L, Place N: Muscle excitability during sustained maximal voluntary contractions. Scandinavian journal of medicine & science in sports, 2016, DOI: 10.1111/sms.12819, **@2016**
- 2123.** Rodriguez-Falces L, Malanda A, Latasa I, Lavilla-Oiz A, Navallas J: Influence of timing variables on muscle excitability. Scandinavian journal of medicine & science in sports, 2016, DOI: 10.1111/sms.12819, **@2016**

characteristics, Journal of Electromyography and Kinesiology, 2016, 30: 249-262., @2016

2124. Rodriguez-Falces J, Place N: New insights into the potentiation of the first and second phases of the M-muscle, Muscle & Nerve 2016, doi: 10.1002/mus.25186., @2016

2009

306. Andreeva, A, **Velitchkova, M.** Resonance Raman studies of carotenoid molecules within photosystem I particles 492. ISI IF:0.3

Цитата за:

2125. Chen Liu, Qingyan Wang, Wenqian Huang, Liping Chen, Baohua Zhang, Shuxiang Fan (2016) Computer Noninvasive Determination of Carotenoids in Agricultural Products Computer and Computing Technology IFIP Advances in Information and Communication Technology pp 237-247, @2016

307. Velikova V., Tsonev T., Barta C., Centritto M., Koleva D., Stefanova M., **Busheva M.**, Loreto F.. BVOC emissions from chloroplast ultrastructure of *Platanus orientalis* L. exposed to elevated CO₂ and high temperature. Environmental

Цитата за:

2126. Kask, K. A. Kännaste, E. Talts, L. Copolovici, Ü. Niinemets, How specialized volatiles respond to chronic heat stress in *Brassica nigra*: Responses of *Brassica nigra* to heat stress, Plant Cell and Environment, 2016, DOI: 10.1111/pce.12600

308. Popova, L, **Maslenkova, L**, Yordanova, R, Ivanova, A, Krantev, A, Szalai, G, Janda, T. Exogenous treatments of pea seedlings. Plant Physiology and Biochemistry, 47, 3, Elsevier, 2009, 224-231. ISI IF:2.928

Цитата за:

2127. Mutlu, S., Atıcı, Ö., Nalbantoğlu, B., & Mete, E. (2016). Exogenous salicylic acid alleviates cold damage in winter wheat (Hordeum vulgare L.) cultivars. Frontiers in Life Science, 1-10., @2016

2128. Shahid, M., Dumat, C., Khalid, S., Niazi, N. K., & Antunes, P. M. (2016). Cadmium bioavailability, uptake and translocation in plants. Reviews of environmental contamination and toxicology, 241, 73-137., @2016

2129. Iqbal, N., Nazar, R., & Umar, S. (2016). Evaluating the Importance of Proline in Cadmium Tolerance and Plants Acclimation to Changing Environment: Emerging Omics Technologies (pp. 129-153). Springer

2130. Liu, Z., Ding, Y., Wang, F., Ye, Y., & Zhu, C. (2016). Role of salicylic acid in resistance to cadmium in rice. Reviews of environmental contamination and toxicology, 241, 73-137., @2016

2131. Gondor, O. K., Pál, M., Darko, E., Janda, T., & Szalai, G. (2016). Salicylic Acid and Sodium Salicylate Alleviate Cadmium-Induced Oxidative Stress in Maize (Zea mays L.). PloS one, 11(8), e0160157., @2016

2132. Roychoudhury, A., Ghosh, S., Paul, S., Mazumdar, S., Das, G., & Das, S. (2016). Pre-treatment of seeds with salicylic acid alleviates cadmium-induced oxidative damages in the seedlings of mungbean (*Vigna radiata* L. Wilczek). Acta Physiologae Plantarum, 38(7), 1-9., @2016

2133. Gondor, O. K., Janda, T., Soós, V., Pál, M., Majláth, I., Adak, M. K., ... & Szalai, G. (2016). Salicylic Acid Alleviates Cadmium-Induced Oxidative Stress in Wheat. Frontiers in Plant Science, 7., @2016

2134. Antonious, G. F. (2016). Distribution of seven heavy metals among hot pepper plant parts. Journal of Environmental Monitoring and Assessment, 188(1), 309-315., @2016

2135. Simek, J., Tuma, J., Dohnal, V., Musil, K., & Ducaiová, Z. (2016). Salicylic acid and phenolic compounds in cucumber (Cucumis sativus L.). Acta Physiologae Plantarum, 38(7), 1-9., @2016

2136. Wani, A. B., Chadar, H., Wani, A. H., Singh, S., & Upadhyay, N. (2016). Salicylic acid to decrease cadmium-induced oxidative stress in wheat. Acta Physiologae Plantarum, 38(7), 23., @2016

2137. Jan, S., & Parray, J. A. (2016). Heavy Metal Stress Signalling in Plants. In Approaches to Heavy Singapore., **@2016**
2138. Shareef, R. S., Mamat, A. S., Al-Shaheen, M. R., Wahab, Z., & Rukunudin, I. H. (2016). THE EFFECT CADMIUM ON GROWTH OF CORN (ZEA MAYS L.), **@2016**
2139. Soltani Maivan, E., Radjabian, T., Abrishamchi, P., & Talei, D. (2016). Physiological and biochemical and the protective role of salicylic acid. Archives of Agronomy and Soil Science, 1-14., **@2016**
2140. Litvinovskaya, R. P., Vayner, A. A., Zhylitskaya, H. A., Kolupaev, Y. E., Savachka, A. P., & Khripa Action on Plants of Brassinosteroid Conjugates with Salicylic Acid. Chemistry of Natural Compounds, 52(1), 5-11.
2141. SHAHABIVAND, S., & ALİLOO, A. A. (2016). Piriformospora indica'nın Kadmiyum Stresi altındaki Etkinliklerini Teşviki. Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi, 333-340., **@2016**
2142. Prabhakaran Soundararajan, A. (2016). Manivannan, and Byoung Ryong Jeong. Silicon in Plants: Advances and Future Perspectives, 1-11.
2143. Singh, S., Singh, A., Bashri, G., & Prasad, S. M. Impact of Cd stress on cellular functioning and its regulatory network. Plant Growth Regulation, 1-11., **@2016**
2144. Fatima, R. N., & Javed, F. 2016, ROLE OF SALICYLIC ACID IN IMPROVING GROWTH AND SILICON ACCUMULATION IN CALLUS TISSUE OF BASMATI RICE UNDER CADMIUM STRESS. Int. J. of Bioautomation, 20(1), 1-11.
2145. Bashri, G., Tripathi, D. K., Singh, V. P., Prasad, S. M., & Chauhan, D. K. (2016). Chapter 4 Silicon in Photosynthetic Machinery under Different Abiotic Stresses. In Silicon in Plants: Advances and Future Perspectives, 1-11.
2146. Sarwar, N., Imran, M., Shaheen, M. R., Ishaq, W., Kamran, A., Matloob, A., ... & Hussain, S. (2016). Effects of silicon on plants growing under heavy metal stress: modifications and future perspectives. Chemosphere., **@2016**
2147. Espanany, A., Fallah, S., & Tadayyon, A. (2016). Seed priming improves seed germination and reduces cadmium-induced toxicity in rice. Industrial Crops and Products, 79, 195-204., **@2016**
2148. Gupta, S., & Gupta, M. (2016). Alleviation of selenium toxicity in Brassica juncea L.: salicylic acid-related modulators, and sulfur-related gene transcripts. Protoplasma, 253(6), 1515-1528., **@2016**
2149. Wu, Z., Yin, X., Bañuelos, G. S., Lin, Z. Q., Liu, Y., Li, M., & Yuan, L. (2016). Indications of Selenium in Oilseed Rape (Brassica napus L.). Frontiers in Plant Science, 7., **@2016**

309. Bortolan G, **Christov I**, Batchvarov V, Behr E. QRS&T wave alternans and beat-to-beat ventricular repolarization in patients with suspected Brugada syndrome. Computers in Cardiology, 36, 2009, 305-308. SJR:0.396

Цитира се:

2150. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

310. Keranov I, Vladkova T, Minchev M, **Kostadinova, A.**, Altankov G, Dineff P. Topography Characterization and Surface Properties of Beam Treated PDMS Surfaces. 111, J. Appl. Polym., 2009, ISSN:ISSN:0021-8995, SJR:0.578, ISI IF:1.74

Цитира се:

2151. Improved cell adhesion under shear stress in PDMS microfluidic devices, **@2016**

2152. Cellular activity of Wharton's Jelly-derived mesenchymal stem cells on electrospun fibrous and solvent-cast polymer scaffolds. **@2016**

311. Batchvarov VN, **Christov II**, Bortolan G, Govindan M, Behr ER. Automatic assessment of right ventricular ajmaline test for suspected Brugada syndrome. Computers in Cardiology, 36, 2009, 296-300. SJR:0.506

Цитира се:

2153. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

- 312.** Keranov I, Vladkova T, Minchev M, **A. Kostadinova**, Altankov G. Charac-terisation and Cellular Interactions of the DocumentJournal of Applied Polymer Science 110 (1), pp. 321-330, 110, 1, J. Appl. Polym. Si, 2009, ISSN:1312-451X, @2009
Цитира се:
- 2154.** Effects of plasma surface treatments of diamond-like carbon and polymeric substrata on the cellular behaviour of fibroblasts. Journal of Applied Polymer Science 110 (1), pp. 321-330, 110, 1, J. Appl. Polym. Si, 2009, ISSN:1312-451X, @2009
- 313.** Christov I, Jekova I, Krasteva V, Dotsinsky I, Stoyanov T. Rhythm analysis by heartbeat classification. Bioautomation, 13, 2, 2009, ISSN:1312 – 451X, 84-96
Цитира се:
- 2155.** Sha Liu, Bao-Yue Zhang, Cong Liu, (2016), Research on the Application of GSR and ECG in the Usability of Bioautomation, 20(3), pp. 359-372; N5., @2016
- 314.** Todorova, R. In vitro interaction between the N-terminus of the Ewing,s sarcoma protein and the subunit of the Reports, 36, 6, Springer International Publishing AG, Part of Springer Science+Business Media, 2009, ISSN:10.1007/s11033-008-9308-2, 1269-1274. SJR:0.63, ISI IF:2.024
Цитира се:
- 2156.** Bess Ling Chau, King Pan Ng, Kim K C Li, Kevin A.W. Lee. RGG boxes within the TET/FET family of Transcription. 2016 Aug 7;7(4):141-51. doi: 10.1080/21541264.2016.1183071. Epub 2016 May 9., @2016
- 315.** Todorova, R.. Estimation of Methods of Protein Delivery into Mammalian Cells – A Comparative Study Biochemistry and Microbiology, 45, 4, Springer International Publishing AG SP MAIK Nauka/Interperiodica, 0003-6838 (Print) 1608-3024 (Online), DOI:DOI: 10.1134/S0003683809040176, 444-448. SJR:0.24, ISI IF:0.73
Цитира се:
- 2157.** Stutz, Katharina. Computer-assisted morphing of membrane-interacting peptides. (2016). (Dr. sc. ETH Zurich, Switzerland. Doctoral and Habilitation Theses. Dissertation, ETH-Zürich, 2016, No. 23416. http://nbn-resolving.de/urn:nbn:ch:hsz-eth-49540, @2016
- 316.** Dimitrov, V G, Arabadzhiev, T I, Dimitrova, N A, Dimitrov, G V. Eccentric contraction-induced muscle damage in rats. Journal of Exercise Rehabilitation 2016; 12(1): 119-126. ISSN:1314-2321 (on-line) 1314-1902 (print), 119-126. SJR:0.228
Цитира се:
- 2158.** Fathi M, Gharakhanlou R, Solimani M, Rajabi H: Response of mef2 gene of slow and fast twitch muscles to exercise. J Shahid Sadoughi Univ Med Sci 2016; 24(8)., @2016
- 317.** Doncheva, Sn, Poschenrieder, C., Stoyanova, Zl, Georgieva, K, **Velichkova, M**, Barcelo, J. Silicon ameliorates lead tolerance in tolerant maize varieties. Environmental and Experimental Botany, 65, 2-3, 2009, DOI:10.1016/j.envexpbot.2008.09.002
Цитира се:
- 2159.** Durgesh Kumar Tripathi, Vijay Pratap Singh, Sheo Mohan Prasad, Nawal Kishore Dubey, Devendra K. Singh. Lead toxicity and its amelioration by silicon in wheat. A comparative study of atomic absorption spectrometric and biochemical analysis to characterize lead toxicity alleviative nature of silicon in wheat. Photobiol, B, 154, 89-98. doi:10.1016/j.jphotobiol.2015.11.008, @2016
- 2160.** Rizwan, M., Meunier, J.-D., Davidian, J.-C., Pokrovsky, O.S., Bovet, N. Keller, C. (2016) Silicon turgidum L. cv. Claudio) grown in hydroponics. Environmental Science and Pollution Research, 23 (2) 1233-1240
- 2161.** Dorneles, A.O.S., Pereira, A.S., Rossato, L.V., Possebom, G., Sasso, V.M., Bernardy, K., Sandri, R.C. (2016) Silicon reduces aluminum content in tissues and ameliorates its toxic effects on potato plants. Environ Monit Assess, 189, 1-10. doi:10.1007/s10661-016-5351-1, http://dx.doi.org/10.1590/0103-8478cr20150585, @2016
- 2162.** Tripathi, D.K., Singh, V.P., Prasad, S.M., Dubey, N.K., Chauhan, D.K., Rai, A.K. (2016) LIB spectroscopic analysis of silicon in wheat. Environ Monit Assess, 189, 1-10. doi:10.1007/s10661-016-5351-1, page 131/193

toxicity alleviative nature of silicon in wheat (*Triticum aestivum* L.) seedlings. *J. Photochem. Photobiol.*

2163. Chandana Pandey, Ehasanullah Khan, Medha Panthri, Rudra Deo Tripathi, Meetu Gupta (2016) Impact of root traits by regulating growth parameters, cellular antioxidants and stress modulators under arsenic stress. doi:10.1016/j.plaphy.2016.03.032, **@2016**
2164. Everton Martins Arruda , Rilner Alves Flores , Virgínia Damin , Rosana Alves Gonçalves , Carlos Leandro , Gustavo de Melo Oliveira Gonçalves , Ricardo Alexandre Florentino Barbosa (2016) Growth, nutritive value and yield of Brachiaria humidicula (Brachiaria humidicula) as a function of Mn-fertilizer. *Austr. J. Crop Sci.* 10(10). 10.21475/ajcs.2016.10.04.p7364x, **@2016**
2165. Wang Huifang, Yu chaoguang, Wnag Tao, Xie Yinfeng (2016) The research progresses in mitigative measures of manganese toxicity. *Journal of Yunnan Agricultural University (Natural Scince)*. 31(3) 528-535. http://www.cnki.net/kcms/detail/53.3322.N.20160720.1001.001.html
2166. Tatsuki Ogura, Yasuhiro Date, Masego Masukujane, Tidimalo Coetzee, Kinya Akashi, Jun Kikuchi (2016) Evaluation of biological properties of aridisols from Botswana by the incorporation of torrefied biomass. doi:10.1038/srep28011., **@2016**
2167. Julia Cooke and Michelle R Leishman (2016) Consistent alleviation of abiotic stress with silicon addition. DOI: 10.1111/1365-2435.12713, **@2016**
2168. Fernando C. Bachiega Zambrosia, Geisa Lima Mesquita, Paulo E. Ribeiro Marchiori, Francisco A. C. Vasconcelos Ribeiro (2016) Anatomical and physiological bases of sugarcane tolerance to manganese toxicity. *Plant Soil Environ.* 62(10). 10.1515/pse-2016-0162

318. Vassilev V., Djondjorov P., **Mladenov I.** Integrable Dynamical Systems of the Frenet–Serret Type. , In: *Projective Structures, Integrability and Vector Fields*, World Scientific, 2009, 234-244

Цитата из:

2169. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, *Differential Equations*. 97, **@2016**

319. Bortolan G, Bressan M, **Christov I.** Review on the diagnostic potentials of the T-loop morphology in VCG.. *Biochimica et Biophysica Acta (BBA)-Cardiovascular Research*.

Цитата из:

2170. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. *Int. J. of Bioautomation*, 20, (1), pp., **@2016**

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

Цитата из:

2171. Shayanfar, S., Shayanfar, A., Ghandadi, M. Image-Based Analysis to Predict the Activity of Tariqol. Importance of External Validation. *Archiv der Pharmazie*, 349 (2), pp. 124-131, Feb 2016., **@2016**

321. **Pajeva, I.**, Globisch, C., Wiese, M.. Combined pharmacophore modeling, docking and 3D QSAR study. *ChemMedChem.*, 4, 11, 2009, 1883-1896. ISI IF:3.232

Цитата из:

2172. AlQudah, DA; Zihlif, MA; Taha, MO. Ligand-Based Modeling of Diverse Aryalkylamines Yields New Insights into Their Mechanism of Action. *JOURNAL OF MEDICINAL CHEMISTRY*, 110 204-223; 10.1016/j.ejmech.2016.01.034 MAR 3 2016, 59(1).

2173. Malik, R; Bunkar, D; Choudhary, BS; Srivastava, S; Mehta, P; Sharma, M. High throughput virtual screening for efficient identification of potential PAP248-286 aggregation inhibitors as anti-HIV agents, *JOURNAL OF COMPUTATIONAL CHEMISTRY*, 37(15), 10.1016/j.jcomp.2016.05.086 OCT 15 2016, **@2016**

2174. Miyata, K; Nakagawa, Y; Kimura, Y; Ueda, K; Akamatsu, M. Structure–activity relationships of dibenzodiazepine derivatives as potent antagonists of the benzodiazepine receptor. *Journal of Medicinal Chemistry*, 59(15), 10.1016/j.jmedchem.2016.05.086 OCT 15 2016, **@2016**

mediated quinidine transport, BIOORGANIC & MEDICINAL CHEMISTRY, 24 (14):3184-3191; 10.1007/s00709-016-1833-2

2175. Trippier, Paul C. Selecting Good 'Drug-Like' Properties to Optimize Small Molecule Blood-Brain Barrier, BIOORGANIC & MEDICINAL CHEMISTRY, 23 (14):1392-1407; 2016, @2016
2176. Bakhtiyor Rasulev. Recent Developments in 3D QSAR and Molecular Docking Studies of Organic and Inorganic Compounds. In: Computational Chemistry · January 2016, pp.1-29. DOI: 10.1007/978-94-007-6169-8_54-1, @2016
2177. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P-glycoprotein. In: P-glycoprotein: Structure, Function and Mechanism of Action. Discovery, 13 (8), pp. 824-832., @2016
2178. Marcus, D., Mak, L. Chapter 7: Methods and Resources for Transport Proteins in Bioinformatics and Chemical Biology. In: Bioinformatics and Chemical Biology: Methods and Protocols. 2016-January (55), pp. 195-226., @2016
2179. Ngo, T.-D., Tran, T.-D., Le, M.-T., Thai, K.-M. Machine learning-, rule- and pharmacophore-based classification of organic compounds. In: SAR AND QSAR IN ENVIRONMENTAL RESEARCH, 27 (9):747-780; 10.1080/106293
2180. Shukla, S.; Patel, A.; Ambudkar, S.V. Mechanistic and Pharmacological Insights into Modulation of ABCB1 by ABC Transporters - 40 Years on, Ed. A. M. George, Springer International Publishing, pp. 227-272, ISBN 978-3-319-22222-2_10, @2016

322. Pencheva, T., Atanassov, K., Shannon, A.. Modelling of a Roulette Wheel Selection Operator in Genetic Algorithms. In: Journal Bioautomation, 13, 4, 2009, ISSN:1313-261X, 257-264

Izumupa ce 6:

2181. Rahman R. A., R. Ramli, Z. Jamari, K. R. Ku-Mahamud, Evolutionary Algorithm with Roulette Wheel Selection for Solving Nonlinear Optimization Problems. In: Mathematical Problems in Engineering, 2016, 2016, Article ID 3672758, http://dx.doi.org/10.1155/2016/3672758
323. Dimitrova, N A, Arabadzhiev, T I, Hogrel, J-Y, Dimitrov, G V. Fatigue analysis of interference EMG signals during voluntary contraction at various force levels. Journal of Electromyography and Kinesiology, 19, 2, E10-E16; DOI: 10.1016/j.jelekin.2007.08.007, 252-258. ISI IF:1.647

Izumupa ce 6:

2182. Silva S, Guimaraes MP, Campos Y, Souza HLR: Limiar de Lactato, Limiar Eletromiográfico no Exercício de Corredores, Project on ResearchGate, 2016, Universidade Federal de Lavras (UFLA), Universidad Pedagógica y Tecnológica de Colombia, Universidad Federal do Triângulo Mineiro (UFTM), Lavras, Brazil, @2016
2183. Talebian S, Saba M, Bagheri H, Olyaei G, Mousavi S: The Comparison between Spectral and Entropy Features of Muscles, Journal of Rehabilitation Sciences and Research 2016, 1(3): 20-24., @2016
2184. Mokaya F, Lucas R, Noh HY, Zhang P: Burnout: A Wearable System for Unobtrusive Skeletal Muscle Monitoring. In: Proceedings of the 2016 International Conference on Information Processing in Sensor Networks (IPSN), Vienna, Austria, 11-14 May 2016, pp. 1-6.

324. Pajeva, I., Globisch, C., Wiese, M.. Comparison of the inward- and outward-open homology models and ligand binding properties of ABCB1. In: Journal of Biomolecular Structure and Dynamics, 23, 2009, 7016-7026. ISI IF:3.042

Izumupa ce 6:

2185. Jabeen, I. In silico strategies to probe stereoselective interactions of multidrug resistant transporter P-glycoprotein. In: P-glycoprotein: Structure, Function and Mechanism of Action. Discovery, 13 (8), pp. 824-832., @2016
2186. HK Shin, YM Kang, KT No. Predicting ADME Properties of Chemicals. In: Handbook of Computational Chemistry. DOI: 10.1007/978-94-007-6169-8_59-1, @2016
2187. Laszlo, L; Sarkadi, B; Hegedus, T. Jump into a new fold-A homology based model for the ABCB1. In: PLoS ONE, 11(10):10.1371/journal.pone.0164426 OCT 14 2016, @2016

325. Sotriov, S., Atanassov, K. T.. Intuitionistic fuzzy feed forward neural network. Cybernetics and Information Technology, 16, 2016, 10-15.

I lumupa ce e:

2188. Zhao, Jing, Lo-Yi Lin, and Chih-Min Lin. "A General Fuzzy Cerebellar Model Neural Network Multidimensional for Medical Identification." Computational intelligence and neuroscience. Volume 2016, http://dx.doi.org/10.1155/2016/8073279, @2016

326. Chountas, Panagiotis, Shannon, Anthony, Rangasamy, Parvathi, **Atanassov, Krassimir**. On intuitionistic fuzzy sets on Intuitionistic Fuzzy Sets, 15, 4, 2009, 52-56

I lumupa ce e:

2189. Nagoorgani, A., Muhammad Akram, and S. Anupriya. "Double domination on intuitionistic fuzzy graphs." Graphs and Combinatorics, 32, no. 1-2 (2016): 515-528., @2016

327. **Pajeva, I.**, Wiese, M.. Structure-activity relationships of a series of tariquidar analogs as multidrug resistance protein 444. ISI IF:3.54

I lumupa ce e:

2190. Kakarla P., M. Inupakutika, A. R. Devireddy, S. K. Gunda, T. M. Willmon, Ranjana KC , U. Shrestha, Varela. 3D-QSAR and contour map analysis of tariquidar analogues as multidrug resistance protein 444. *Journal of Pharmaceutical Sciences A*, 2016, 11, 554-572. DOI: 10.13040/IJPSR.0975-8232.7(2).554-72, @2016

2191. Shayanfar, S., Shayanfar, A., Ghandadi, M. Image-Based Analysis to Predict the Activity of Tariquidar: Importance of External Validation. Archiv der Pharmazie, 349 (2), pp. 124-131, Feb 2016., @2016

2192. Wen Li, Han Zhang, Yehuda G. Assaraf, Kun Zhao, Xiaojun Xu, Jinbing Xie, Dong-Hua Yang, Zhe-Sheng Wang. Tariquidar: A review of its pharmacodynamic properties and therapeutic potential in multidrug resistance: Molecular mechanisms and novel therapeutic drug strategies, *Drugs*, 2016, 76(14), 10.1016/j.drup.2016.05.001 JUL 2016, @2016

2193. Miyata, K; Nakagawa, Y; Kimura, Y; Ueda, K; Akamatsu, M. Structure–activity relationships of dibenzodiazepine-mediated quinidine transport, *BIOORGANIC & MEDICINAL CHEMISTRY*, 24 (14):3184-3191; 10.1016/j.bmc.2016.05.001 JUL 2016, @2016

328. Gallasch E., Christova M., Krenn M., **Kossev A.R.**, Rafolt D.. Changes in motor cortex excitability following transcranial magnetic stimulation in healthy volunteers. *Am J Appl. Physiol.*, 105, 1, 2009, ISSN:14396319, 47-57. ISI IF:1.931

I lumupa ce e:

2194. Nardone R, Langthaler PB, Bathke AC, Höller Y, Brigo F, Lochner P, Christova M, Trinka E. (2016) Brain. 139(1): 1-10. doi: 10.1093/brain/aww311

2195. Moscatelli F, Messina G, Valenzano A, Petito A, Triggiani AI, Messina A, Monda V, Viggiano A, De Ia M, et al. (2016) *Neurology Sci*:37(12): 1947–1953., @2016

2196. Fisher BE, Southam AC, Kuo YL, Lee YY, Powers CM (2016) *NeuroReport*, 27(6) : 415-421., @2016

329. Mileva K.N., Bowtell J.L., **Kossev A.R.**. Effects of low frequency whole body vibration on motor evoked potentials. *Journal of Clinical Neurophysiology*, 2016, 33(1), ISSN:09580670, 103-116. ISI IF:2.91

I lumupa ce e:

2197. Cochrane DJ (2016) *Int. J. Sports Med.*, 37(7): 547-551) *Int. J. Sports Med.*, 37(7): 547-551, @2016

2198. Silva AT, Carvalho AJB, Andrade MF, Calixto Junior R, Dias MPF, Silva AM, Martinez BB, Honora A, et al. (2016) *Journal of Sport Rehabilitation*, 23(3):108-113., @2016

2199. Ahmadi M, Torkaman G, Kahrizi S, Ghabaee M, Arani LD (2016) *Journal of Sport Rehabilitation*, 25(4):108-113., @2016

2200. Padulo J, Di Giminiani R, Dello Iacono A, Zagatto AM, Migliaccio GM, Grgantov Z, et al. (2016) *Journal of Sport Rehabilitation*, 25(4):108-113., 10.3389/fphys.2016.00242., @2016

2201. Krause A, Gollhofer A, Freyler K, Jablonka L, Ritzmann R (2016) *J Musculoskeletal Neuronal Interact*, 16(2):162-168., @2016

- 2202.** Timon R, Collado-Mateo D, Olcina G, Gusi N (2016) Journal of Sports Medicine and Physical Fitness, 56(7):1121-1129., **@2016**
- 2203.** Pamukoff DN, Pietrosimone B, Lewek MD, Ryan ED, Weinhold PS, Lee DR, Blackburn JT (2016) *Journal of Clinical Rehabilitation*, 97(7):1121-1129., **@2016**
- 2204.** Liao LR (2016) Effects of whole-body vibration therapy in individuals with chronic stroke., Marshall University Thesis, **@2016**
- 2205.** de Lima KCS, Piauilino PMM, Franco RM, Silva RSDL (2016). Efeito do alongamento muscular, mobilidade articular e força com AVE. *ConScientiae Saúde*, 15(1), 62-70., **@2016**
- 2206.** Pamukoff DN, Pietrosimone B, Lewek MD, Ryan ED, Weinhold PS, Lee DR, Blackburn JT (2016) Impact of whole-body vibration on muscle function in healthy adults. *Muscle and Nerve*, 54(3):469-478., **@2016**

330. **Velitchkova, M**, Lazarova, D, **Popova, AV**. Response of isolated thylakoid membranes with altered fluidity to light. *Photosynthesis Research*, 15, 1, 2009, ISSN:0971-5894, 43-52

Izumupa ce ε:

- 2207.** Yamamoto Y., 2016, Quality Control of Photosystem II: The Mechanisms for Avoidance and Tolerance of Membrane Fluidity of the Thylakoids, *Frontiers in Plant Science* 7(e52100), DOI: 10.3389/fpls.2016.01100

331. Jordan G. Petrov, **Tonya D. Anreeva**, H. Möhwald. Dipolar Interactions and Miscibility in Binary Langmuir Hydrophilic Heads.. *Langmuir*, 25, 6, ACS Publications, 2009, ISSN:0743-7463, DOI:10.1021/la804136j, 3659-3666

Izumupa ce ε:

- 2208.** Aikawa, T., Yokota, K., Kondo, T., Yuasa, M. Intermolecular Interaction between Phosphatidylcholine with Antiparallel Arranged Headgroup Charge, *Langmuir*, 2016, 32(41), 10483-10490., **@2016**

332. Djondjorov P., Vassilev V., **Mladenov I.** Plane Curves Associated with Integrable Dynamical Systems of the Fuchs Type. In: *Workshop on Complex Structures, Integrability and Vector Fields*, World Scientific, 2009, 57-63

Izumupa ce ε:

- 2209.** Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, *Differential Equations*, 97., **@2016**

333. Fedina, I, Nedeva, D, Georgieva, K, **Velitchkova, M**. Methyl jasmonate counteract UV-B stress in barley seedlings. *Plant Physiology and Biochemistry*, 037X, 204-212. ISI IF:2.444

Izumupa ce ε:

- 2210.** Agnieszka Hanaka, Małgorzata Wójcik, Sławomir Dresler, Magdalena Mroczek-Zdryska, Waldemar Mroczek. Effect of methyl jasmonate on the oxidative stress response in Phaseolus coccineus treated with Cu? Ecotoxicology and Environmental Safety, 125, 105-112. DOI: 10.1016/j.ecoenv.2016.04.016

- 2211.** Rodrigo Alonso, Federico J. Berli, Patricia Piccoli, Rubén Bottini (2016) Ultraviolet-B radiation, water stress and interactive effects on grapevines. *Theoretical and Experimental Plant Physiology*, 28 (1) 11-22. DOI: 10.1007/s00197-015-0001-0

- 2212.** Abdul Manan, C.M. Ayyub, M. Aslam Pervez and Rashid Ahmad (2016) Methyl jasmonate brings about changes in altering biochemical and physiological processes. *Pak. J. Agri. Sci.*, Vol. 53(1), 35-41; 2016. DOI: 10.21112/pjasci.v53n1.2016.0035

- 2213.** L. Vanhaelewijn1, E. Prinsen, D. Van Der Straeten, F. Vandebussche (2016) Hormone-controlled UV-B resistance in *Arabidopsis thaliana*. *Journal of Experimental Botany*. 67(15):4469-4482. doi:10.1093/jxb/erw261, **@2016**

334. **Jekova I, Krasteva V**, Ménétré S, **Stoyanov T**, **Christov I**, Fleischhackl R, Schmid J-J, Didon J-P. Bench study of a new analysis algorithm in the presence of electromagnetic interference. *Physiological Measurement*, 37(7):695-705. DOI:<http://dx.doi.org/10.1088/0967-3334/30/7/012>, 695-705. SJR:2.11, ISI IF:1.8

Izumupa ce ε:

2214. Jae Eun Ku, Je Sung You, Young Seon Joo, Taeyoung Kong, Dong Ryul Ko, Sung Phil Chung, (2016) Evaluation of the Performance of an Automated External Defibrillator: Simulation Study with Literature Review, Journal of the Korean Society of Emergency Medicine, 27, ISSN: 1226-4334, <http://www.jksem.org/upload/pdf/jksem-27-3-231.pdf>; N2., **@2016**
2215. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, Kramer-Johansen J, Eftestøl T, Alonso A (2016) A New Algorithm for the Detection of Shockable Rhythms in Automated External Defibrillators, PLOS ONE, 11(1), DOI: 10.1371/journal.pone.0149562, <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4956226/>; N28., **@2016**

2010

335. **Christov I**, Bortolan G, Simova I, Katova T. T wave and QRS complex alternans during standard diagnostic stress test. Int. J. of Bioautomation, 14, (1), pp. 1039-1042. SJR:0.63
- Цитира се:
2216. Limaye MH, Deshmukh MV (2016) ECG noise sources and various noise removal techniques: A survey. Indian Journal of Applied Mathematics, 5, (2), pp. 86-92, <http://www.ijaiem.org/Volume5Issue2/IJAIEM-2016-02-25-22.pdf>, **@2016**
2217. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
336. Riecan, B., **Atanassov, K. T.**. Operation division by n over intuitionistic fuzzy sets. 16, 4, 2010, 1-4
- Цитира се:
2218. Jamkhaneh, E. B. (2016). New Operations over Generalized Interval Valued Intuitionistic Fuzzy Sets. Int. J. of Bioautomation, 20, (1), pp. 67-674., **@2016**
337. **Matveev M.**, Tsonev S., Prokopova R., Donova T.. Assessment of Autonomic Cardiac Control in Women Using the Autonomic Balance Indicator.. Computing in Cardiology, 37, 2010, 1047-1050. SJR:0.355
- Цитира се:
2219. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, **@2016**
338. **Matveev M.**. Non-parametric Criterion for Estimation of the Sensitivity of Object's Features to Influences of External Factors. Proceedings of the 32nd International Conference on Information Technology Interfaces (ITI) 569-572., IEEE, 2010, 569-572
- Цитира се:
2220. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp. 43-68, **@2016**
339. **Krumova, S.**, Laptenok, S., Kovács, L., Tóth, T., van Hoek, A., Garab, G., van Amerongen, H.. Digalactosyldiacylglycerol (DGDG) is the major component of thylakoid membranes. Photosynthesis Research, 105, 3, 2010, DOI:10.1007/s11120-010-9581-5, 229-239
- Цитира се:
2221. Nozue S., Mukuno A., Tsuda Y., Shiina T., Terazima M., Kumazaki S., Characterization of thylakoid membranes from green alga with dual-detector fluorescence lifetime imaging microscopy with a systematic change of the excitation wavelength. Int. J. of Bioautomation, 20, (1), pp. 59., **@2016**
2222. Kobayashi, K; Endo, K; Wada, H, Roles of Lipids in Photosynthesis, LIPIDS IN PLANT AND ALGAE, Biochemistry, Volume: 86 Pages: 21-49 DOI: 10.1007/978-3-319-25979-6_2, **@2016**

2223. Maida, Eri; Awai, Koichiro, Digalactosyldiacylglycerol is essential in *Synechococcus elongatus* PC biosynthetic pathway, BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR AND CELL BIOLOGY SI Pages: 1309-1314 Part: B Published: SEP 2016, [@2016](#)
2224. Karlicky, V; Kurasova, I; Ptackova, B; Vecerova, K; Urban, O; Spunda, V, Enhanced thermal stability comparison with selected angiosperms, PHOTOSYNTHESIS RESEARCH, Volume: 130 Issue: 10.1007/s11120-016-0269-3 Published: DEC 2016, [@2016](#)
340. **Roeva, O., T. Pencheva.** Generalized Net Model of a Multi-population Genetic Algorithm. Issues in Intuitionistic Fuzzy Sets 101
- I lumupa ce e:
2225. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: Innovative series Studies in Computational Intelligence pp 161-215, 2016, [@2016](#)
341. **Roeva O.**, Tzonkov S., Hitzmann B.. Optimal Feeding Trajectories Design for *E. coli* Fed-batch Fermentations. Issues in Intuitionistic Fuzzy Sets 101
- I lumupa ce e:
2226. Kevin C. Sales, Filipa Rosa, Bernardo R. Cunha, Pedro N. Sampaio, Marta B. Lopes, Cecilia R. C. Calado, *E. coli* cultivations based on high-throughput FT-MIR spectroscopic analysis, Biotechnology Progress, DOI: 10.1002/btpr.1033
342. **Tsoneva, I.,** Iordanov, I., Berger, A., Tomov, T., **Nikolova, B.,** Mudrov N., Berger, M.. Electrodelivery of poloxamer 188.. Journal of Biomedicine and Biotechnology., 2010, ISI IF:1.225
- I lumupa ce e:
2227. Garnacho, C. Intracellular drug delivery: Mechanisms for cell entry, 22, 9, 1210-1226, 2016., [@2016](#)
2228. Sheng, G., Y Chen, L Han, Y Huang, X Liu, L Li, Z Mao, Encapsulation of Indocyanine Green into Chitosan Nanoparticles for Cancer Therapy, Acta Biomaterialia, 12 July 2016, [@2016](#)
343. Thalhammer, A., Hundertmark, M., **Popova, A.V.**, Secler, R., Hincha, D.K.. Interaction of two intrinsically unstructured proteins (COR15A and COR15B) with lipid membranes in the dry state. BBA-Biomembranes, 1798, 9, 2010, 1812-1820. ISI IF:4.647
- I lumupa ce e:
2229. Eriksson S., Eremina N., Barth A., Danielsson J., Harryson P, 2016, Membrane-induced folding of the heat shock protein Hsp70 in *Arabidopsis*, DOI: 10.1104/pp.15.01531, [@2016](#)
2230. Chen E., Kiebish M. A., McDaniel J., Gao F., Narain N. R., Sarangarajan R., Kacso G., Ravasz D., Seydel, J.U., 2016, Proteomic analysis of the total and mitochondrial lipidome of *Artemia franciscana* encysted embryos, Biochim. Biophys. Acta - Biomembranes, 1858 (1) 1727 – 1735, DOI:10.1016/j.bbapplied.2016.08.007, [@2016](#)
2231. Yu X., Liu Y., Wang S., Ma H., 2016, CarNAC4, a NAC-type chickpea transcription factor conferring salt tolerance in *Arabidopsis*, Plant Cell Reports, 35 (3) 613-627, DOI: 10.1007/s00299-015-1907-5, [@2016](#)
2232. Moore D.S., Hand S.C., 2016, Cryopreservation of lipid bilayers by LEA proteins from *Artemia franciscana*, DOI: 10.1016/j.cryobiol.2016.07.003, [@2016](#)
2233. Wang J., Li Q., Mao X., Li A., Jing R., 2016, Wheat transcription factor TaAREB3 participates in seed development, International Journal of Biological Sciences, 12 (2) 257-269, [@2016](#)
2234. Moore, D.S., Hansen, R., Hand, S.C., 2016, Liposomes with diverse compositions are protected during freezing by LEA proteins from *Artemia franciscana* and trehalose, Biochim. Biophys. Acta - Biomembranes, 1858 (1) 104-115, [@2016](#)
2235. Yu J., Lai Y., Wu X., Wu G., Guo C., 2016, Overexpression of OsEm1 encoding a group I LEA protein improves cold tolerance in rice, Biochim. Biophys. Res. Comm., 478 (2) 703–709., [@2016](#)

Цитира се:

2246. Gong Y, Gao P, Wei L, Dai C, Zhang L, Li Y, (2016 in press), An enhanced adaptive filtering method for artifact, IEEE Transactions on Biomedical Engineering, doi: 10.1109/TBME.2016.2564642, ISSN: 0018-9643
2247. Mi He, Yubao Lu, Lei Zhang, Hehua Zhang, Yushun Gong, Yongqin Li, (2016), Combining Amplitude and Frequency Domains Using Neural Networks Improves Prediction Performance of Defibrillation Outcome for Subsequent Survival, PLOS ONE 11(2): e0149115, pp.1-10, doi: 10.1371/journal.pone.0149115; N34., @2016
2248. Aramendi E, Irusta U, Ayala U, Naas H, Kramer-Johansen J, Eftestøl T, (2016), Filtering mechanical cardiac arrest data, Resuscitation, 98, pp. 41-47, doi:10.1016/j.resuscitation.2015.10.012; N9., @2016
2249. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, Kramer-Johansen J, Eftestøl T, Alonso A, (2016) A Machine Learning Approach for the Detection of Shockable Rhythms in Automated External Defibrillators, PLOS ONE 11(2): e0149115, pp.1-10, doi: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4956226/; N22., @2016
350. **Mladenov I., Hadzhilazova M.**, Djondjorov P., Vassilev V.. On the Plane Curves Whose Curvature Depends on the Position of the Point. Journal of Mathematical Sciences, 1307, 2010, 112-118

Цитира се:

2250. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, Differential Equations and Applications, 97., @2016
351. **Krasteva, N.**, Toromanov, G., **Hristova, K.**, Radeva, E., Altankov, G., Pramatarova, L.. Initial biocompatibility of polymeric films with different wettability. 2010

Цитира се:

2251. Production of a biofunctional titanium surface using plasma electrolytic oxidation and glow-discharge plasma treatment. Journal of Materials Science, 45, 2015, 1000-1007
352. Atanassova, Lilija, **Atanassov, Krassimir**. Intuitionistic Fuzzy Interpretations of Conway's Game of Life. Intuitionistic Fuzzy Applications, Springer Berlin Heidelberg, 2010, 232-239

Цитира се:

2252. Botia Valderrama, Javier Fernando. "Methodology for predicting and/or compensating the behavior of the human heart." Doctorado en Ingeniería Electrónica. http://tesis.udea.edu.co/handle/10495/4326, @2016
353. **Atanassova, Vassia**. Representation of fuzzy and intuitionistic fuzzy data by Radar charts. Notes on Intuitionistic Fuzzy Sciences, 2010, ISSN:Print ISSN 1310-4926, Online ISSN 2367-8283, 21-26

Цитира се:

2253. Ngan, S. C. (2016). An activation detection based similarity measure for intuitionistic fuzzy sets. Expert Systems with Applications, 51, 2016, 18-26
354. **Atanassov, K.**, Dimitrov, D., **Atanassova, V.**. Algorithms for tokens transfer in the different types of intuitionistic fuzzy Petri nets. Information Technologies, 10, 4, 2010, 22-35

Цитира се:

2254. Guo, Y., Meng, X., Wang, D., Meng, T., Liu, S., & He, R. (2016). Comprehensive risk evaluation of long-term geological storage of CO₂ in shale gas reservoirs using a fuzzy Petri net model. Journal of Natural Gas Science and Engineering, 33, 18-29., @2016
355. **Krumova, S. B.**, Laptenok, S., Borst, J.W., Ughy, B., Gombos, Z., Ajlani, G., van Amerongen, H.. Monitoring of the *Escherichia coli* sp. PCC 6803 on a picosecond timescale. Biophysical Journal, 99, 6, 2010, DOI:10.1016/j.bpj.2010.07.015, 200-206

Цитира се:

2255. Nozue S, Mukuno A, Tsuda Y, Shiina T, Terazima M, Kumazaki S, Characterization of thylakoid membrane in green alga with dual-detector fluorescence lifetime imaging microscopy with a systematic change of incident light intensity, *Journal of Photochemistry and Photobiology B*, Issue 1, January 2016, Pages 46–59, [@2016](#)

356. Julien, J.-P., Huarte, N., Maeso, R., **Taneva, S.G.**, Cunningham, A., Nieva, J.L., Pai, E.F.. Ablation of the core domain of the anti-HIV-1 broadly neutralizing antibody 2F5 abrogates neutralizing capacity without affecting core epitope binding. *Journal of Virology*, DOI:10.1128/JVI.02357-09, 4136-4147. ISI IF:5.189

Цитата:

2256. Cinque Soto, Gilad Ofek, M. Gordon Joyce, ..., Developmental Pathway of the MPER-Directed HIV-1 Neutralizing Antibody 2F5. *PLOS ONE*, 11(6):e0157409. DOI:10.1371/journal.pone.0157409, [@2016](#)

357. Fedina, I, Hidema, J, **Velitchkova, M**, Georgieva, K, Nedeva, D. UV-B induced stress responses in three rice cultivars. *Plant Stress*, 2016, 20(6), 571-574. ISI IF:1.849

Цитата:

2257. Jesús Pascual, Sara Alegre, Matthias Nagler, Mónica Escandón, María Luz Annacondia, Wolfram Weisenseel, The variations in the nuclear proteome reveal new transcription factors and mechanisms involved in UV-B stress. *J. Prot.* 2016, 9, 390–400. doi:10.1016/j.jprot.2016.03.003, [@2016](#)

2258. Shi Xin xin, Li Zuo tong, Yang Ke jun, Zhao Chang jiang, Yang Rong bin, Yu Gao bo, Huang Shou guang, Ma Li feng, Fan Bo wen. (2016) Effects of Enhanced Ultraviolet B Irradiation on Photosynthetic Efficiency by Spectroscopy and Spectral analysis. *Journal of Photochemistry and Photobiology B*, 1389-1395., [@2016](#)

2259. Marcia Araujo, Conceicao Santos, Maria Costa, Jose Moutinho-Pereira, Carlos Correia, Maria Celeste Lopes, *UV-B plants to face water deficit and UVB radiation challenges*. *J. Photochem. Photobiol. B*, 162, 278–285. doi: 10.1016/j.jphotobiol.2016.09.016

358. **Vladkova, R.**, Koynova, R., Teuchner, K., Tenchov, B.. Bilayer structural destabilization by low amounts of UV-B radiation. *Biomembranes*, 1798, 8, Elsevier, 2010, ISSN:0005-2736, DOI:10.1016/j.bbamem.2010.05.008, 1586-1592. ISI IF:2.372

Цитата:

2260. Gonzalez A (2016) Environmental, Toxicological, and Evolutionary Influences on Membrane Components. *Environmental Science, Ottawa-Carleton Institute of Biology, Ottawa, Canada*, [@2016](#)

359. **Arabadzhiev T.I., Dimitrov V.G.**, Dimitrova N.A., Dimitrov G.V.. Interpretation of integral or RMS EMG parameters during fatiguing contraction can be misleading. *Journal of Electromyography and Kinesiology*, 20, 2, Elsevier, 2010, ISSN:0960-0959, DOI:10.1016/j.jelekin.2009.01.008, 223-232. ISI IF:2.372

Цитата:

2261. Boone J, Vandekerckhove K, Coomans I, Prieur F, Bourgois JG.: An integrated view on the oxygenation of locomotor and respiratory muscles. *Eur J Appl Physiol*, 2016; doi:10.1007/s00421-016-3468-x., [@2016](#)

2262. Rodriguez-Falces L, Malanda A, Latasa I, Lavilla-Oiz A, Navallas J: Influence of timing variables on muscle activation characteristics, *Journal of Electromyography and Kinesiol*, 2016, 30: 249-262., [@2016](#)

2263. Vandekerckhove K, Coomans I, Moerman A, De Wolf D, Boone J: Characterizing cerebral and locomotor oxygenation exercise in healthy children: relationship with pulmonary gas exchange, *European journal of applied physiology*, 2016, 116(12), 2631-2640.

2264. Chakraborty M, Parbat D: Comparative study of MFDFA technique for isometric and isotonic muscle fatigue. *Recent Advances in Information Technology (RAIT)*, Dhanbad, India, 3-5 March 2016, Proceedings of 3rd International Conference, 2016, 1-4.

2265. Magalhães I, Bottaro M, Mezzarane RA, Neto FR, Rodrigues BA, Ferreira-Júnior JB, Carregaro RL: Kinetics of the heart rate recovery after exercise in physically active young men, *J Electromyogr Kinesiol* 2016, 28: 103-108.

2266. Trezise J, Collier N, Blazevich AJ: Anatomical and neuromuscular variables strongly predict maximum voluntary isometric strength in the knee extensors. *Journal of Electromyography and Kinesiology*, 2016, 26: 103-108.

Physiol 2016, 116(6): 1159-77., **@2016**

2267. Paz GA, DeFreitas J, de Freitas Maia M, Silva J, Lima V, Miranda H: Electromyography Activation of Elastic Band to Stabilize Knee Joint During Multiple Sets With Submaximal Loads, Journal of 0194., **@2016**
2268. Paz G, Maia M, Winchester J, Miranda H: Strength performance parameters and muscle activation adopted between sets, Science & Sports 2016., **@2016**
2269. Vandekerckhove, K., I. Coomans, et al. "Characterizing cerebral and locomotor muscle oxygenation relationship with pulmonary gas exchange." European Journal of Applied Physiology 2016, 116(11): 234
360. Matveev M.. Non-parametric criterion for estimation of the sensitivity of object's features to influences of external factors. Proceedings of the 32nd Intern. Conference on Information Technology Interfaces, IEEE Region 8; Catalog Number: NNU-18-9, ISSN:1330-1012, 569-572

Цитира се в:

2270. Simov D. ECG Changes in Certain Cardiovascular Physiological and Pathological Settings. Impact of Bioautomation, 2016, 20(1), 43-68, **@2016**
361. Staneva G., Chachaty C., Wolf C., Quinn P.J.. Comparison of the liquid-ordered bilayer phases containing cholesterol in Smith-Lemli-Opitz syndrome.. J.Lipid Res, 51, 2010, 1810-1822. ISI IF:6.115

Цитира се в:

2271. Petrov, A.M. , Kasimov, M.R., Zefirov, A.L, Brain cholesterol metabolism and its defects: Linkage to neurological diseases (Review), Acta Naturae Volume 8, Issue 1, 2016, Pages 58-73., **@2016**
2272. Balajthy, A., Somodi, S., Pethő, Z., Péter, M., Varga, Z., Szabó, G.P., Paragh, G., Vigh, L., Panyi, G.: Brain operation contributes to modified T cell function in Smith-Lemli-Opitz syndrome, Pflugers Archiv European Journal of Physiology, 2016, 468(2), August 2016, Pages 1403-1418, **@2016**
2273. ПЕТРОВ А.М., КАСИМОВ М.Р., ЗЕФИРОВ А.Л., Метаболизм холестерина мозга и его нарушения при дисфункцией, Acta Naturae (русскоязычная версия) , Выпуск № 1 (28) / том 8 / 2016, **@2016**
2274. Ana Rute Neves, Cláudia Nunes, Heinz Amenitsch, Salette Reis, Resveratrol Interaction with Lipid Langmuir, DOI: 10.1021/acs.langmuir.6b03591, Publication Date http://pubs.acs.org/doi/abs/10.1021/acs.langmuir.6b03591, **@2016**

362. Atanassov, K.. On index matrices, Part 1: Standard cases. Advanced Studies in Contemporary Mathematics, 2016, 26(2)

Цитира се в:

2275. Fidanova, S., Roeva, O., Mucherino, A., Kapanova, K., Intercriteria analysis of Ant algorithm with environmental constraints, Lecture Notes in Computer Science , including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics, 278., **@2016**
2276. Pencheva, T., Angelova, M., Vassilev, P., Roeva, O., Intercriteria analysis approach to parameter identification, Advances in Intelligent Systems and Computing, 401, pp. 385-397., **@2016**
2277. Roeva, O., Fidanova, S., Paprzycki, M., InterCriteria analysis of ACO and GA hybrid algorithms, 2016, 107-126., **@2016**
2278. Roeva, O., Pencheva, T., Angelova, M., Vassilev, P., InterCriteria analysis by pairs and triples of genetic algorithms, 2016, Studies in Computational Intelligence, 655, pp. 193-218., **@2016**
2279. Roeva, O., Vassilev, P., Angelova, M., Pencheva, T., Su, J., Comparison of different algorithms for Intercriteria analysis, International Conference on Intelligent Systems, IS 2016 - Proceedings, art. no. 7737481, pp. 567-572., **@2016**
2280. Roeva, O., Vassilev, P., Fidanova, S., Paprzycki, M., Intercriteria analysis of genetic algorithms performing multi-objective optimization, 2016, Studies in Computational Intelligence, 655, pp. 193-218., **@2016**

655, pp. 235-260., **@2016**

2281. Roeva, O., Vassilev, P., InterCriteria analysis of generation gap influence on genetic algorithms performance Computing, 401, pp. 301-313., **@2016**
2282. Sharmila, S., Arockiarani, I., A pollution model of the river ganges through inter criteria analysis, 2016, 10 , 2, pp. 81-91., **@2016**
2283. Sotirova, E., Bureva, V., Sotirov, S., A generalized net model for evaluation process using intercriteria Fuzziness and Soft Computing, 332, pp. 389-399., **@2016**
2284. Todorova, L., Vassilev, P., Surchev, J., Using phi coefficient to interpret results obtained by intercriteria and Computing, 401, pp. 231-239., **@2016**
2285. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
2286. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
2287. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**
2288. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of *Lactobacillus* MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.
2289. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
363. Atanassov, K. On index matrices, Part 2: Intuitionistic fuzzy case. Proceedings of the Jangjeon Mathematical Society, 2016.
- Izumupa ce във:
2290. Buvaneswari, R. Advanced theoretical outputs on the aspects of intuitionistic fuzzy graphs. PhD-thesis, Vasavi College, Erode, India, 2016., **@2016**
2291. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
2292. Pencheva, T., Angelova, M., Vassilev, P., Roeva, O., Intercriteria analysis approach to parameter identification Advances in Intelligent Systems and Computing, 401, pp. 385-397., **@2016**
2293. Roeva, O., Fidanova, S., Paprzycki, M., InterCriteria analysis of ACO and GA hybrid algorithms, 2016, 107-126., **@2016**
2294. Roeva, O., Pencheva, T., Angelova, M., Vassilev, P., InterCriteria analysis by pairs and triples of genetic algorithms, 2016, Studies in Computational Intelligence, 655, pp. 193-218., **@2016**
2295. Roeva, O., Vassilev, P., Angelova, M., Pencheva, T., Su, J., Comparison of different algorithms for InterCriteria analysis International Conference on Intelligent Systems, IS 2016 - Proceedings, art. no. 7737481, pp. 567-572., **@2016**
2296. Roeva, O., Vassilev, P., Fidanova, S., Paprzycki, M., InterCriteria analysis of genetic algorithms performance 655, pp. 235-260., **@2016**
2297. Roeva, O., Vassilev, P., InterCriteria analysis of generation gap influence on genetic algorithms performance Computing, 401, pp. 301-313., **@2016**
2298. Sharmila, S., Arockiarani, I., A pollution model of the river ganges through inter criteria analysis, 2016, 10 , 2, pp. 81-91., **@2016**
2299. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**

- 2300.** Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Curd Production of *Candida lactic* MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486
- 2301.** Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgarian Part of the Balkan Peninsula, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**

2011

- 364.** **Pencheva, T.** Generalized Nets Model of Crossover Technique Choice in Genetic Algorithms. Issues in Intelligent Systems and their Applications, ISBN:978-83-61551-05-8, 92-100
Изумруда се в:
- 2302.** Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, Innovative Issues in Computational Intelligence, 2016, 161-215., **@2016**
- 365.** **Atanassov, Krassimir**, Szmida, Eulalia, Kacprzyk, Janusz. On intuitionistic fuzzy multi-dimensional sets. Part I-7
Изумруда се в:
- 2303.** Suseela, P., Shakthiganesan, M., & Vembu, R. k-Intuitionistic fuzzy structures. Notes on Intuitionistic Fuzzy Sets, 2016, Vol. 22, 2016, No. 1, 13–26, **@2016**
- 366.** Velikova, V., Várkonyi, Z., Szabó, M., Maslenkova, L., Nogues, I., Kovács, L., Peeva, V., **Busheva, M.**, thermostability of thylakoid membranes in isoprene-emitting leaves probed with three biophysical techniques. DOI:10.1104/pp.111.182519, 905-916. ISI IF:6.451
Изумруда се в:
- 2304.** Arab L., Kreuzwieser J., Kruse J. Zimmer I., Ache P., Alfarraj S., AL-Rasheid KAS., Schnitzler J-P., Reiter R., Hahn M., Schmid M., Hause D., Stitt G., Hause W., Hause B., Hause A., Hause C., Hause D., Hause E., Lessons to learn from the Date palm (*Phoenix dactylifera*), Environmental and Experimental Botany, 2016, 116, 10.1016/j.envexpbot.2016.01.003, **@2016**
- 2305.** Slot M., Winter K., The Effects of Rising Temperature on the Ecophysiology of Tropical Forest Trees, In: Climate Responses in a Changing Environment, Edition: 1, Chapter: 18, Publisher: Springer International Publishing AG, Cham, Switzerland, pp.385-412, March 2016 DOI: 10.1007/978-3-319-27422-5_18, **@2016**
- 2306.** Mutanda, I., Inafuku, M., Iwasaki, H., Saitoh, S., Fukuta, M., Watanabe, K., Oku, H., Parameterization of the photosynthetic performance of *Casuarina equisetifolia* and *Ficus septica*, Atmospheric Environment (2016), DOI: 10.1016/j.atmosenv.2016.01.030
- 2307.** Ye L., Lv X., Yu H-W., Engineering microbes for isoprene production, Metabolic Engineering, July 2016, 37, 1-10
- 2308.** Yao-Pin Lin, Meng-Chen Wu, Yee-yung Charng, Identification of a Chlorophyll Dephytylase Involved in Chlorophyll Degradation in *Arabidopsis thaliana* Leaf Cells, • December 2016, DOI: 10.1105/tpc.16.00478, **@2016**
- 367.** **Jekova I, Krasteva V, Dotsinsky I, Christov I, Abächerli R.** Recognition of diagnostically useful ECG records by computer. Computers in Cardiology, 38, 2011, 429-432. SJR:0.396
Изумруда се в:
- 2309.** Yun Chen, (2016), Mining Dynamic Recurrences in Nonlinear and Nonstationary Systems for Feature Extraction, PhD Thesis, Department of Industrial and Management Systems Engineering, College of Engineering, University of California, Santa Barbara, USA, Pages; N56., **@2016**
- 2310.** de Garibay VG, Fernández MA, de la Torre-Díez I, López-Coronado M (2016) Utility of a mHealth application for the early detection of cardiovascular diseases in spanish urban and rural areas. J. of Medical Systems, 40, (8), pp. 1-8, <http://link.springer.com/10.1007/s10916-016-0630-0>

368. **Angelova, M., Pencheva, T.**. Tuning Genetic Algorithm Parameters to Improve Convergence Time. Inter DOI:10.1155/2011/646917, SJR:0.204

Цитира се:

2311. Visheratin A. A., M. Melnik, D. Nasonov, Automatic Workflow Scheduling Tuning for Distributed P 388-397., **@2016**
2312. Wari E., W. Zhu, A Survey on Metaheuristics for Optimization in Food Manufacturing Industry, Applied
2313. Mehri S., A. C. Ammari, J. Ben Hadj Slama, H. Rmili, Geometry Optimization Approaches of Indu Powering Of Implantable Biomedical Sensors, Journal of Sensors, 2016, Article number 4869571., **@2016**
2314. Ghovvati M., G. Khayati, H. Attar, A. Vaziri, Kinetic Parameters Estimation of Protease Production Us Algorithm and Particle Swarm Optimization, Biotechnology & Biotechnological 10.1080/13102818.2015.1134279., **@2016**

369. **Popova, A.V.**, Hincha, D.K.. Thermotropic phase behaviour of the non-bilayer lipids phosphatydilethanolamine BMC Biophysics, 2011, ISI IF:1.171

Цитира се:

2315. Aoun B., Pellegrini E., Trapp M., Natali F., Cantù L., Brocca P., Gerelli Y., Demé B., Marek Koza M., elastic incoherent neutron scattering experiments with molecular dynamics simulations of DMPC phase t 10.1140/epje/i2016-16048-y, **@2016**
2316. Peters J., 2016, Direct comparison of elastic incoherent neutron scattering experiments with molecular The European Physical Journal E 39 (4) April 2016, DOI: 10.1140/epje/i2016-16048-y, **@2016**
2317. Owusu-Ware S.K., Chowdhry B., Leharne S. A., Antonijevic M. D., 2016, Phase behaviour of dehy Analysis and Calorimetry, DOI: 10.1007/s10973-016-5957-x, **@2016**
2318. Pentak D., 2016, In vitro spectroscopic study of piperine-encapsulated nanosize liposomes, European Bi

370. **Todinova, S, Krumova, S**, Gartcheva, L., Robeerst, C., **Taneva, S. G.**. Microcalorimetry of blood serum protein myeloma case. Analytical Chemistry, 83, 20, 2011, DOI:10.1021/ac202055m., 7992-7998. ISI IF:5.636

Цитира се:

2319. Garbett N.C., Brock G.N., Differential scanning calorimetry as a complementary diagnostic tool for th ET BIOPHYSICA ACTA-GENERAL SUBJECTS, Volume: 1860 Issue: 5 Pages: 981-989 Special Issue
2320. Tenchov B., Abarova S., Koynova R., Traikov L., Dragomanova S., Tancheva L., A new approach for based on DSC. Journal of Thermal Analysis and Calorimetry, 2016, 1–4, **@2016**
2321. Wu M., Qu F., Zhao Y., Wang J., Su H., Chen C., Zhang C., Guo Y., Zhang P., Ma X., Yang Z., Zhang investigate the antibacterial activities of five fractions from the leaves of Dracontomelon dao on P. aer AND CALORIMETRY, Volume: 123 Issue: 3 Pages: 2367-2376, DOI: 10.1007/s10973-015-4932-2, **@2016**
2322. Moezzi M., Zapf I., Fekcs T., Nedvig K., Lorinczy D., Ferencz A., Influence of oxidative injury and m psoriasis, Journal Thermal Analysis and Calorimetry, J Therm Anal Calorim (2016) 123: 2037. doi:10.1007/s10973-016-4932-2
2323. Michnik A., Polaczek-Greluk K., Staś M., Sadowska-Krepa E., Gibińska J., Drzazzg., Delayed effects Thermal Analysis and Calorimetry, 2016, 126:37, doi:10.1007/s10973-016-5255-7., **@2016**
2324. Keshmiri-Neghab, H, Goliae, B, Saboury, A.A., Moosavi-Movahedi, A.A., Overview on differential s cancers: Brief report, Tehran University Medical Journal, Volume 74, Issue 5, August 2016, Pages 371-3
2325. Ferencz A., Zapf I., Lrinczy D., Harmful effect of neoadjuvant chemotherapy monitoring by DSC on Thermal Analysis and Calorimetry, 2016, 126:55.doi:10.1007/s10973-016-5291-3, **@2016**

2326. Splinter, R; van Herwaarden, AW; Pastorekova, S; Linders, TC; Korse, T; van den Broek, D, Measuring differential scanning calorimetry, THERMOCHIMICA ACTA, Volume: 639 Pages: 76-83, DOI: 10.1016/j.tca.2017.01.016
2327. Kim, NA; Jin, JH; Kim, KH; Lim, DG; Cheong, H; Kim, YH; Ju, W; Kim, SC; Jeong, SH, Investigation of protein unfolding by differential scanning calorimetry using human plasma by differential scanning calorimetry and mass spectrometry, ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION, Volume: 97 Pages: 668-676 DOI: 10.1007/s12272-016-0722-z, @2016
2328. Zapf, I; Moezzi, M; Fekete, T; Nedvig, K; Lorinczy, D; Ferencz, A, Influence of oxidative injury and malnutrition on the thermal stability of proteins in patients, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 123 Issue: 3 Pages: 9-16, DOI: 10.1007/s10914-016-1093-9, @2016

371. **Roeva O.**, Ts. Slavov. Fed-batch Cultivation Control based on Genetic Algorithm PID Controller Tuning. Letters in Biomaterials, 2011, 289-296. SJR:0.308

Цитира се в:

2329. Muthu Subramanian V., Optimal PID Controller Designing for Uncertain Bioreactor Using BFO Algorithm, International Journal of Computer Science and Engineering, 2016, 5(9), 17810-17814, DOI: 10.18535/ijecs/v5i9.01, @2016

372. **Popova, A.V.**, Hundertmark, M., Seckler, R., Hincha, D.K.. Structural transitions in the intrinsically disordered proteins of the plant cell wall are modulated by the presence of membranes. BBA-Biomembranes, 1808, 2011, 1879-1887. ISI IF:3.99

Цитира се в:

2330. Ataei S., Braun V., Challabathula D. Bartels D., 2016, Differences in LEA-like 11-24 gene expression in the leaves of *Linderniaceae* species are due to variations in gene promoter sequences, Functional Plant Biology 43(7) 695-708, DOI: 10.1071/FP15063, @2016
2331. Cuevas-Velazquez, C.L., Saab-Rincón, G., Reyes, J.L., Covarrubias, A.A., 2016, The unstructured LEA protein from *Artemisia annua* L. embryogenesis abundant (LEA) proteins is required for folding and for chaperone-like activity under water stress, Journal of Plant Research 129(10) 10893-10903, @2016
2332. Sieme H., Oldenhof H., Wolkers W.F., 2016, Mode of action of cryoprotectants for sperm preservation, Andrology 6(1) 1-10, DOI: 10.1111/and.12260, @2016
2333. Moore D.S., Hand S.C., 2016, Cryopreservation of lipid bilayers by LEA proteins from *Artemisia annua* L., Journal of Cryobiology 70(1) 10-16, DOI: 10.1016/j.cryobiol.2016.07.003, @2016
2334. van Leeuwen R., Wyatt T.T., van Doorn T., Dijksterhuis J., 2016, Hydrophilins in the filamentous fungus *Aspergillus niger* have protective activity against several types of microbial water stress, Environmental Microbiology Reports 8(12) 2229-22349, DOI: 10.1007/s12530-016-0349-2, @2016
2335. Moore, D.S., Hansen, R., Hand, S.C., 2016, Liposomes with diverse compositions are protected during freezing by the LEA protein from *Artemisia franciscana* and trehalose, Biochim. Biophys. Acta - Biomembranes, 1858 (1) 104-115, DOI: 10.1016/j.bbamem.2016.09.001, @2016

373. Slavov Ts., **Roeva O.**. Genetic Algorithm Tuning of PID Controller in Smith Predictor for Glucose Concentration Control, Letters in Biomaterials, 2011, 101-114. SJR:0.111

Цитира се в:

2336. Muthu Subramanian V., Optimal PID Controller Designing for Uncertain Bioreactor Using BFO Algorithm, International Journal of Computer Science and Engineering, 2016, 5(9), 17810-17814, DOI: 10.18535/ijecs/v5i9.01, @2016

374. **Hristova, K.**, Pecheva, E., Pramatarova, L., Altankov, G.. Improved interaction of osteoblast-like cells with apatite-coated nanotubes, Letters in Biomaterials, 2011, ISSN:09574530, 1891-1900. ISI IF:2.59

Цитира се в:

2337. Nanostructured materials as substrates for the adhesion, growth, and osteogenic differentiation of bone cells, Letters in Biomaterials, 2011, 1891-1900. ISI IF:2.59

375. Vassilev V., Djondjorov P., **Hadzhilazova M.**, **Mladenov I.**. Traveling Wave Solutions of the Gardner Equation, Letters in Biomaterials, 2011, 1901-1908. ISI IF:2.59

mKdV Flow. AIP Conference Proceedings, 1404, 2011, 86-93. SJR:0.16

Izumupa ce e:

2338. Rehman M. and Mishra M., Physics of Plasmas 23: 012302, January 2016, [@2016](#)

2339. Nishiyama H. and Noi T., Comp. Appl. Math., 35, 2016, 75-95 doi: 10.1007/s40314-014-0183-2 (21pp)..

376. Angelova, A., B. Angelov, **R. Mutafchieva**, S. Lesieur, P. Couvreur. Self-Assembled multicompartiment liquid nucleic acid drug delivery. Accounts of Chemical Research, 44, 2, American Chemical Society, 2011, ISSN: 0001-4842, SJR:9.81, ISI IF:22.323

Izumupa ce e:

2340. Darmanin C., S. Sarkar, L. Castelli, C. E. Conn. Effect of Lipidic Cubic Phase Structure on Functionality of Meso Crystallization. Cryst. Growth Des., 16 (9), 2016, 5014–5022. ISSN: 1528-7483, [@2016](#)

2341. Fong W.-K., R. Negrini, J. J. Vallooran, R. Mezzenga, B. J. Boyd. Responsive self-assembled nanomaterials for diagnostics. J. Coll. Interface Sci. 484, 2016, 320–339. ISSN: 0021-9797, [@2016](#)

2342. Lombardo D., P. Calandra, E. Bellocchio, G. Laganà, D. Barreca, S. Magazù, U. Wanderlingh, M. A. Kiselev. PAMAM dendrimers on a model lipid membrane. BBA - Biomembranes, 1858 (11), 2016, 2769–2777.

2343. Ahmadi S., T. Heidelberg. Modelling and molecular dynamics simulation studies on a hexagonal glycan lattice. Royal Society, 2016, 1-10. ISSN: 1735-207X, [@2016](#)

2344. Sagalowicz L., C. Moccand, T. Davidek, R. Ghanbari, I. Martiel, R. Negrini, R. Mezzenga, M. E. Vittimberga. Peptide structures for reactivity control in food. Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 20150136. DOI: 10.1098/rsta.2015.0136. ISSN: 1364–503X, [@2016](#)

2345. Rodrigues L., K. Kyriakos, F. Schneider, H. Dietz, G. Winter, C. M. Papadakis, M. Hubert. Characterization of Vaccine Carriers. Mol. Pharmaceutics. 13 (11), 2016, 3945–3954. ISSN: 1543-8384., [@2016](#)

2346. Rangadurai P., M. R. Molla, P. Prasad, M. Caissy, S. Thayumanavan. Temporal and Triggered Evolution of Polymer Assemblies. J. Am. Chem. Soc., 138 (24), 2016, 7508–7511. ISSN: 0002-7863, [@2016](#)

2347. Guo J., C. M. O'Driscoll, J. D. Holmes, K. Rahme. Bioconjugated Gold Nanoparticles Enhance Cellulose-Based Delivery in Prostate Cancer Cells. International Journal of Pharmaceutics. 509 (1–2), 2016, 16–27. ISSN: 0378-5173

2348. Salim, M., W. F. N. Wan Iskandar, M. Patrick, N. I. Zahid, R. Hashim. Swelling of bicontinuous cubic phase in Langmuir, 32 (22), 216, 5552–5561. ISSN: 0743-7463, [@2016](#)

2349. van 't Hag L., K. Knoblich, S. A. Seabrook, N. M. Kirby, S. T. Mudie, D. Lau, X. Li, S. L. Gras, X. Mu, C. E. Conn. Exploring the in meso crystallization mechanism by characterizing the lipid mesophase of transmembrane α -helical peptide crystals. Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 20150125. DOI: 10.1098/rsta.2015.0125 ISSN: 1364–503X, [@2016](#)

2350. van 't Hag L., H.-H. Shen, T.-W. Lin, S. L. Gras, C. J. Drummond, C. E. Conn. Effect of Lipid-Based Membrane Bilayer Mimetic Lipidic Cubic Phase Using Transmembrane and Lipo-proteins from the Beta-2-microglobulin Family. J. Am. Chem. Soc., 138 (24), 2016, 12442–12452. ISSN: 0743-7463, [@2016](#)

2351. Duttagupta, A. S. , H. M. Chaudhary, K. R. Jadhav, V. J. Kadam. Cubosomes: Innovative Nanostructures. Biomaterials, 2016, 482-493. ISSN 1567-2018, [@2016](#)

2352. Chang, D., A. P. Dabkowska, R. A. Campbell, M. Wadsäter, J. Barauskas, F. Tiberg, T. Nylander. Interaction of gold nanoparticles deposited on anionic and cationic silica surfaces. Physical Chemistry Chemical Physics, 18 (34), 2016, 23520–23527.

2353. Liu Y., S. An, J. Li, Y. Kuang, X. He, Y. Guo, H. Ma, Y. Zhang, B. Ji, C. Jiang. Brain-targeted multifunctional nanoparticles in Alzheimer's disease mice. Biomaterials, 80, 2016, 33-45. ISSN: 0142-9611

2354. Kulkarni, C. V., A. Yaghmur, M. Steinhart, M. Kriechbaum, M. Rappolt. Effect of High Pressure on the

- Synchrotron Small Angle X-ray Scattering (SAXS) Study. *Langmuir*, 32 (45), 2016, 11907–11917. ISSN: 0743-7463., [@2016](#)
2355. Ramezanli, T., B. E. Kilfoyle, Z. Zhang, B. B. Michniak-Kohn. Polymeric Nanospheres for Topical Delivery of Curcumin. *Journal of Nanoparticle Research*, 18 (5), 2016, 516(1), 2016, 196-203. ISSN: 0378-5173., [@2016](#)
2356. Tran, N., N. Bye, B. A. Moffat, D. K. Wright, A. Cuddihy, T. M. Hinton, ... A. M. Turnley. Dual-modality imaging of drug delivery systems: in vitro characterization and in vivo biodistribution. *Materials Science and Engineering: C*, 2016. ISSN: 0928-4931.
2357. Kulkarni, C. V. Lipid Self-Assemblies and Nanostructured Emulsions for Cosmetic Formulations. *Cosmetic and Personal Care*, 2016, 1-10.
2358. Schmiele M. Verunreinigungen in Tripalmitin. Untersuchungen zur Struktur der Stabilisatorschicht mesoskopischen Strukturen in wässrigen Suspensionen mittels Röntgen- und Neutronenkleinwinkelstreuung. Friedrich-Alexander-Universität Erlangen-Nürnberg. 2016, [@2016](#)
2359. Vallooran J. J., S. Handschin, S.M. Pillai, B. N. Vetter, S. Rusch, H.-P. Beck, R. Mezzenga. Lipidic Colloidal Particles for the Detection of Biomarkers, Viruses, Bacteria, and Parasites. *Advanced Functional Materials*, 26 (2), 2016, 1616-301X, [@2016](#)
2360. Báez-Santos, Y. M., A. Otte, E. A. Mun, B. K. Soh, C. G. Song, Y. N. Lee, K. Park. Formulation and characterization of a thermotropic liquid crystalline system based on a mixture of phosphatidylcholine, sorbitan monooleate, and tocopherol acetate for sustained delivery of curcumin. *Journal of Pharmacy and Pharmacology Research*, 514(1), 2016, 314-321. ISSN: 0378-5173, [@2016](#)
2361. Roy B., S. Satpathi, P. Hazra. Topological Influence of Lyotropic Liquid Crystalline Systems on Excitotoxicity. *Journal of Pharmacy and Pharmacology Research*, 514(12), 2016, 3057–3065. ISSN: 0743-7463, [@2016](#)
2362. Che, X., Z. Wang., Y. Liu, Y. Sun, H. Liu. Sustained release of nerve growth factor from highly hydrophilic polymeric nanoparticles: enhanced bioactivity and bioavailability. *RSC Advances*, 6, 2016, 114676-114684. ISSN: 2046-2069, [@2016](#)
2363. Le B.T.C., N. Tran, X. Mulet, D.A. Winkler. Modeling the Influence of Fatty Acid Incorporation on the Structure and Functionality of Lipid-Based Drug Delivery Systems. *Molecular Pharmaceutics*, 13 (3), 2016, 996–1003. ISSN: 1543-8384, [@2016](#)
2364. Tran D. T. Synthesis of porous ZnO based materials using an agarose gel template for H2S desulfurization. *Journal of Pharmacy and Pharmacology Research*, 514(12), 2016, 2046-2069, [@2016](#)
2365. Boge L., H. Bysell, L. Ringstad, D. Wennman, A. Umerska, V. Cassisa, J. Eriksson, M.-L. Joly-Guilloche, C. M. Lundeberg. Lipid Crystals As Carriers for Antimicrobial Peptides: Phase Behavior and Antimicrobial Effect. *Langmuir*, 32 (12), 2016, 7459-7463, [@2016](#)
2366. Hansda C., B. Dutta, U. Chakraborty, T. Singha, S. Arshad Hussain, D. Bhattacharjee, S. Paul, P. Kumar. Electrostatic self-assembled film of azo dye Chromotrope-2R and a polycation. *Journal of Luminescence*, 165, 2016, 10-15.
2367. Kulkarni C. V., Z. Moinuddin, Y. Agarwal. Effect of fullerene on the dispersibility of nanostructured emulsions. *Journal of Colloid and Interface Science*, 480, 2016, 69–75. ISSN: 0021-9797, [@2016](#)
2368. Ramezanpour M., S.S.W. Leung, K.H. Delgado-Magnero, B.Y.M. Bashe, J. Thewalt, D.P. Tielemans. Investigating Nanoparticle-Based Drug Delivery Systems. *Biochimica et Biophysica Acta (BBA) - Biomolecules*, 1858 (1), 2016, 1-10. ISSN: 0005-2736, [@2016](#)
2369. Linkevičiūtė, A., J. Būdienė, E. Naujalis, A. Katelnikovas, J. Barauskas. Characterisation and stability of lipid-based nanoparticles containing curcumin. *European Journal of Lipid Science and Technology*, 2016, DOI: 10.1002/ejlt.20160001.
2370. Kaur H., V. Kumar, K.Kumar, S. Rathor, P. Kumari and J. Singh. Polymer Particulates in Drug Delivery Systems. *Journal of Pharmacy and Pharmacology Research*, 514(12), 2016, 2761-2787. ISSN: 1381-6128, [@2016](#)
2371. Simon L. C., R. W. Stout, C. Sabliov. Bioavailability of Orally Delivered Alpha- tocopherol by Poly(Lactide-co-Glycolide) Chitosan Covered PLGA Nanoparticles in F344 Rats. *Nanobiomedicine*, 3, 2016, 3-8, doi: 10.5772/63303.
2372. Patil-Sen, Y., A. Sadeghpour, M. Rappolt, C. V. Kulkarni. Facile Preparation of Internally Self-assembled Nanoparticles. *Journal of Visualized Experiments*, 108, 2016, e53489. doi:10.3791/53489., [@2016](#)
2373. Sicard F., A. Striolo. Numerical analysis of Pickering emulsion stability: insights from ABMD simulations. *Journal of Non-Newtonian Fluid Mechanics*, 235, 2016, 1359-6640, [@2016](#)

2374. Rueda J. J. H., H. Zhang, M. Rosenthal, M. Möller. Polymerizable wedge-shaped ionic liquid crystals for control of the counterion on the phase structure and conductivity. European Polymer Journal, 81, 2016, 674–685.
2375. Wang D., Y. Cao, M. Cao, Y. Sun, J. Wang, J. Hao. Dual-Responsive Viscoelastic Lyotropic Liquid Crystals and Hydrophobic Molecules. ChemPhysChem, 17 (13), 2016, 2079–2087. ISSN: 1439-7641, [@2016](#)
2376. Malairaman U. Formulation and physicochemical evaluation of nanostructured lipid carrier for codelivery of pharmaceuticals. Journal of Pharmaceutical and Clinical Research, 9 (3), 2016, 249-251. ISSN: 0974-2441, [@2016](#)
377. Todorova, R. Comparative analysis of the methods of drug and protein delivery for the treatment of cancer, general review. Taylor & Francis Informa UK Limited, an Informa Group Company, 2011, ISSN:1071-5583, DOI:10.3109/10717544.2011.600783, 586-598. SJR:0.6, ISI IF:2.558

Цитира се:

2377. Wu J., Zhang E., Fu A., A novel cell-permeable RDP-p53 fusion protein for specific inhibition on the p53 N-terminus. Volume 23, Issue 7, 1 September 2016, Pages 2464-2470. (doi:10.3109/10717544.2015.1013199), [@2016](#)

378. Arregi, I., Falces, J., Banuelos, S., Urbaneja, M.A., Taneva, S.G.. The nuclear transport machinery recognizes the N-terminus of p53. American Chemical Society, 2011, ISSN:Web Edition ISSN: 1520-4995, DOI:10.1021/bi2008867, 7104.

Цитира се:

2378. Kirby TW, Gassman NR, Smith CE, Zhao ML, Horton JK, Wilson SH, London RE, DNA polymerase β: structure at its N-terminus, Nucleic Acids Res. 2016 Dec 11. pii: gkw1257., [@2016](#)

379. Angelov, B., A. Angelova, R. Mutafchieva, S. Lesieur, U. Vainio, V. M. Garamus, G. V. Jensen, J. S. Pedersen. Phase transition in self-assembled lipid nanocarriers. Physical Chemistry Chemical Physics, 13, 8, Royal Society of Chemistry, DOI:10.1039/C0CP01029D, 3073-3081. SJR:1.61, ISI IF:4.493

Цитира се:

2379. Üner M. Characterization and imaging of solid lipid nanoparticles and nanostructured lipid carriers. In: Springer Int'l. Publishing, Switzerland, 2016, 118 -141. ISBN: 978-3-319-15337-7., [@2016](#)

2380. Salim, M., W. F. N. Wan Iskandar, M. Patrick, N. I. Zahid, R. Hashim. Swelling of bicontinuous cubic structures in Langmuir. 32 (22), 2016, 5552–5561. ISSN: 0743-7463, [@2016](#)

2381. Azmi I.D.M. , P.P. Wibroe, L.P. Wu, A.I. Kazem, H. Amenitsch, S.M. Moghimi, A. Yaghmur. A structural study of phospholipid lamellar and non-lamellar liquid crystalline nano-assemblies. J Control Release, 239, 2016, 1-10.

2382. Murphy, T., R. Hayes, S. Imberti, G. G. Warr, R. Atkin . Ionic liquid nanostructure enables alcohol separation. 12797-12809. ISSN 1463-9076, [@2016](#)

2383. Yang N., Z. Yang, M. Held, P. Bonville, P.A. Albouy, R. Lévy, M.P. Pilani. Dispersion of Hydrophobic Surfactants in Ionic Liquids. 10 (2), 2016, 2277–2286. ISSN: 1936-0851, [@2016](#)

2384. Salim M., N. I. Zahid, C. Y. Liew, R. Hashim. Cubosome particles of a novel Guerbet branched chain fatty acid. ISSN: 0267-8292, [@2016](#)

2385. Salim M., N. I. Zahid, C. Yen Liew, R. Hashim. Cubosome particles of a novel Guerbet branched chain fatty acid. ISSN 0267-8292, [@2016](#)

2386. Cherny, A. Y., E. M. Anitas, V. A. Osipov, A. I. Kuklin. Small-angle scattering from the Cantor surface. Physical Chemistry Chemical Physics, 2016, DOI: 10.1039/C6CP07496K . ISSN: 1463-9076, [@2016](#)

2387. Vallduperas M., M. Wiśniewska, M. Ram-On, E. Kesselman, D. Danino, T. Nylander, J. Barauskas. Structure of Aqueous Mixtures of Mono- and Diglycerides. Langmuir, 32 (34), (2016), 8650–8659. ISSN: 0743-7463.

2388. Janich C., S. Taßler, A. Meister, G. Hause, J. Schäfer, U. Bakowsky, G. Brezesinski, C. Wölk. Structure of phospholipid and their lipoplexes. Soft Matter, 12, 2016, 5854-5866. ISSN 1744-683X, [@2016](#)

2389. Gontsarik M., M. T. Buhmann, A. Yaghmur, Q. Ren, K. Maniura-Weber, S. Salentning. Antimicrobial P Crystalline Nanocarriers. *J. Phys. Chem. Lett.*, 7 (17), 2016, 3482–3486. ISSN: 1948-7185, **@2016**

380. **Mladenov I., Hadzhilazova M., Djondjorov P., Vassilev V..** On Some Deformations of the Ca DOI:10.1063/1.3567127, 81-89

Izumupa ce e:

2390. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, Differen 97., **@2016**

381. **Mladenov I., Hadzhilazova M., Djondjorov P., Vassilev V..** On the Generalized Sturmian Spirals. *C. R. Acad.*

Izumupa ce e:

2391. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, Differen 97., **@2016**

382. **Apostolova, E.L., Dobrikova, A.G., Rashkov, G.D., Dankov, K.G., Vladkova, R.S., Misra, A.N..** Prolonged cross-linked matrix to atrazine. *Sensors and Actuators, B: Chemical*, 156, 1, Elsevier, 2011, DOI:10.1016/j.snb.2

Izumupa ce e:

2392. Shaimi R., Low S.C. (2016) Prolonged protein immobilization of biosensor by chemically cross-linked Polymer Engineering, 36(7):655-661., **@2016**

383. Fernandez-Higuero, J.A., Acebron, S.P., **Taneva, S.G.,** Del Castillo, U., Moro, F., Muga, A.. Allosteric commun caseinolytic peptidase B. *Journal of Biological Chemistry*, 286, 29, 2011, DOI:10.1074/jbc.M111.231365, 2554

Izumupa ce e:

2393. Lin, JiaBei; Lucius, Aaron L., Examination of ClpB Quaternary Structure and Linkage to Nucleotide Pages: 1758-1771 Published: MAR 29 2016 DOI:10.1021/acs.biochem.6b00122, **@2016**

384. Georgieva R., Koumanov K., **Momchilova A.,** Tessier C., **Staneva G..** Effect of sphingosine on domain morpho 2011, 502-510. ISI IF:3.02

Izumupa ce e:

2394. Garcia-Arribas, Aritz B.; Alonso, Alicia; Goni, Felix M., Cholesterol interactions with ceramide and s LIPIDS Volume: 199 Special Issue: SI Pages: 26-34 Published: SEP 2016., **@2016**

385. **Vladkova, R., Dobrikova, A.G.,** Singh, R., Misra, A.N., **Apostolova, E..** Photoelectron transport ability of donor SNP: Changes in flash oxygen evolution and chlorophyll fluorescence.. *Nitric Oxide*, 24, 2, Elsevier, IF:3.521

Izumupa ce e:

2395. Amooaghaie R, Roohollahi SH (2016) Effect of sodium nitroprusside on responses of *Melissa officinalis* to stress, *Photosynthetica*, doi: 10.1007/s11099-016-0240-8, in press, **@2016**

2396. Pierattini EC, Francini A, Raffaelli A, Sebastiani L (2016) Morpho-physiological response of *Populus alba* L. of the plant, *Science of The Total Environment* 569-570: 540-547, DOI: 10.1016/j.scitotenv.2016.06.152

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

I lumupa ce e:

2397. de Sousa F.C., Jorge A.R., de Menezes R.R., Torres A.F., Mello C.P., Lima D.B., Borges Nojosa D.M., Bothrops erythromelas (AMARAL, 1923) venom induces apoptosis on renal tubular epithelial cells. *Toxicon*, 10.1016/j.toxicon.2016.04.040, **@2016**
2398. Velez J, Pan R, Lee JT, Enciso L, Suarez M, Duque JE, Jaramillo D, Lopez C, Morales L, Bornmann W, et al. Biguanides sensitize leukemia cells to ABT-737-induced apoptosis by inhibiting mitochondrial electron transport. *Oncotarget*, 51449; DOI:10.18632/oncotarget.9843, **@2016**
2399. Cree SL, Fredericks R, Miller A, Pearce FG, Filichev V, Fee C, Kennedy MA, DNA G-quadruplexes show promise in vitro. *FEBS Lett.* 2016 Sep;590(17):2870-2883, DOI:10.1002/1873-3468.12331, **@2016**

387. Atanassova, V., Fidanova, S., Popchev, I., Chountas, P.. Generalized nets, ACO-algorithms and genetic algorithms. In: Proceedings of the 8th IMACS Seminar on Monte Carlo Methods, August 29–September 2, 2011, Borovets, Bulgaria.

I lumupa ce e:

2400. Tashev, T., Marinov, M., Monov, V., & Tasheva, R. (2016, November). Modeling of the MiMa-algorithm for generalized nets. In Intelligent Systems (IS), 2016 IEEE 8th International Conference on (pp. 593-598). IEEE., **@2016**
388. Velikova, V., Várkonyi, Z., Szabó, M., **Maslenkova, L.**, Nogues, I., Kovács, L., Peeva, V., Busheva, M., et al. Thermostability of thylakoid membranes in isoprene-emitting leaves probed with three biophysical techniques. *Plant Biologists*, 2011, DOI:<http://dx.doi.org/10.1104/pp.111.182519>, 905-916. ISI IF:6.535
- I lumupa ce e:
2401. Vanzo, E., Merl-Pham, J., Velikova, V., Ghirardo, A., Lindermayr, C., Hauck, S. M., ... & Schnitzler, J. P. (2016). Isoprene emission in poplar. *Plant physiology*, pp-01842., **@2016**
2402. Haworth, M., Cosentino, S. L., Marino, G., Brunetti, C., Scordia, D., Testa, G., ... & Centritto, M. (2016). Ecotypes to drought: a common garden study. *GCB Bioenergy.*, **@2016**
2403. O'sullivan, O. S., Heskell, M. A., Reich, P. B., Tjoelker, M. G., Weerasinghe, L. K., Penillard, A., et al. (2016). Isoprene metabolism across biomes. *Global Change Biology.*, **@2016**
2404. Ye, L., Lv, X., & Yu, H. (2016). Engineering microbes for isoprene production. *Metabolic Engineering*, 31, 1-10.
2405. Arab, L., Kreuzwieser, J., Kruse, J., Zimmer, I., Ache, P., Alfarraj, S., ... & Rennenberg, H. (2016). A comparative study of isoprene emission from the date palm (*Phoenix dactylifera*). *Environmental and Experimental Botany*, 125, 20-30., **@2016**
2406. Slot, M., & Winter, K. (2016). The effects of rising temperature on the ecophysiology of tropical forests. Springer International Publishing., **@2016**
2407. Mutanda, I., Saitoh, S., Inafuku, M., Aoyama, H., Takamine, T., Satou, K., ... & Sunagawa, H. (2016). Changes in isoprene emission by the tropical tree *Ficus septica* before and after cold ambient temperature exposure. *Plant Physiology*, 171, 103-114.
2408. Mutanda, I., Inafuku, M., Iwasaki, H., Saitoh, S., Fukuta, M., Watanabe, K., & Oku, H. (2016). Parameterization of isoprene emission from tropical trees *Casuarina equisetifolia* and *Ficus septica*. *Atmospheric Environment*, 141, 287-296., **@2016**
2409. Zenone, T., Hendriks, C., Brilli, F., Fransen, E., Gioli, B., Portillo-Estrada, M., ... & Ceulemans, R. (2016). Isoprene emissions from a poplar plantation and its impact on air quality at the European level. *Scientific Reports*, 6., **@2016**
2410. Lin, Y. P., Wu, M. C., & Charng, Y. Y. (2016). Identification of a Chlorophyll Dephytylase Involved in Isoprene Production. *Plant Cell*, 28(12), 2974-2990., **@2016**
389. Krasteva V, Jekova I, Didon JP. An audiovisual feedback device for compression depth, rate and complete change of respiration during self-training on a manikin. *Physiological Measurement*, 32, 6, 2011, 687-699. ISI IF:1.808

I lumupa ce e:

2411. González-Salvado V, Fernández-Méndez F, Barcala-Furelos R, Peña-Gil C, González-Juanatey JR, R... laypeople in hands-only cardiopulmonary resuscitation. Effect of real-time feedback, *The American Journal of Emergency Medicine*, 33(1), pp. 16-21, doi:10.1016/j.ajem.2016.02.047, ISSN: 0735-6757; N23., **@2016**
2412. Cheung AHW, Chiang VCL, Mok ESB, (2016), The effect of rescuers' body mass index on chest compressions during cardiopulmonary resuscitation, Hong Kong, *Journal of Problem-Based Learning*, vol. 3(1), pp.23-29, ISSN: 2288-8675; N5., **@2016**
2413. Almeida DFS, (2016), Evaluation of skills acquisition using a new tool for CPR self-training, MS Thesis, University of Aveiro, Portugal, <https://repositorio-aberto.up.pt/bitstream/10216/86850/2/161042.pdf>; [Page 52]., **@2016**
2414. Cota MP, Furelos RB, Castro MRG, Gonzalo MTH, Nuñez AR, (2016), PCS, management and learning systems in the field of Information Systems and Technologies (CISTI'2016), 15-18 June 2016, Las Palmas, Spain, doi:10.1109/CISTI.2016.7521401, ISBN: 978-9-8998-4346-2, <http://ieeexplore.ieee.org/document/7521401/>

390. Pick, A., Müller, H., Mayer, R., Haenisch, B., **Pajeva, I.**, Weight, M., Bönisch, H., Müller, C.E., Wiese, M., et al. Inhibitors of Breast Cancer Resistance Protein (BCRP). *Bioorg. Med. Chem.*, 19, 6, 2011, 2090-2102. ISI IF:2.92

Llumupa ce e:

2415. Wu, X; Ma, J; Ye, Y; Lin, G. Transporter modulation by Chinese herbal medicines and its mediated pharmacological effects. *CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES*, 236-253, JUL 15 2016, **@2016**
2416. Li, YQ; Yang, F; Wang, L; Cao, Z; Han, TJ; Duan, ZA; Li, Z; Zhao, WJ. Phosphoramidate protides as potent inhibitors against HepG2 and L-O2 cell lines. *EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY*, 112, 10.1016/j.ejmc.2016.03.030, APR 15 2016., **@2016**
2417. Martínez-Pérez, C., Ward, C., Turnbull, A.K., Mullen, P., Cook, G., Meehan, J., Jarman, E.J., Thomson, P Langdon, S. Antitumour activity of the novel flavonoid Oncamex in preclinical breast cancer models. *BRITISH JOURNAL OF CANCER*, 114(6), 916; 10.1038/bjc.2016.6 APR 13 2016, **@2016**
2418. Fang, YJ; Lu, YL; Zang, XX; Wu, T; Qi, XJ; Pan, SY; Xu, XY. 3D-QSAR and docking studies on the structure-activity relationship of flavonoids. *SCIENTIFIC REPORTS*, 6, art. no. 23634, 2016., **@2016**
2419. Dai, YQ; Ma, T; Ge, M; Li, J; Huo, Q; Li, HM; Zhang, XY; Liu, H; Wu, CZ Enzymatic Synthesis of Glycosyltransferase. *JOURNAL OF THE CHINESE CHEMICAL SOCIETY*, 63 (4):376-378; 10.1002/jccs.20160010, APR 2016.
2420. Shipra Kalra, Kanav Midha, Sarbjit Kaur. Purification of Quercetin by HPLC from green tea leaves and its antioxidant activity. *Journal of Research in Pharmacy and Biotechnology*, 4(2), 2016, 77., **@2016**
2421. Fei, GS; Fan, XF; Ma, HP; Fan, PC; Jia, ZP; Jing, LL. Synthesis of Glycosylated Chrysin Derivatives and Their Anticancer Activities. *ORGANIC COMPOUNDS*, 52 (4):602-610; 10.1007/s10600-016-1721-5 JUL 2016, **@2016**
2422. Ali, W.K., Ihoual, S., Abidli, N. Antioxidant and MDR reversal activity in resistant human ovarian cancer cells located in the North of Algeria (2016) *Der Pharma Chemica*, 8 (12), pp. 215-223, **@2016**
2423. Peña-Solórzano, D., Stark, S. A., König, B., Sierra, C. A. and Ochoa-Puentes, C. ABCG2/BCRP: Specificity and Selectivity of ABCG2/BCRP. *PHARMACEUTICAL RESEARCH*, 33(12), Dec 22. doi: 10.1002/med.21428, **@2016**
2424. Shital Lungare, Keith Hallam, Raj K.S. Badhan, Phytochemical-loaded mesoporous silica nanoparticles for drug delivery. *International Journal of Pharmaceutics*, Volume 513, Issues 1–2, 20 November 2016, Pages 280-293, ISSN 0378-5135.
2425. Yan Li, Jezrael Revalde, James W. Paxton, The effects of dietary and herbal phytochemicals on drug resistance in cancer cells. Available online 13 September 2016, ISSN 0169-409X, **@2016**
2426. P Chakraborty, M Ramakrishnan. Role of P-glycoprotein in Chemotherapeutic Drug Resistance and Mechanisms of Action. *Cancer Cells—A Critical Review*. *Frontiers in Biomedical Sciences*, Vol. 1, No. 2, 2016, pp. 31-38, **@2016**
2427. Yu, J; Zhou, P; Asenso, J; Yang, XD; Wang, C; Wei, W. Advances in plant-based inhibitors of P-glycoprotein. *EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY*, 31 (6):867-881; 10.3109/14756366.2016.1149476 2016, **@2016**
2428. Noora Sjöstedt, Kira Holvikari, Päivi Tammela, and Heidi Kidron. Inhibition of BCRP and MRP2 by natural products. *PHARMACEUTICAL RESEARCH*, 33(12), Dec 22. doi: 10.1002/med.21428, **@2016**

2429. Zeng X, Shi J, Zhao M, Chen Q, Wang L, Jiang H, et al. (2016) Regioselective Glucuronidation of Glucuronidation and Transport in UGT1A9-Overexpressing HeLa Cells. PLoS ONE 11(11): e0166239. doi:10.1371/journal.pone.0166239.
2430. Di, L., Kerns, E.H. Drug-Like Properties: Concepts, Structure Design and Methods from ADME to Toxicity Optimization, pp. 1-560., @2016
2431. Andrade, PB; Grosso, C; Valentao, P; Bernardo, J. Flavonoids in Neurodegeneration: Limitations and Perspectives. MEDICINAL CHEMISTRY, 23 (36):4151-4174; 10.2174/0929867323666160809094934 2016, @2016
391. Krasteva V, Jekova I, Ménétré S, Stoyanov T, Didon JP. Influence of Analysis Duration on the Accuracy of the Determination of Lipoproteins in Human Serum. Journal of Clinical Cardiology, 38, 2011, 537-540
- Цитира се в:
2432. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., @2016
392. Didon JP, Krasteva V, Ménétré S, Stoyanov T, Jekova I. Shock advisory system with minimal delay triggered by gained hands-off time. Resuscitation, 82, Suppl.2, Elsevier, 2011, ISSN:0300-9572, S8-S15. SJR:1.769, ISI IF:4.200
- Цитира се в:
2433. Rad A, Engan K, Katsaggelos A, Kvaløy JT, Wik L, Kramer-Johansen J, Irusta U, Eftestøl T, (2016) A new method for automated detection of shockable rhythms in automated external defibrillators. Resuscitation, vol. 102, pp. 44-50, doi:10.1016/j.resuscitation.2016.01.015, ISSN:0300-9572
2434. Alonso E, Aramendi E, Daya M, Irusta U, Chicote B, Russell J, Tereshchenko L, (2016), Circulation detection impedance acquired by defibrillation pads, Resuscitation, 99, pp.56-62, doi:10.1016/j.resuscitation.2015.09.016
2435. Gong Y, Gao P, Wei L, Dai C, Zhang L, Li Y, (2016 in press), An enhanced adaptive filtering method for artifact, IEEE Transactions on Biomedical Engineering, doi: 10.1109/TBME.2016.2564642, ISSN: 0018-9294
2436. Figuera C, Irusta U, Morgado E, Aramendi E, Ayala U, Wik L, Kramer-Johansen J, Eftestøl T, Alonso E. A New Method for the Detection of Shockable Rhythms in Automated External Defibrillators, PLOS ONE, http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4956226/; N38., @2016
393. Andreeva, A, Apostolova. I, Velitchkova, M. Temperature dependence of resonance Raman spectra of carotenoids. Biomolecular Spectroscopy, 78, 4, 2011, ISSN:1386-1425, DOI:doi:10.1016/j.saa.2010.12.071, 1261-1265. ISI IF:2.03
- Цитира се в:
2437. V. V. Shutova, E. V. Tyutyaev, A. A. Churin, V. Yu. Ponomarev, G. A. Belyakova, G. V. Maksimov (2016) Carotenoids of Cladophora rivularis algae. Biophysics, 61 (4) 601–605., @2016
394. Djondjorov P., Vassilev V., Mladenov I.. Analytic Description and Explicit Parametrisation of the Equilibrium between Hydrostatic Pressure. 53, 2011, 355-364. ISI IF:2.03
- Цитира се в:
2438. Lira S. and Miranda J.: Phys. Rev. E 93, 2016, 013129., @2016
2439. 7. Carvalho, G.: Interfaces elásticas e o surgimento de instabilidades em hidratos de gás. http://repositorio.ufpe.br/handle/123456789/15002, @2016
2440. Dunstan, D., Continuum Modelling of Nanotubes: Collapse Under Pressure, In: Structure and Multiscale Modelling of Nanotubes (Paris), CISM International Centre for Mechanical Sciences, Courses and Lectures vol. 563, pp. 181–190 (Print ISBN: 978-3-7091-1885-6; Series ISSN: 0254-1971), @2016
2441. Asemi K. and Kiani Y.: Int. J. Structural Stability and Dynamics 16, 2016, 1450091, @2016

- 395.** Alves I., **Staneva G.**, Tessier C., Salgado F., Nuss P.. The interaction of antipsychotic drugs with lipids and biophysical methods. BBA, 1808, 8, 2011, 2009-2018. ISI IF:3.868

Цитира се:

- 2442.** Postila, P.A., Vattulainen, I., Rög, T., Selective effect of cell membrane on synaptic neurotransmission Article number 19345, **@2016**

2012

- 396.** **Pehlivanova V., Tsoneva I., Tzoneva R.** Multiple effects of electroporation on the adhesive behavior of International, 2012, ISI IF:1.97

Цитира се:

- 2443.** Rosazza, C., Meglic, S.H., Zumbusch, A., Rols, M.-P., Miklavcic, D. Gene electrotransfer: A mechanism Document was Publish 16, 2, 98-129 Source of the Document Current Gene Therapy, **@2016**

- 2444.** Study of electroporation effect on HT29 cell migration properties Authors of Document M. M. A. Proceedings - 5th IEEE International Conference on Control System, Computing and Engineering Document was Publish Source of the Document Proceedings - 5th IEEE International Conference ICCSCE 2015, **@2016**

- 2445.** Jothi, Vishveswaran, et al. "Electroporation-based Enhanced Anti-Cancer Effect of Veliparib on Tumor Cells Electrostatic Joint Conference, **@2016**

- 2446.** Application of nanoknife ablation in unresectable pancreatic carcinoma: Present situation and prospects, Bing-Bing Cheng, WCJD, 24, 542-548, **@2016**

- 2447.** Different Cell Viability Assays Following Electroporation In Vitro, S Šatkauskas, B Jakštys, P Ruzgys, 11-14, 2016, Ed. Damijan Miklavcic, **@2016**

- 2448.** Effects of Electroporation on Tamoxifen Delivery in Estrogen Receptor Positive (ER+) Human Breast Yagci, M., A. Coskun, A. G. Canseven, Cell Biochem Biophys, **@2016**

- 397.** Slavov, T., **Roeva, O.**. Application of Genetic Algorithm to Tuning a PID Controller for Glucose Concentration ISSN:2224-2678, 223-233. SJR:0.345

Цитира се:

- 2449.** Bulatov Yurii, Kryukov Andrei, Application of the wavelet transform and genetic algorithms for tuning a PID controller. Scintific Journal NGTU, 2016, 63(2), 7-22, ISSN: 1814-1196, DOI: 10.17212/1814-1196-2016-2-7-22,

- 2450.** Zhang J., Design of a new PID controller using predictive functional control optimization for chambal river flow. November 2016, doi: 10.1016/j.isatra.2016.11.006., **@2016**

- 2451.** Yury N. Bulatov, Andrey V. Kryukov APPLICATION OF GENETIC ALGORITHMS FOR SCHEDULING OF DISTRIBUTED GENERATION PLANTS, Information and mathematical technologies in science and education, 0133, **@2016**

- 398.** **Roeva, O.**, S. Fidanova. A Comparison of Genetic Algorithms and Ant Colony Optimization for Modeling of Economic Systems. In: *Advances in Intelligent Systems and Computing*, Vol. 100, Chapter 10, pp. 113-124. Springer, Cham, 2012. ISBN: 978-3-319-0146-8, DOI: 10.1007/978-3-319-0146-8_10

Цитира се:

- 2452.** Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitionistic fuzzy Methodologies, Tools, and Applications, pp. 1125 – 1152, 2016, **@2016**

2453. Javad Payandehpeyman, Gholam Hossein Majzoobi, Reza Bagheri, Determination of the extended Dr optimization method for polypropylene nanocomposites, J Strain Analysis, 1–13, IMechE 2016, DOI: 10.1177/0022276X16670010

399. Angelova Petya, **Momchilova Albena**, **Petkova Diana**, **Staneva Galya**, Pankov Roumen, Kamenov Zdr erythrocyte membrane lipid composition in hypogonadal men.. Aging Male., 15, 3, 2012, DOI:doi: 10.3109/136

Цитира се в:

2454. N. Igbokwe, N. Ojo, I. Igbokwe. Effects of sex and age on the osmotic stability of Sahel goat erythrocyte 22, **@2016**

400. **Jekova I**, **Krasteva V**, **Christov I**, Abacherli R. Threshold-based system for noise detection in multilead ECO Publishing, 2012, ISSN:0967-3334, DOI:<http://dx.doi.org/10.1088/0967-3334/33/9/1463>, 1463-1477. SJR:2.11,

Цитира се в:

2455. Brodnick D, Sra J, (2016), Multi-channel cardiac measurements, European Patent Application EP Application No: EP20140770328; [Citation 4], <http://google.com/patents/EP2967400A4?cl=un>, **@2016**

2456. Nunes D, Leal A, Henriques J, Paiva R, Carvalho P, Teixeira C (2016) An accurate and real-time ECC Engineering in Medicine and Biology Society, 16-
<https://eden.dei.uc.pt/~ruipedro/publications/Conferences/EMBC2016d.pdf>, **@2016**

2457. Gambarotta N, Aletti F, Baselli G, Ferrario M (2016) A review of methods for the signal quality assess pressures derived parameters. Medical & Biological Engineering & Computing, Vol.54 (7), pp. 1025–10 0118, <http://link.springer.com/article/10.1007/s11517-016-1453-5>; N21 ., **@2016**

2458. Nunes DB, (2016), Identification and removal of noise in cardiac signals (CARDIO-NOISE). MS thesis, Coimbra, Portugal, 71
<https://estudogeral.sib.uc.pt/jspui/bitstream/10316/31240/1/Identification%20and%20Removal%20of%20noise%20in%20cardiac%20signals.pdf>

401. **Roeva, O.**, Shanon, A., **Pencheva, T.**. Description of Simple Genetic Algorithm Modifications Using General Intelligent Systems, 2012, ISBN:978-1-4673-2277-5, 178-183

Цитира се в:

2459. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, Innovative Issues Computational Intelligence, 2016, 161-215, **@2016**

402. **Todanova S.**, **Krumova S.**, Kurtev P., Dimitrov V., Djongov L., Dudunkov Z., **Taneva S.G.**. Calorimetry-base patients. Biochimica et Biophysica Acta - General Subjects, 1820, 12, Elsevier, 2012, DOI:10.1016/j.bbagen.20

Цитира се в:

2460. Garbett N.C., Brock G.N., Differential scanning calorimetry as a complementary diagnostic tool for the ET BIOPHYSICA ACTA-GENERAL SUBJECTS Volume: 1860 Issue: 5 Pages: 981-989 Special Issue:

2461. Keshmiri-Neghab, H, Goliae, B, Saboury, A.A., Moosavi-Movahedi, A.A, Overview on differential sc cancers: Brief report, Tehran University Medical Journal, Volume 74, Issue 5, August 2016, Pages 371-3

2462. Michnik A., Polaczek-Grelak K., Staś M., Sadowska-Krepa E., Gibińska J., Drzazg., Delayed effects Thermal Analysis and Calorimetry, 2016, 126:37, doi:10.1007/s10973-016-5255-7., **@2016**

2463. Ferencz A., Zapf I., Lrinczy D., Harmful effect of neoadjuvant chemotherapy monitoring by DSC on Thermal Analysis and Calorimetry, 2016, 126:55, doi:10.1007/s10973-016-5291-3, **@2016**

2464. Splinter, R; van Herwaarden, AW; Pastorekova, S; Linders, TC; Korse, T; van den Broek, D, Measur differential scanning calorimetry, THERMOCHIMICA ACTA, Volume: 639 Pages: 76-83, DOI: 10.1016/j.t

2465. Kim, NA; Jin, JH; Kim, KH; Lim, DG; Cheong, H; Kim, YH; Ju, W; Kim, SC; Jeong, SH, Investigati

403. Atanassov, K. T.. On Intuitionistic Fuzzy Sets Theory. Studies in Fuzziness and Soft Computing, DOI:10.1007/978-3-642-29127-2, 324

Цитира се:

2466. Ciucci, D. (2016). Orthopairs and granular computing. Granular Computing, 1(3), 159-170., @2016

2467. Schuetze, R. (2016). IT Business Service-Level-Management—An Intuitionistic Fuzzy Approach. Representation and Processing (pp. 249-271). Springer International Publishing., @2016

2468. Ren, P., Xu, Z., & Lei, Q. (2016). Simplified interval-valued intuitionistic fuzzy sets with intuitionist Systems, 30(5), 2871-2882., @2016

2469. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, @2016

2470. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486

2471. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the St Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, @2016

2472. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., @2016

2473. Yilmaz, S., Çuvalcioğlu, G. (2016) On intuitionistic fuzzy modal operators. "Notes on Intuitionistic Fuzzy 36, @2016

2474. Riečan, B., Považan, J. (2016) On the embedding of continuous states. "Notes on Intuitionistic Fuzzy 45, @2016

2475. Kutlu, Fatih, A. A. Ramadan, Tunay Bilgin (2016) On compactness in temporal intuitionistic fuzzy Šo Volume 22, 2016, Number 5, pages 46—62., @2016

2476. Aliahmadipour, L., Eslami, E., GHFHC: Generalized Hesitant Fuzzy Hierarchical Clustering Algorithm, 31, 9, pp. 855-871., @2016

2477. Nowak, P., Hryniwicz, O., On generalized versions of central limit theorems for IF-events, 2016, Inform

404. Angelova, M., Atanassov, K., Pencheva, T.. Purposeful Model Parameters Genesis in Simple Genetic Algorithm 64, 2012, ISSN:0898-1221, 221-228. ISI IF:1.747

Цитира се:

2478. Zhou, Y., Yi, W., Gao, L., & Li, X. (2016). Analysis of mutation vectors selection mechanism in differ 912., @2016

405. Parvathi, R., Riecan, B., Atanassov, K.. Properties of some operations defined over intuitionistic fuzzy sets. Note

Цитира се:

2479. Jamkhaneh, E. B. (2016). New Operations over Generalized Interval Valued Intuitionistic Fuzzy Sets 674., @2016

406. Angelova, M., Melo-Pinto, P., Pencheva, T.. Modified Simple Genetic Algorithms Improving Convergence Parameter Identification. WSEAS Transactions on Systems, 11, 7, 2012, ISSN:2224-2678, 256-267. SJR:0.319

Цитира се:

2480. Wari E., W. Zhu, A Survey on Metaheuristics for Optimization in Food Manufacturing Industry, Applied

2481. Balasubramanian V. K., K. Manavalan, Knowledge-based genetic algorithm approach to quantization Turkish Journal of Electrical Engineering & Computer Sciences, 2016, 24(3), 1615-1635 (Accepted/Publ)

407. Hundertmark, M., **Popova, A.V.**, Rausch, S., Seckler, R., Hincha, D.K.. Influence of drying on the secondary proteins. Biochemical and Biophysical Research Communications, 417, 2012, 122-128. ISI IF:2.406

Izumupa ce ε:

2482. Feki K., Brini F., 2016, Role of proteins in alleviating drought stress in plants, in: Water Stress and Cr 176, @2016

2483. Cuevas-Velazquez, C.L., Saab-Rincón, G., Reyes, J.L., Covarrubias, A.A., 2016, The unstructured embryogenesis abundant (LEA) proteins is required for folding and for chaperone-like activity under v (20) 10893-10903, @2016

2484. Cuevas-Velazquez C.L., Saab-Rincón G., Reyes J.L., Covarrubias A.A., 2016, The unstructured Embryogenesis Abundant Proteins (LEA) is required for folding and for chaperone-like activity under http://www.jbc.org/cgi/doi/10.1074/jbc.M116.720318, @2016

2485. Kahse M., 2016, Struktur und Stabilität von Biomolekülen in räumlich einschränkenden Geometrien, PhD

2486. Du, J., Wang, L., Zhang, X., Xiao, X., Wang, F., Lin, P., Bao, F., Hu, Y., He, Y., 2016, Heterologous ex embryogenesis abundant protein (LEA3) genes confers salinity tolerance in Arabidopsis, Journal of Plant

2487. Bedi S., Sengupta S., Ray A., Chaudhuri R.N., 2016, ABI3 mediates dehydration stress recovery response of downstream genes, Plant Science, Available online 7 June 2016, @2016

2488. Sharma A., Kumar D., Kumar S., Rampuria S., Reddy A.R., Kirti P.B., 2016, Ectopic expression of an attenuated peanut, Arachis diogoi confers abiotic stress tolerance in tobacco, PLoS ONE, 11 (3), Article number e01

2489. Ajibola C.F., Fagbemi T.N., Aluka R., 2016, Modulation of the secondary and tertiary structures of A globulins, albumins and protein concentrate by pH and NaCl, Journal of Food Biochemistry, August 2016

408. Georgieva, N., Bryaskova, R., **Tzoneva, R.**. New Polyvinyl alcohol-based hybrid materials for biomedical DOI:10.1016/j.matlet.2012.07.111, 19-22. SJR:0.85, ISI IF:2.489

Izumupa ce ε:

2490. Epoxy Sol-Gel Hybrid Thermosets, A Serra, X Ramis, X Fernández-Francos - Coatings, @2016

2491. 3D Printed PEG-Based Hybrid Nanocomposites Obtained by Sol-Gel Technique A Chiappone, E Interfaces, @2016

2492. A Biomimetic Poly (vinyl alcohol)-Carrageenan Composite Scaffold with Oriented Microarchitecture Biomater. Sci. Eng, @2016

2493. Physico-chemical and mechanical properties and antibacterial activity of silver/poly (vinyl alcohol)/graphene method R Surudžić, A Janković, N Bibić - Composites Part B, @2016

2494. Biological activity of electrochemically synthesized silver doped polyvinyl alcohol/graphene composite Abudabbus, I Jevremović, A Janković - Composites Part B: Engineering, @2016

2495. Electrochemical Production of Polymer Hydrogels with Silver Nanoparticles for Medical Applications a Mišković-Stanković , Chapter in book: Biomedical and Pharmaceutical Applications of Electrochemistry

2496. 166. Multiphase Polymer Systems: Micro-to Nanostructural Evolution in Advanced Technologies, Edited

2497. Graphene Oxide Reinforced Gelatin-poly (vinyl alcohol) Porous Composites for Biomedical Application Materiale Plastice, @2016

- 2498.** Blends based on ionic polysulfones with improved conformational and microstructural characteristics: P. RM Albu, I Stoica, E Avram - Composites Part B: Engineering, **@2016**
- 2499.** Advanced Materials based on Multicomponent Polymeric Systems, in Multiphase Polymer Systems, Advanced Technologies, Teodorescu M., Morariu S., Bercea M., , Editors: Barzic I.A., Ioan S., Taylor &
- 2500.** A Biomimetic Poly (vinyl alcohol)-Carrageenan Composite Scaffold with Oriented Microarchitecture Biomater. Sci. Eng., **@2016**
- 2501.** The effect of graphene loading on mechanical, thermal and biological properties of poly (vinyl alcohol)/ M Mitrić, I Matić- Journal of Industrial and Engineering Chemistry, **@2016**
- 2502.** Rade Surudžić, Ana Janković, Nataša Bibić, Maja Vukašinović-Sekulić, Aleksandra Perić-Grujić, Vesna Rhee. Physico-chemical and mechanical properties and antibacterial activity of silver/poly(vinyl alcohol) by electrochemical method, 2016, Composites Part B: Engineering, 85, 102-112. doi:10.1016/j.compositesb.2016.02.016

409. Ribagin, S., Chakarov, V., Atanassov, K.. Generalized net model of the upper limb vascular system. International Conference, 2012, 229-232

Izumupa ce e:

- 2503.** Stefanova-Pavlova, M., Andonov, V., Tasseva, V., Gateva, A., & Stefanova, E. (2016). Generalized Net Model for People with Diabetes. In Imprecision and Uncertainty in Information Representation and Processing. Springer Publishing., **@2016**

410. Rashkov, G.D., Dobrikova, A.G., Pouneva, I.D., Misra, A.N., Apostolova, E.L.. Sensitivity of Chlorella vulgaris to biological receptor in biosensors. Sensors and Actuators, B: Chemical, 161, 1, Elsevier, 2012, DOI:DOI: 10.1016/j.snb.2011.09.037, IF:4.097

Izumupa ce e:

- 2504.** Chen, X., Y. Pei Y. Effects of sodium pentaborate pentahydrate exposure on Chlorella vulgaris growth. Ecotoxicol. Environ. Safety, 132, 353-359., **@2016**

411. Bortolan G, Christov I. T-wave alternans detection by a combined method of principal component analysis and wavelet transform. J Electrocardiol, 45, 2012, 333-343. SJR:2.11, ISI IF:1.8

Izumupa ce e:

- 2505.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

412. Popova L., Maslenkova L., Ivanova A., Stoynova Z. Role of Salicylic Acid in Alleviating Heavy Metal Stress. In: Plants in the Era of Climate Change eds. Parvaiz Ahmad, M.N.V. Prasad, Springer New York, 2012, DOI:DOI: 10.1007/978-1-4614-2700-0_10

Izumupa ce e:

- 2506.** Jan, S., & Parry, J. A. (2016). Heavy Metal Stress Signalling in Plants. In Approaches to Heavy Metal Stress in Plants. Singapore., **@2016**

- 2507.** Yavas, I., & Unay, A. (2016). EFFECTS OF ZINC AND SALICYLIC ACID ON WHEAT UNDER HEAVY METAL STRESS. Plant Sciences, 26(4), **@2016**

413. Atanassova, Vassia, Sotirov, Sotir. A New Formula for De-i-fuzzification of Intuitionistic Fuzzy Sets. Notes on Intuitionistic Fuzzy Sets, 22(1), 2016, 1-10.

Izumupa ce e:

- 2508.** Radhika, C., R. Parvathi (2016) Defuzzification of intuitionistic fuzzy sets, Notes on Intuitionistic Fuzzy Sets, 22(1), 2016, **@2016**

414. Angelov, B., A. Angelova, V. M. Garamus, M. Drechsler, R. Willumeit, **R. Mutafchieva**, P. Štěpánek, S. Lesi Formation in Cubosome Particles from Unilamellar Nanovesicles. *Langmuir*, 28, 48, American DOI:10.1021/la302721n, 16647-16655. SJR:1.65, ISI IF:4.457

Izumupa ce e:

2509. Mondal S., A. Pan, S. Das, S. P. Moulik, S. Ghosh. The Cholesterol Aided Micelle to Vesicle Transition in Aqueous Medium. *RSC Adv.*, 6, 2016, 26019-26025. ISSN: 2046-2069, **@2016**

2510. Le B.T.C., N. Tran, X. Mulet, D.A. Winkler. Modelling the influence of fatty acid incorporation on delivery systems. *Molecular pharmaceutics*, 13 (3), 2016, 996–1003. ISSN: 1543-8384, **@2016**

2511. Liu Q., Y.-D. Dong, B. J. Boyd. Selective Sequence for the Peptide-Triggered Phase Transition of Lyo (20), 2016, 5155–5161. ISSN: 0743-7463, **@2016**

2512. Kulkarni C. V. , Z. Moinuddin, Y. Agarwal. Effect of fullerene on the dispersibility of nanostructured stabilized emulsions. *J. Colloid and Interface Science*, 480, 2016, 69–75. ISSN: 0021-9797, **@2016**

2513. Oliveira A. C. N., S. S. Nogueira, O. Gonçalves, M. F. Cerqueira, P. Alpuim, J. Tovar, C. Rodriguez-Abreu, C. D. Real Oliveira. Role of counter-ion and helper lipid content in the design and properties of nanocarrier assemblies. *Royal Society of Chemistry Advances*, 6, 2016, 47730-47740. ISSN: ISSN · 2046-2069, **@2016**

2514. Boge L., H. Bysell, L. Ringstad, D. Wennman, A. Umarska, V. Cassis, J. Eriksson, M.-L. Joly-Guillot. Crystals as carriers for antimicrobial peptides: phase behavior and antimicrobial effect. *Langmuir*, 32 (17)

415. **Zhelev, Z.**, Aoki, I., Gadjeva, V., **Nikolova, B.**, Bakalova, R. Tissue redox activity as a sensing platform for Eur. J. Cancer, 49, 2012, 1467-1478. ISI IF:5.417

Izumupa ce e:

2515. Prescott, C., SE Bottle. Biological Relevance of Free Radicals and Nitroxides. *Cell Biochem. Biophys.* doi:10.1007/s12013-016-0100-0

2516. Lewandowski, M., Gwoździński, K., Właściwości fotoochronne i radioochronne nitroksydów o charakterze magnetycznego rezonansu jądrowego (Photoprotective and radioprotective properties of nitroxides and nitrosoxides). Postepy Hig Med Dosw (online); 70: 1101-1111, 2016., **@2016**

2517. Takeshita K., S Okazaki, Y Hirose, Pharmacokinetics of lipophilically different 3-substituted 2, 2, 5, 5-tetrahydropyran-2-ylmethyl radicals used as redox probes in in vivo magnetic resonance studies. *Free Radical Biology and Medicine*, 97, 263-271.

416. Escoffre, J.M., **Nikolova, B.**, Mallet, L., Henri, J., Favard, C., Golzio, M., Teissié, J., **Tsoneva, I.**, Rosenblum, M. Electroporation process: Evidence for the involvement of the plasmid DNA topology. *Curr. Gene Ther.*, 12, 5, 2012, 417-422. ISI IF:2.242

Izumupa ce e:

2518. Rems, L. D. Miklavčič, Tutorial: Electroporation of cells in complex materials and tissue. *J. Appl. Phys.* 107, 031101.

417. **Tzoneva, R.**, Seifert, B., Behl, M., Lendlein, A.. Elastic multiblock copolymers for vascular regeneration: Preparation and characterization. *Polym. Sci. Part A: Polym. Chem.*, 50, 2012, ISSN:1875-8622, DOI:DOI 10.3233/CH-2012-1609, 337-348. ISI IF:2.242

Izumupa ce e:

2519. Responsive Biomaterials: Advances in Materials Based on Shape-Memory Polymers JG Harder, *Advances in Shape-Memory Polymers*, **@2016**

418. Bortolan G, **Christov I**, Simova I, Dimitrov N, **Jekova I**, **Krasteva V**. Clinical characterization by principal components analysis of patients with atrial fibrillation. *Europace*, 39, 2012, 613-616. SJR:0.63

Izumupa ce e:

2520. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. *Cardiovasc Diagn Ther*, 6, 1, 1-10.

419. **Busheva, M., Tzonova, I.**, Stoitchkova, K., Andreeva, A.. Heat-induced reorganization of the structure of ph complex. Journal of photochemistry and photobiology. B, 117, 2012, ISSN:1011-1344, DOI:10.1016/j.jphotobiol.2012.05.011
Цитира се:
2521. Antioxidant response and proteomic modulations in Indian mustard grown under salt stress, , Yousuf P.Y., Ahmad A., Sareer O., Krishnapriya V., Aref I.M. , Iqbal M., Plant Growth Regulation, June 2016, DOI: 10.1007/s10725-016-0182-y, @2016
2522. Interaction between isoprene and ozone fluxes in a poplar plantation and its impact on air quality at the Fransen E., Gioli B., Portillo-Estrada M., Schaap M., Ceulemans R. , Scientific Reports, 6: 32676, September 2016
2523. Yousuf P.Y., Ahmad A., Ganie A.H., Sareer O., Krishnapriya V., Aref I.M. , Iqbal M., Antioxidant response of Indian mustard plants grown under salt stress, Plant Growth Regulation, 2016, 1-20., @2016
420. Marinov P., **Mladenov I.**. A Relation Between the Cylindric Fluid Membranes and the Motions of Planar Curves. SJR:0.438
Цитира се:
2524. Dobrowolski T.: Geometry, Integrability & Quantization, 17 (2016) 182-195, doi:10.7546/giq-17-2016-182
421. **Matveev M, Krasteva V, Jekova I**, Georgiev G, Milanov S, Prokopova R, **Todorova L.** Profile of Autonomic Nervous System Changes in Newborn Infants Considered Ready for Weaning from Mechanical Ventilation. Computing in Cardiology, 39, 2012, 625-628. SJR:0.302
Цитира се:
2525. Simov D, (2016), Electrocardiographic Changes in Certain Cardiovascular Physiological and Pathological Conditions after Heart Transplantation and Coronary Artery Bypass Grafting, Internat. J. Bioautomation, 20(1), pp. 43-68, ISSN: 1314-1902; N59., @2016
422. **Nikolova, B., Georgieva, M., Savu, D., Tsoneva, I.**. Cell membrane alteration by weak alternating electric fields. 2012, 1046-1052. ISI IF:1.123
Цитира се:
2526. Henríquez, F., Jerez-Hanckes, C., Altermatt, F. Boundary integral formulation and semi-implicit scheme for the simulation of the effect of weak alternating electric fields on the heart. Numer. Math. doi:10.1007/s00211-016-0835-9, 2016, @2016
423. **Stepanova D**, Kruste SM, Negrev N. Mechanisms defining the action potential abnormalities in simulated and real heart tissue. In: Mathematical Modelling in Medicine and Biology. Springer, Cham, Switzerland, 2012, 137-154. Imperial College Press, 2012, ISSN:0219-6352, 137-154. ISI IF:1.121
Цитира се:
2527. A.P.K Linge: The dietary ionic effects on sex ratios in animal models and its use in the prevention of breast cancer. University, South Africa, @2016
424. Odjakova, M., Popova, E., **Al Sharif, M.**, Mironova, R. „Plant-Derived Agents with Anti-Glycation Activity“ (Ed. Petrescu), InTech, 2012, 223-256 (ISBN: 978-953-51-0771-2; DOI: 10.5772/48186). 2012, ISBN:978-953-51-0771-2
Цитира се:
2528. Nancy, P., Ashlesha, V. (2016). Pharmacognostic and phytochemical studies of Cassia absus seed extract. Journal of Pharmaceutical Sciences, 8 (1), 325-332, @2016
2529. West BJ, Deng S, Uwaya A, Isami F, Abe Y, Yamagishi SI, Jensen CJ. (2016) Iridoids are natural glycanase inhibitors. PubMed PMID: 27306206., @2016
2530. Jagdale AD, Bavkar LN, More TA, Joglekar MM, Arvindekar AU. Strong inhibition of the polyol pathway by cassia seed extract. Journal of Pharmacy and Pharmacology, 58 (1), 10-15, @2016

to rapid establishment of secondary complications in diabetes mellitus. *J Diabetes* 2016; 10:1016/j.jdiacomp.2016.01.001. Epub 2016 Jan 6. PubMed PMID: 26896333., **@2016**

425. **Lessigiarska, I., Pajeva, I.**, Prodanova, P., Georgieva, M., Bijev, A.. Structure-activity relationships of pyridine-2,4-dione substituted 2-(4-chloroquinolin-4-yl)arylhyclazones. *MEDICINAL CHEMISTRY*, 8, 3, 2012, 462-473. ISI IF:1.373

Цитира се:

2531. Pedro Henrique de Azambuja Carvalho , Auri Rocha Duval , Fabio Renato Manzolli Leite , Fernanda Chloroquinolin-4-yl)arylhyclazones: Candida albicans enzymatic repression and cytotoxicity evaluation AND MEDICINAL CHEMISTRY, 31 (1):126-131; 10.3109/14756366.2015.1010527 JAN 2 2016, **@2016**
2532. Desai V, Gawandi S. SYNTHESIS OF NEW 2, 4 – DINITRO PHENYL HYDRAZONE DERIVATIVES EVALUATION. *IAJPR*. 2016; 6(3): 4779-4786., **@2016**
2533. De Azambuja Carvalho, P.H., Duval, A.R., Manzolli Leite, F.R., Nedel, F., Cunico, W., Lund, R. candida albicans enzymatic repression and cytotoxicity evaluation, Part 2(2016) Journal of Enzyme Inhibition and Reaction Chemistry Letters, 27(2016), 129-131, **@2016**
2534. Violina T. Angelova, Violeta Valcheva, Nikolay G. Vassilev, Rosen Buyukliev, Georgi Momekov, Ivan Shivachev, Antimycobacterial activity of novel hydrazide-hydrazone derivatives with 2H-chromene core. *Chemistry Letters*, Available online 25 November 2016, ISSN 0960-894X, <http://dx.doi.org/10.1016/j.bmcl.2016.10.030>, **@2016**

426. Mladenova C., **Mladenov I.**. About Parametric Representations of SO(n) Matrices and Plane Rotations. *AIP Conference Proceedings*, 1750, 020001, 2016, 1-10, DOI: 10.1063/1.4939030

Цитира се:

2535. Zhang S., C.-W. Bao and H.-B. Shen, *Int. J. Adv.Comp. Res.*, Vol 6(25), 146-152, **@2016**

427. **Roeva, O.**, Slavov, T.. Firefly algorithm tuning of PID controller for glucose concentration control during E. coli growth. *Proceedings of the 2012 IEEE International Conference on Computer Science and Information Systems*, 2012, ISBN:978-1-4673-0708-6, 455-462

Цитира се:

2536. Herlambang Setiadi, Karl O Jones, Power System Design using Firefly Algorithm for Dynamic Stabilization of Power System. *Journal of Electrical Engineering and Computer Science*, Vol. 1, No. 3, 2016, pp. 446-455, **@2016**
2537. Jacek M. Czerniak, Dawid Ewald, Grzegorz Śmigielski, Wojciech T. Dobrosielski, Łukasz Apiecionek, Water Capsule Flights of a Helicopter, Recent Advances in Computational Optimization, Studies in Computational Intelligence, 2016, 63, 10.1007/978-3-319-40132-4_3, **@2016**
2538. Muthu Subramanian V., Optimal PID Controller Designing for Uncertain Bioreactor Using BFO Algorithm. *Journal of Electrical Engineering and Computer Science*, 2016, 5(9), 17810-17814, DOI: 10.18535/ijecs/v5i9.01, **@2016**
2539. Hyreil Anuar Kasdirin, Adaptive bio-inspired firefly and invasive weed algorithms for global optimisation. *Ph.D. Thesis*, Doctor of Philosophy, The University of Sheffield, 2016, **@2016**

428. **Pencheva, T.**, Lagorce, D., **Pajeva, I.**, Villoutreix, B. O., Miteva, M. A.. AMMOS Software: Method and Application. *Methods in Molecular Biology*, 2012, Vol. 819 of Methods in Molecular Biology, 2012, ISBN:978-1-61779-464-3, 127-141. SJR:0.691

Цитира се:

2540. Mueller, C., Samoo, A., Hammoudi, P.-M., Klages, N., Kallio, J.P., Kursula, I., Soldati-Favre, D. Structure of the armadillo repeats only protein. (2016) *Journal of Cell Science*, 129 (5), pp. 1031-1045, **@2016**

429. **Christov I**, Bortolan G, Simova I, Katova T. T wave and QRS complex alternans during stress ECG testing in patients with diabetes mellitus. *Journal of Endocrinology and Metabolism*, 2, 1, 2012, 32-38

Цитира се:

- 2541.** Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

2013

- 430.** Pajeva, I., Sterz, K., Steggemann, K., Marighetti, F., Christlieb, M., Wiese, M.. Interactions of the multidrug resistance protein 1 with their analogs with P-glycoprotein. ChemMedChem., 8, 10, 2013, 1701-1813. ISI IF:3.046

Izumupa ce e:

- 2542.** Shayanfar, S., Shayanfar, A., Ghandadi, M. Image-Based Analysis to Predict the Activity of Tariquidar. Importance of External Validation. Archiv der Pharmazie, 349 (2), pp. 124-131, Feb 2016, **@2016**

- 2543.** Yang, J., Cheng, L.-F., Yang, S., Hu, Q., Zhang, J., Xu, L., Chen, D.-W. Reversal of breast cancer resistance to Elacridar co-delivery nanoparticle (2016) Chinese Pharmaceutical Journal, 51 (5), pp. 379-385, **@2016**

- 2544.** Sung-Han Hsiao, Yu-Jen Lu, Yan-Qing Li, Yang-Hui Huang, Chia-Hung Hsieh, and Chung-Pu W. On the Role of Multidrug Resistance-Linked ATP-Binding Cassette Transporter ABCB1 in Vitro. Molecular Pharmacology, 87 (2), 2015, 201-208, **@2015**

- 2545.** Cédric Orelle, Jean-Michel Jault. Structures and Transport Mechanisms of the ABC Efflux Pumps in Gram-Negative Bacteria. (Eds. Xian-Zhi Li, Christopher A. Elkins, Helen I. Zgurskaya), Springer International Publishing AG, 2016, 1-200, **@2016**

- 2546.** Li J, Liu Y, Zhang J, Yu X, Wang X, Zhao L. Effects of resveratrol on P-glycoprotein and cytochrome P450 3A4 and saquinavir in rats. Drug Design, Development and Therapy. 2016;10:3699-3706. doi:10.2147/DDDT.S111036

- 2547.** Jenny L. Pokorny, Gaspar J. Kitange, Daniel J. Ma. Small-Molecule Inhibitors in Glioblastoma: Key Pathways and Targeted Therapies Against Adult Brain Cancers. In: Resistance to Targeted Anti-Cancer Therapeutics. Springer US, New York, NY, USA, 2016, 1-16, **@2016**

- 431.** Szalontai, B., Nagy, G., **Krumova, S. B.**, Fodor, E., Páli, T., **Taneva, S. G.**, Garab, G., Peters, J., Dér, A.. Hofmeyr, G.J. Biophysica Acta - General Subjects, 1830, 10, 2013, ISSN:03044165, DOI:10.1016/j.bbagen.2013.05.036, 4564-4573, **@2013**

Izumupa ce e:

- 2548.** Hua Zhao, Protein Stabilization and Enzyme Activation in Ionic Liquids: Specific Ion Effects, Journal of Chemical Technology and Metallurgy, 2016, 25–50. DOI: 10.1002/jctb.4837, **@2016**

- 432.** Ribagin, S., Andonov, V., Chakarov, V.. Possible applications of generalized nets with characteristics of the parallelism. Proceedings of the International Workshop on Generalized Nets, 2013, 56-64

Izumupa ce e:

- 2549.** Generalized Nets in Medicine: An Example of Telemedicine for people with Diabetes, **@2016**

- 2550.** Modifications of the Algorithms for transition Functioning in GNs, GNCP, IFGNCP1 and EFGNCP3 which are used in medicine. **@2016**

- 433.** **Krumova, S.**, Zhiponova, M., Dankov, K., Velikova, V., Balashev, K., **Andreeva, T.**, Russinova, E., Tsvetkov, R. The membrane architecture and the photosystem II function. Journal of Photochemistry and Photobiology B: Photochemistry and Photobiology, 123, 2013, 97-104. DOI:<http://dx.doi.org/10.1016/j.jphotobiol.2013.07.008>, SJR:0.721, ISI IF:2.803

Izumupa ce e:

- 2551.** Li, XJ; Guo, X; Zhou, YH; Shi, K; Zhou, J; Yu, JQ; Xia, XJ, Overexpression of a brassinosteroid biosynthesis capacity through activation of Calvin cycle enzymes in tomato, BMC PLANT BIOLOGY, Volume: 16, Issue: 1, 0715-6, **@2016**

- 2552.** Abros'kin, DP; Fuentes, M; Garcia-Mina, JM; Klyain, OI; Senik, SV; Volkov, DS; Perminova, IV; Kulikova, N. A. 49 Issue: 10 Pages: 1099-1108 DOI: 10.1134/S1064229316100021, **@2016**

434. Parvathi, R., Malathi, C., Akram, M., **Atanassov, K. T.**. Intuitionistic fuzzy linear regression analysis. Fuzzy Op 229
- Llumupa ce e:
2553. Song, Y., Wang, X., Wu, W., Lei, L., & Quan, W. (2016). Uncertainty measure for Atanassov's 18., **@2016**
2554. Wang, Z. G., Wang, S. Z., Feng, W. L., & Fu, Y. P. (2016, June). The Study on Estimation of Unk Information System and Artificial Intelligence (ISAI), 2016 International Conference on (pp. 503-508). I
2555. Arefi, M., Clustering regression based on interval-valued fuzzy outputs and interval-valued fuzzy pa Systems, 30 , 3, pp. 1339-1351., **@2016**
2556. Butt, M.A., Akram, M., A new intuitionistic fuzzy rule-based decision-making system for an operating s art. no. 1547., **@2016**
2557. Gu, C.-L., Wang, W., Wei, H.-Y., Regression analysis model based on normal fuzzy numbers, 2016, Ad pp. 487-504., **@2016**
2558. Kahraman, C., Öztayş, B., Çevik Onar, S., A Comprehensive Literature Review of 50 Years of I Computational Intelligence Systems, 9, pp. 3-24., **@2016**
2559. Myithili, K.K., Parvathi, R., Akram, M., Certain types of intuitionistic fuzzy directed hypergraphs, 20 Cybernetics, 7, 2, pp. 287-295., **@2016**
2560. Rashmanlou, H., Borzooei, R.A., New concepts of interval-valued intuitionistic, S, T, -fuzzy graphs, 201 pp. 1893-1901., **@2016**
2561. Zhang, Q.-L., Liu, Q., Zhao, J.-W., Study on the parameters prediction model of flocculating sediment Xuebao/Journal of Northeastern University, 37, 6, pp. 875-879., **@2016**
435. **Atanassov, K. T.**, Szmidt, E, Kacprzyk, J.. On intuitionistic fuzzy pairs. Notes on Intuitionistic Fuzzy Sets, 19, 3
- Llumupa ce e:
2562. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the St Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**
2563. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
2564. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486
2565. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Pr Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
436. **Roeva, O.**, S. Fidanova, M. Paprzycki. Influence of the population size on the genetic algorithm performance in Federated Conference on Computer Science and Information Systems, 2013, ISBN:978-146734471-5, 371-376
- Llumupa ce e:
2566. Moharam R., E. Morsy, I. A. Ismail, Genetic Algorithms for the Tree T-Spanner Problem, Advances in I 437-44, **@2016**
2567. Nasser A. B., Y. A. Sariera, A. A. Alsewari, K. Z. Zamli, Assessing Optimization Based Strategies for based Strategy, Proceedings - 5th IEEE International Conference on Control System, Computing and E pp. 150-155. (2015 IEEE International Conference on Control System, Computing and Engineering, 2 4799-8251-6/15, **@2016**

2568. Aidin Delgoshaei, Masih Parvin, Mohd Khairol Anuar Ariffin, Evaluating impact of market changes on manufacturing systems using a hybrid Tabu search and simulated annealing algorithms, *Decision Sciences*
2569. Paulo P., F. Branco, J. de Brito, A. Silva, BuildingsLife – The use of genetic algorithms for maintenance, Vol. 121, 10 May 2016, Pages 84-98, [@2016](#)
2570. Nafrizuan Mat Yahya, M. Osman Tokhi, Hyreil Anuar Kasdirin, A new bats echolocation-based algorithm for optimization problems, *Studies in Computational Intelligence*, pp 1-20, 2016, [@2016](#)
2571. Weise T., Y. Wu, R. Chiong, K. Tang, J. Lässig, Global vs. local search - the impact of population sizes, *Global Optimization*, 1-24, DOI 10.1007/s10898-016-0417-5, 2016, [@2016](#)
2572. Kelly K., A. Usoro, An Experimentation of the Use of Oracle PL/SQL with Genetic Algorithms for Business Intelligence, Vol. 20, No. 1, 2016, 1-9, [@2016](#)
2573. Riham Moharam, Ehab Morsy, Genetic Algorithms for Constrained Tree Problems, DOI: 10.1007/978-3-319-27030-0_13, *Computational Optimization, Studies in Computational Intelligence*, Vol. 655, 2016, pp. 219-233, [@2016](#)
2574. Chieng Hock Hung, A Genetic Simplified Swarm Algorithm for Optimizing n-Cities Open Loop Trajectories, *Journal of Intelligent & Robotic Systems*, 2016, DOI: 10.1007/s10846-016-0660-2, [@2016](#)
2575. Ivan Garcia Kerdan, Rokia Raslan, Paul Ruyssevelt, An exergy-based multi-objective optimisation model for buildings, *Energy*, June 2016, DOI: 10.1016/j.energy.2016.06.041, [@2016](#)
2576. Yousif H. Al-Aqeeli, T. S. Lee, S. Abd Aziz, Enhanced genetic algorithm optimization model for a wind power generation: case study of Mosul reservoir, northern Iraq, *SpringerPlus (2016) 5:797*, DOI 10.1186/s40064-016-1970-0, [@2016](#)
2577. S.M. Saleh, K.H. Ibrahim, M.B. Magdi EitebaFayoum, Study of genetic algorithm performance through varying nonlinear loads, *Applied Soft Computing*, 48, 2016, 535-545, [@2016](#)
2578. Houshyar Asadi, Shady Mohamed, Chee Peng Lim, and Saeid Nahavandi, Robust Optimal Motion Control Using a Regulator Method and a Genetic Algorithm, *IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS PART C*, 2016, doi: 10.1109/TSMC.2016.2523906, [@2016](#)
2579. Anvari B., P. Angeloudis, W.Y. Ochieng, A multi-objective GA-based optimisation for holistic Manufacturing and construction, *Automation in Construction*, 71, 2016, 226-241, [@2016](#)
2580. Rustell M., Knowledge Extraction and the Development of a Decision Support System for the Conceptual Design Under Risk and Uncertainty, PhD Thesis, University of Surrey, HR Wallingford, 2016., [@2016](#)
2581. Najem, M., Benoit, P., El Ahmad, M., Sassatelli, G., Torres, L., A Design-Time Method for Building Energy Efficient Residential Buildings, *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, Volume PP, Issue 99, 2016, DOI: 10.1109/TCD.2016.2523906, [@2016](#)
2582. M. Jafari and S.A. Mahmodzade Hoseyni, Optimization of infinite orthotropic plates with hypotrochoidal algorithm, *Journal of Reinforced Plastics and Composites*, 0(0) 1–17, 2016, DOI: 10.1177/0731684416670001001, [@2016](#)
2583. Po-Hsu Chen, Modeling Multivariate Simulator Outputs with Applications to Prediction and Sequential Inference, *Journal of Statistical Theory and Applications*, 15(1), 2016, 1-16, [@2016](#)
2584. Riham Moharam, Ehab Morsy, Genetic algorithms to balanced tree structures in graphs, *Swarm and Evolutionary Computation*, 29, 2016, 1-10, [@2016](#)
2585. Wawrzynczak, A., Jaroszynski, M., Borysiewicz, M., Bayesian-based approach to application of the genetic algorithm for identification of a contamination source, *Studies in Computational Intelligence*, Volume 610, 2016, Pages 225-244, DOI: 10.1007/978-3-319-27030-0_13, [@2016](#)
2586. Aidin Delgoshaei, Chandima Gomes, A Multi-Layer Perceptron for Scheduling Cellular Manufacturing Cells with Uncertain Cost, *Applied Soft Computing*, Volume 49, December 2016, Pages 27–55, [@2016](#)
2587. Derek Johnson, Robert Heltzel, Andrew Nix & Rebekah Barrow (2016): Development of Engine Activities for Natural Gas Well Development, *Journal of the Air & Waste Management Association*, DOI: 10.1080/10962409.2016.1170000, [@2016](#)
2588. LAZUNIN, Vladimir, Real-time and Efficient Rendering of Deformable Bodies, PhD Thesis, Hosei University, 2016, [@2016](#)

437. **Popova, A.V.**, Andreeva, A.. Carotenoid-Lipid Interactions. Advances in Planar Lipid Bilayers and Liposomes, *Цитупа ce в:*
2589. Hu H., He J., Liu J., Yu H., Tang J., Zhang J., 2016, Role of N-acyl-homoserine lactone (AHL) based media in wastewater treatment process, RSC Adv., 6, 11128-11139, DOI: 10.1039/C5RA23466B, **@2016**
2590. Lee J.J.L., Chen W.W.N., 2016, The Production, Regulation and Extraction of Carotenoids from Rhodotorula Genetic Medicine, 10:2, **@2016**
438. **Christov I**, Bortolan G, Simova I. Load dependent changes of cardiac depolarization and repolarization during exercise. *Int. J. Bioautomation*, 2013, 547-550. SJR:0.63
Цитупа ce в:
2591. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. *Int. J. of Bioautomation*, 20, (1), pp., **@2016**
439. **Pencheva, T., Angelova, M., Atanassov, K.**. Genetic Algorithms Quality Assessment Implementing Intuitionistic Fuzzy Logic. In: *Intuitionistic Soft Computing Intelligent Algorithms: Theory and Practical Applications*, IGI Global, Hershey, Pennsylvania, USA, DOI:10.4018/978-1-4666-4450-2, 327-354
Цитупа ce в:
2592. Ter-Sarkisov A., S. Marsland, K-Bit-Swap: A New Operator for Real-Coded Evolutionary Algorithms, *Int. J. Bioautomation*, 2016, 2170-6., **@2016**
440. **Roeva, O.**, Michalikova, A.. Generalized net model of intuitionistic fuzzy logic control of genetic algorithm parameters. *Int. J. Bioautomation*, 2013, 71-76
Цитупа ce в:
2593. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: *Innovative Tools and Methods for Data Mining*, Springer series Studies in Computational Intelligence pp 161-215, 2016, **@2016**
441. **Roeva, O.**, S. Fidanova. Hybrid bat algorithm for parameter identification of an *E. coli* cultivation process model. *Int. J. Bioautomation*, 2013, 27, 6, Taylor & Francis, 2013, ISSN:1310-2818, 4323-4326. ISI IF:0.3
Цитупа ce в:
2594. Saima Dhouib, Souhail Dhouib, Habib Chabchoub, Enriched artificial bee colony metaheuristic for hybrid optimization problems, *International Journal of Metaheuristics*, Volume 5, Issue 3-4, DOI: 10.1504/IJMHEUR.2016.080300
442. **Atanassov, Krassimir**. Pulsating Fibonacci sequences. 19, 3, 2013, 12-14
Цитупа ce в:
2595. Bhatnagar, S., & Sikhwal, O. (2016). Additive Pulsating Fibonacci Sequences and Some Results. *SCIENTIA MATHEMATICA JAGUAR*, 2016, October 2016, 149-160, **@2016**
2596. Suvarnamani, A., & Tatong, M. (2016). Multiplicative Pulsating 3-Fibonacci Sequence. *Math Journal of the University of Malaya*, 61(688), 15-25., **@2016**
2597. Suvarnamani, Alongkot, and Sakunna Koyram. "Multiplicative Pulsated Fibonacci Sequences Part 2". *Journal of Number Theory and Mathematical Sciences*, 2015, 6(1), 89-93., **@2016**
443. **Christov I**, Simova I, Abächerli R. Cancellation of the maternal and extraction of the fetal ECG in noninvasive monitoring of the fetus. *Int. J. Bioautomation*, 2013, 153-156. SJR:0.63

Цитира се:

2598. Kumar P, Sharma SK, Prasad S (2016) Detection of fetal electrocardiogram through OFDM, neuro-fuzzy Conf. on Intelligent Systems and Control, 7-8 Jan., Coimbatore, India, art. Number 7726970, 3 pages., @
2599. Kumar P, Sharma SK, Prasad S (2016) CAD for detection of fetal electrocardiogram through neuro-fuzzy Computational Intelligence and communication Technology, 12-13 Febr., Ghaziabad, India, pp 578-590,
2600. Behar J, Andreotti F, Zaunseder S, Oster J, Clifford G D (2016) A practical guide to non-invasive Physiological measurement, 37(5), R1-R35., @2016
2601. Kumar P, Sharma SK, Prasad S (2016) CAD for detection of fetal electrocardiogram by using wavelet Engineering Research, 11, (4), pp. 2321-2326., @2016

444. Roeva O.. A comparison of simulated annealing and genetic algorithm approaches for cultivation model identification. 2013, ISSN:0929-9629, 193-201

Цитира се:

2602. Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitionistic Methodologies, Tools, and Applications, pp. 1125 – 1152, 2016, @2016
445. Roeva O., Slavov T.. A New Hybrid GA-FA Tuning of PID Controller for Glucose Concentration Control. Studia Biologica, 2013, ISSN:18609503, 155-168. SJR:0.211

Цитира се:

2603. Muthu Subramanian V., Optimal PID Controller Designing for Uncertain Bioreactor Using BFO Algorithm. Computer Science and Engineering, 2016, 5(9), 17810-17814, DOI: 10.18535/ijecs/v5i9.01, @2016
446. SASHEVA , P., YORDANOVA R, Janda T., Szalai G., Maslenkova L.. STUDY OF PRIMARY PHOTOSYNTHETIC CULTIVARS AFTER COLD HARDENING AND FREEZING. EFFECT OF SALICYLIC ACID. Bulgarian Academy of Sciences, 2013, 45-48

Цитира се:

2604. Gawronska, K., & Gołębiewska-Pikania, G. (2016). The effects of cold-hardening and Microdochium nivale protection of the two contrasting genotypes of winter triticale. European Food Research and Technology, 242(1), 1-10.
447. Roeva O., Melo–Pinto, P.. Generalized net model of Firefly algorithm. Proceedings of 14th Int. Workshop on Generalized Nets, 2013, 1-10.

Цитира се:

2605. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: Innovative series Studies in Computational Intelligence pp 161-215, 2016, @2016
448. Roeva O., T. Pencheva, A. Shannon, K. Atanassov. Generalized nets in artificial intelligence. Volume 7: Computational Collective Intelligence: Theory and Applications. Publishing House "Prof. Marin Drinov", 2013

Цитира се:

2606. Ilieva G., S. Klisarova, Generalized Nets for Agent-Based Modeling, Computational Collective Intelligence Conference, ICCCI 2016, N. T. Nguyen, L. Iliadis, Y. Manolopoulos, B. Trawiński (Eds.), Part II, Springer, 2016, 1-10.
449. Jekova I, Krasteva V, Georgiev G, Todorova L, Vassilev P, Matveev M. Decision support system for preterm ventilation. Annual Journal of Electronics, 7, Technical University - Sofia, 2013, ISSN:1314-0078, 60-63

Цитира се:

2607. Simov D, (2016), Electrocardiographic Changes in Certain Cardiovascular Physiological and Pathological Grafting, Internat. J. Bioautomation, 20(1), pp. 43-68, ISSN: 1314-1902; N47., **@2016**

450. Georgiev, N., Bryaskova, R., **Tzoneva, R.**, Ugrinova, I., Detrembleur, C., Miloshev, S., Asiri, A., Quisti, A. fluorescent nanomicellar sensor for potential biomedical applications. 21, 21, 2013, ISSN:09680896, DOI:10.1016/j.talanta.2013.07.030

Izumupa ce e:

2608. A tunable pH-sensing system based on Ag nanoclusters capped by hyperbranched polyethyleneimine with Rongmei Konga, Jinmao You, 2016, Talanta, 146, 549-555. doi:10.1016/j.talanta.2015.09.023, **@2016**

2609. Rhodamine-based ratiometric fluorescent probes based on excitation energy transfer mechanisms: Con Zhang, R., Yan, F., Huang, Y., Kong, D., Ye, Q., Xu, J., Chen, L., 2016 Source of the DocumentRSC Advances

2610. Highly Hg²⁺-sensitive and selective fluorescent sensors in aqueous solution and sensors-encapsulated K Suwatpipat, J Sirirak- RSC Advances, **@2016**

2611. Dual Site-Controlled and Lysosome-Targeted Intramolecular Charge Transfer–Photoinduced Electron Transfer B Dong, X Song, C Wang, X Kong, Y Tang- Analytical Chemistry, **@2016**

2612. pH-sensitive perylene tetra-(alkoxycarbonyl) probes for live cell imaging Y Ma, J Li, S Hou, J Zhang, Z

2613. SYNTHESIS AND PHOTOPHYSICAL PROPERTIES OF A NOVEL TEREPHTHALIC pH SENSOR PM Miladinova - Journal of Chemical Technology & Metallurgy, **@2016**

2614. A reversible fluorescent pH-sensing system based on the one-pot synthesis of natural silk fibroin-capped Qiao, X Guo, L Shi- Journal of Materials Chemistry C, **@2016**

2615. Understanding the structural changes and depolymerization of Eucalyptus lignin under mild conditions Wen, Run-Cang Sun, RSC Adv., , **@2016**

2616. Polymer-Based and pH-Sensitive Nanobiosensors for Imaging and Therapy of Acidic Pathological A Research, **@2016**

2617. H⁺-ion-sensitive FET macromodel in LTSPICE IV, NLMA Samah, KY Lee, R Jarmin - Journal of

2618. Synthesis and studies of two proton–receptor fluorescent probes based on 1, 8-naphthalimide, SO Technology, **@2016**

2619. A highly sensitive acidic pH fluorescent probe and its application to *E. coli* cells, J Chao, H Wang Tetrahedron, **@2016**

2620. A reversible fluorescent pH-sensing system based on the one-pot synthesis of natural silk fibroin-capped Qiao, X Guo, L Shi - Journal of Materials Chemistry, **@2016**

2621. SYNTHESIS OF A NEW BENZANTHRONE PROBE FOR pH DETERMINATION BASED ON PM Metallurgy, 51(6), 667-676, **@2016**

2622. An internal reference fluorescent pH sensor with two pH-sensitive fluorophores carrier, XY Wang, D Actuators B:Chemicals, **@2016**

451. Fidanova S., **Roeva O.**. Metaheuristic Techniques for Optimization of an *E. coli* Cultivation Model. Biotechnol 3870-3876. ISI IF:0.373

Izumupa ce e:

2623. Pencheva, T., Angelova, M., Atanassov, K., Genetic algorithms quality assessment implementing intuitive Methodologies, Tools, and Applications, pp. 1125-1152, 2016, **@2016**

2624. Paweł Drąg and K. Styczeń, The matrix-based description approach for the multistage differential-al Computer Science and Information Systems (FedCSIS), Gdansk, 2016, pp. 939-942, **@2016**

- 452.** Dobrikova, A.G., Domonkos, I., Sözer, Ö., Laczkó-Dobos, H., Kis, M., Párducz, Á., Gombos, Z., Apostolova light-harvesting complexes on the surface electric properties and the functions of cyanobacterial photosynthetic Blackwell, 2013, DOI:DOI: 10.1111/j.1399-3054.2012.01648.x, 248-260. SJR:1.172, ISI IF:3.138
- Izumupa ce ε:
- 2625.** Bastien O., C. Botella, F. Chevalier, M.A. Block, J. Jouhet, C. Breton, A. Girard-Egrot, E. Maréchal (2016) Cells. International Review of Cell and Molecular Biology, 323: 1–30., **@2016**
- 453.** Krumova, S. B., Rukova, B., Todinova, S. J., Gartcheva, L., Milanova, V., Toncheva, D., Taneva, S. G. C. schizophrenia patients. Thermochimica Acta, 572, Elsevier, 2013, DOI:10.1016/j.tca.2013.09.015, 59-64. ISI IF:1.172
- Izumupa ce ε:
- 2626.** Michnik A., Polaczek-Grelak K., Staś M., Sadowska-Krepa E., Gibińska J., Drzazg., Delayed effects Thermal Analysis and Calorimetry, 2016, 126, 37, .DOI: 10.1007/s10973-016-5255-7, **@2016**
- 2627.** Zapf, I; Moezzi, M; Fekecs, T; Nedvig, K; Lorinczy, D; Ferencz, A, Influence of oxidative injury and m patients, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 123 Issue: 3 Pages: 9-15, **@2016**
- 2628.** Garbett, Nichola C.; Brock, Guy N., Differential scanning calorimetry as a complementary diagnosis BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS Volume: 1860 Issue: 5 Special Issue: 5
- 454.** Christova, N., Tuleva, B., Kril, A., Georgieva, M., Konstantinov, S., Terziyski, I., Nikolova B., Stoinova , I. of rhamnolipids from Pseudomonas aeruginosa BN10.. Appl. Biochem. Biotechnol., 170, 3, 2013, 676-689. ISI IF:1.172
- Izumupa ce ε:
- 2629.** Andreadou, E., Moschopoulou A., Simou O., Laliaris Th., Pantazaki A. T. thermophilus Rhamnolipid Lymphocytes and Bind DNA in vitro British Biotechnology Journal 10(3): 1-12, Article no.BBJ.21907, 2016., **@2016**
- 2630.** Gudiña, EJ., AI Rodrigues, V de Freitas, Z Azevedo J. A. Teixeira, L.R. Rodrigues, Valorization of rhamnolipids. Bioresource Technology, 212, 144–150, 2016., **@2016**
- 2631.** Inès, M., Dhouha, G., Glycolipid Biosurfactants; Main Properties and Potential Applications in Agriculture doi: 10.1002/jsfa.7759, 2016., **@2016**
- 2632.** Paulino, BN., Pessôa, MG., Mano, MCR., Molina, G., Neri-Numa, IA., Pastore, GM. Current status in glycolipid biosurfactants. Appl. Microbiol. Biotechnol. doi:10.1007/s00253-016-7980-z, (2016)., **@2016**
- 2633.** Akiyode, O., George, D., Getti, G., Boateng J. Systematic comparison of the functional physico-chemical derived biosurfactants on blood-derived and breast cancer cells. Journal of Colloid and Interface Science
- 2634.** Joy, S., Butalia, T., Sharma, S., Rahman, P., Biosurfactant Producing Bacteria from Hydrocarbon Contaminated Soil Bioconversion of Hydrocarbons Part of the series Environmental Footprints and Eco-design of Products 2016., **@2016**
- 455.** Banuelos S., Lectez B., Taneva S.G., Ormaza G., Alonso-Marino M., Calle X., Urbaneja M.A.. Recognition of nucleophosmin. Effect of a leukaemia-associated mutation. FEBS Letters, 587, 14, 2013, ISSN:0014-5793, ISI IF:3.341
- Izumupa ce ε:
- 2635.** Cree, Simone L.; Fredericks, Rayleen; Miller, Allison; et al., DNA G-quadruplexes show strong interaction LETTERS Volume: 590 Issue: 17 Pages: 2870-2883 Published: SEP 2016 doi: 10.1002/1873-3468.1233
- 2636.** Mitrea, Diana M.; Cika, Jaclyn A.; Guy, Clifford S.; et al., Nucleophosmin integrates within the nucleolus displaying R-rich linear motifs and rRNA , , ELIFE Volume: 5 Article Number: e12333

456. Bryaskova, R., Georgieva, N., **Andreeva, T., Tzoneva, R.** Cell adhesive behavior of PVA-based hybrid material. *Surf Coatings Technology*, 235, Elsevier, 2013, ISSN:0257-8972, DOI:10.1016/j.surfcoat.2013.07.032, 186-191. ISI IF:2.199

Цитира се:

2637. Designing tragacanth gum based sterile hydrogel by radiation method for use in drug delivery systems. DocumentSingh, B., Varshney, L., Francis, S., Rajneesh, 2016 Source of the DocumentInternational Journal of Polymer Science, 602, @2016
2638. Wang, N., Ma, Z., Zhou, S., Liang, G. Facile fabrication of SERS substrate based on food residue eggshell membranes. *Food Chemistry*, 187, 45-50., @2016
2639. Heterocyclic Naphthalimides as new Skeleton structure of compounds with increasingly expanding related fields. H., Addla, D., Lv, J.-S., Zhou, C.-H., 2016 Source of the DocumentCurrent Topics in Medicinal Chemistry, 16, 10, 1000-1012, @2016
2640. Polymer-Based and pH-Sensitive Nanobiosensors for Imaging and Therapy of Acidic Pathological Areas. D.S., 2016 Source of the DocumentPharmaceutical Research 33 (10), pp. 2358-2372, @2016
2641. PVA-Based Hydrogels for Tissue Engineering: A Review, A Kumar, SS Han - International Journal of Biomaterials, @2016
2642. Multiphase Polymer Systems: Micro-to Nanostructural Evolution in Advanced Technologies Edited by A. V. Kabanov et al.
2643. 4 Advanced Materials Based on Multicomponent Polymeric Systems M Teodorescu, S Morariu- Advanced Materials and Nanotechnology, 2016

457. **Dobrikova, A., Vladkova, R., Stanoeva, D., Popova, A., Velitchkova, M.**. Effects of 24-epibrassinolide pre-treatment on the content of pea leaves. *C. R. Acad. Bulg. Sci.*, 66, 4, БАН, BAS, 2013, 543-550. SJR:0.21, ISI IF:0.284

Цитира се:

2644. Vardhini, B.V. (2016) Brassinosteroids are Potential Ameliorators of Heavy Metal Stresses in plants. In: *Heavy metal stress tolerance in plants: Remediation Techniques*, P. Ahmad (Ed.), pp. 209-237. Elsevier, Amsterdam, Netherlands. ISBN: 978-0-00-882000-8-4, @2016

458. **Todorova L., Vassilev P, Matveev M, Krasteva V, Jekova I, Hadjitolorov S**, Georgiev G, Milanov S. Generalized nets as a tool for modeling of parallel processes in wastewater treatment system under different development environment. *Comptes rendus de l'Académie bulgare des Sciences*, 66, 10, 2013, ISSN:1310–1331, 1310-1331

Цитира се:

2645. Georgieva V, Angelova N, Roeva O, Pencheva T, (2016), Simulation of parallel processes in wastewater treatment system under different development environment, *Comptes Rendus de L'Academie Bulgare des Sciences*, vol. 69(11), pp. 1493-1500

459. A Antonov, S Hadjitolorov. Concurrent algorithm for learning of neural networks. Proc.6th IEEE International Conference on Industrial Informatics, 2012, 4673-2276-8, DOI:10.1109/IS.2012.6335221, 225-228

Цитира се:

2646. Atanassov, K. Generalized nets as a tool for the modelling of data mining processes , *Studies in Computational Intelligence*, 215, @2016

460. **Dobrikova, A.G., Krasteva, V., Apostolova, E.L.**. Damage and protection of the photosynthetic apparatus from UV-B radiation. *Journal of Plant Physiology*, 170, 3, 2013, DOI:doi: 10.1016/j.jplph.2012.10.002, 251-257. SJR:1.004, ISI IF:2.557

Цитира се:

2647. Yadav, G., Srivastava, P.K., Parihar, P., Tiwari, S., Prasad, S.M. Oxygen toxicity and antioxidative responses in seedlings against UV-B. *J. Photochem. Photobiol. B:Biology*, 165, 58-70., @2016

461. **Arabadzhiev, T I.** Peculiarities of extracellular potentials produced by deep muscles. Part 1: single fibre potentials. *Computing*, 51, 6, Springer, 2013, DOI:10.1007/s11517-013-1037-6, 677-686. ISI IF:1.726

Цитира се:

2648. Rodriguez-Falces J: The formation of extracellular potentials over the innervation zone: Are these properties? *Med Biol Eng Comput*, 2016, DOI: 10.1007/s11517-016-1487-8, **@2016**

462. **Fratev, F.**, Jónsdóttir, S.O., **Pajeva, I.**. Structural insight into the UNC-45-Myosin complex.. *Proteins-Structures-Functions*, 2016, 1221. ISI IF:2.921

Цитира се:

2649. Christina Mueller, Atta Samoo, Pierre-Mehdi Hammoudi, Natacha Klages, Juha Pekka Kallio, Inari Rautiainen functional dissection of Toxoplasma gondii armadillo repeats only protein (TgARO). *J Cell Sci* 2016 : doi:10.1242/jcs.183333

463. **Pajeva, I.**, Hanl, M., Wiese, M.. Protein contacts and ligand binding in the inward-facing model of human P-glycoprotein. *ISI IF:3.046*

Цитира се:

2650. Aggarwal, G., Prajapati, R., Tripathy, R. K., Bajaj, P., Iyengar, A. R. S., Sangamwar, A. T., Pande, A. H. Identification of Human Paraoxonase 1: Site-Specific Mutagenesis at Position 192. *PLoS ONE*, 2016, 11(2), e0147999

2651. Pan, X., Mei, H., Qu, S., Huang, S., Sun, J., Yang, L., Chen, H. Prediction and characterization of P-glycosidase sites by emerging chemical pattern and hierarchical cluster analysis. *INTERNATIONAL JOURNAL OF PHARMACEUTICS*, 2016, 50(1), 10.1016/j.ijpharm.2016.02.022 APR 11 2016, **@2016**

464. **Matveev M., Atanassov K.**, Milanova M.. Generalized Net Model for Telecommunication Processes in Telecommunications Conference on Electronics and Communications Systems, Rodes Island, 2013, Recent advances in electronics, 2013, 61804-201-9, 142-145

Цитира се:

2652. Maria Stefanova-Pavlova, Velin Andonov et al. Generalized Nets in Medicine: An Example of Telemedicine. In the series "Studies in Fuzziness and Soft Computing, pp 327-357, 2016, **@2016**, **@2016**

2014

465. Atanasov, A.T., Todorova, M., Valev, D.T., **Todorova, R.**. ALOMETRIC RELATIONSHIPS BETWEEN THE BRAIN:BODY RATIO AND THE LENGTH OF PREGNANCY IN SOME MAMMALS (Metatheria and Placentalia).. *Trakia Journal of Sciences*, 12, Suppl. 1, Trakia university, 2014, ISSN:ISSN 1313 - 7050 (print) ISSN 1313 - 3551 (online), 70-73

Цитира се:

2653. Aleksandra Lipka, Grzegorz Panasiewicz, Marta Majewska, Martyna Bieniek-Kobuszewska, Aleksandra Szafranska. Identification of the Pregnancy-Associated Glycoprotein family (PAGs) and some aspects of their biology (Alces alces L.). *Theriogenology*. Available online 15 July 2016. doi:10.1016/j.theriogenology.2016.07.010

466. **Albena Momchilova, Diana Petkova, Galya Staneva, Tania Markovska**, Roumen Pankov, Raliza Skraba, Koumanov. Resveratrol alters the lipid composition, metabolism and peroxide level in senescent rat hepatocytes. *Int J Biochemistry & Molecular Biology*, 2013, 10.1016/j.cbi.2013.10.016, 74-80. ISI IF:2.577

Цитира се:

2654. Carotenuto, F., M.C. Albertini, D. Coletti, A. Vilmercati , L. Campanella Z. Darzynkiewicz , L. Teodori, C. Sartorelli. The role of the endoplasmic reticulum in the regulation of the cellular senescence process. *Int J Biochemistry & Molecular Biology*, 2013, 10.1016/j.cbi.2013.10.016, 74-80. ISI IF:2.577

Damage Response through MicroRNAs May Have an Effect on Cancer Prevention and Aging, an in Sciences, 17 , 752, 2016., **@2016**

2655. M. Matjusaitisa, G. Chinib, E. Sarnoskib, A. Stolzing. Biomarkers to identify and isolate senescent cells in the liver. *Nutrition*. 2016, **@2016**
2656. T. Charytoniuk, K. Drygalski, K. Konstantynowicz-Nowicka, K. Berk, A. Chabowski. Do alternative treatments for NAFLD? A review of resveratrol molecular mechanisms and clinical trials. *Nutrition*. Available online 21 January 2016.
2657. C Grimm . Einfluss sekundärer Pflanzeninhaltsstoffe auf das Fettsäuremuster und die endogene Fettsäuresynthese. secondary plant ingredients on the fatty acid pattern and the endogenous fatty acid synthesis of the rainbow trout. *Journal of Lipid Research*. 2016;57(1):1-10.
467. Castillo, O., Melin, P., Tsvetkov, R., **Atanassov, K.**. Short remark on fuzzy sets, interval type-2 fuzzy sets, generalizations and applications. In: *Advances in Intelligent Systems and Computing -- Proc. of Intelligent Systems' 2014*, Springer International Publishing, Cham, Switzerland, 2015, pp. 1-10.
- Izumupa ce ε:
2658. Song, Yafei, Xiaodan Wang, Wenhua Wu, Lei Lei, and Wen Quan. "Uncertainty measure for Atanassov's intuitionistic fuzzy sets." *Information Processing and Management of Uncertainty in Knowledge-Based Systems - 2016* (pp. 1-18). Springer, Cham, 2016. **@2016**
2659. Terziyska, M., & Todorov, Y. (2016, September). Intuitionistic Neo-Fuzzy Network for modeling of nonlinear systems. In: *2016 IEEE 8th International Conference on Fuzzy Systems (FUZZ-IEEE)* (pp. 616-621). IEEE., **@2016**
2660. Terziyska, M., & Todorov, Y. (2016, September). Intuitionistic Neo-Fuzzy predictive control. In: *Intelligent Control and Automation (ICA), 2016 IEEE 7th International Conference on* (pp. 635-640). IEEE., **@2016**
468. **Keremidarska, M.**, Ganeva, A., Mitev, D., Hikov, T., Presker, R., Pramatarova, L., **Krasteva, N.**. Comparative study of the cytotoxicity of diamond nanoparticles against osteosarcoma cells and primary mesenchymal stem cells. *Biotechnology and Biotechnology Letters*. 2016;38(1):1-6.
- Izumupa ce ε:
2661. Strategy towards independent electrical stimulation from cochlear implants: Guided auditory neuron growth along diamond, **@2016**
2662. Studies on the cytotoxicity of diamond nanoparticles against human cancer cells and lymphocytes, **@2016**
2663. Strategy towards independent electrical stimulation from cochlear implants: Guided auditory neuron growth along diamond, **@2016**
469. **Fratev F**, E. Mihaylova, **I. Pajeva**. Combination of genetic screen and molecular dynamics as a useful tool for the identification of the mechanism of the PDZ domain G54S mutation case. *J. Chem. Inf. Model.*, 54, 5, ACS, 2014, 1524-1536. ISI IF:3.657
- Izumupa ce ε:
2664. Bang, M.-L. (2016), Animal Models of Congenital Cardiomyopathies Associated With Mutations in Z-Limusin. doi: 10.1002/jcp.25424, **@2016**
2665. N Gao, T Liang, Y Yuan, XC Xiao, Y Zhao, Y Guo, M Li, X. Pu. Exploring the mechanism of F282L mutation in laminin 511 by computational study. *Phys Chem Chem Phys*. 2016 Oct 26;18 (42):29412-29422, **@2016**
470. Martiny V. Y., **I. Pajeva**, M. Wiese, M. Davis, M. A. Miteva. *Chemoinformatic and Chemometric Approaches in Drug Discovery and Development*, John Wiley & Sons, Inc., 2014, ISBN:978-1-118-78330-6, DOI: 10.1002/9781118783306
- Izumupa ce ε:
2666. AlQuudah, D.A., Zihlif, M.A., Taha, M.O. Ligand-based modeling of diverse aryalkylamines yields new insights into their mechanism of action. *Journal of Medicinal Chemistry*, 110, pp. 204-223, **@2016**
471. **Angelova, M.**, **Pencheva, T.**. Genetic Operators' Significance Assessment in Multi-population Genetic Algorithms. *Journal of Bioinformatics and Computational Biology*, 2014, ISSN:1755-2176, 162-173

Цитира се:

2667. Cong H., Y. Yang, P. Jiang, F. Feng , H. Zhang, Y. Li, J. Hao, Optimization Strategy for Air Handling U Engineering, 2016, 109(A), 678-684., **@2016**
472. Wiese M., **Pajeva I.K.** HAGE, the helicase antigen as a biomarker for breast cancer prognosis (WO201314461)

Цитира се:

2668. Bakrania, AK; Variya, BC; Patel, SS. Novel targets for paclitaxel nano formulations: Hopes and PHARMACOLOGICAL RESEARCH, 111 577-591; 10.1016/j.phrs.2016.07.023 SEP 2016, **@2016**
473. **Mladenov I.**, Marinov P., **Hadzhilazova M.** Elastic Spirals. AIP Conf. Proc., 1629, 2014, DOI:10.1063/1.4902

Цитира се:

2669. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, Differen 97., **@2016**
474. **Atanassov, K. T.**. Index Matrices: Towards an Augmented Matrix Calculus. Studies in Computational Intelligence 10944-2, DOI:10.1007/978-3-319-10945-9, 110

Цитира се:

2670. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486
2671. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**

475. **Roeva, O.**, Slavov, T., S. Fidanova. Population-based vs. Single Point Search Meta-heuristics for a PID Controller Design. In: Intelligent Computing Intelligent Algorithms: Theory and Practical Applications, 1, IGI Global, 2014, DOI:10.4018/978-1-

Цитира се:

2672. Ter-Sarkisov Aram, Stephen Marsland, K-Bit-Swap: A New Operator For Real-Coded Evolutionary Algorithm Methodologies and Applications, ISSN 1432-7643, DOI: 10.1007/s00500-016-2170-6, arXiv:1604.0 Computing, Subjects: Neural and Evolutionary Computing (cs.NE), 2016, **@2016**
2673. Arindam Majumder, Argha Das, Pankaj Kr. Das, A standard deviation based firefly algorithm for multi-axis machining of Indian RAFM steel, Neural Computing and Applications, 2016, 1-13, doi: 10.1007/s00521-016-2620-2
2674. Holubcik M., J. Jandacka, M. Palacka, P. Vician, Additives application to wheat straw to increase its energy content, Proceedings 1768, 020014 (2016); doi: 10.1063/1.4963036, **@2016**
2675. Michal Holubcik, Jozef Jandacka, Peter Durcansky, Energy properties of wood pellets made from the urban waste, Proceedings 1768, 020013 (2016); doi: 10.1063/1.4963035, **@2016**
2676. Michal Holubcik, Peter Vician, Matej Palacka, (2016) Thermal power output determination of 2 Mw steam generator, Application of Experimental and Numerical Methods in Fluid Mechanics and Energy 2016: XX. Anniversary Conference, 10.1063/1.4953704, **@2016**
2677. Michal Holubcik, Zuzana Kolkova, Jozef Jnadacka (2016) Energy properties of solid fossil fuels and solid wastes, Application of Experimental and Numerical Methods in Fluid Mechanics and Energy 2016: XX. Anniversary of International Scientific Conference, 10.1063/1.4953704, **@2016**

476. **Dimitrova, D.Z.**, Kubat, P., Dimitrov, S., Belokonski, E., Bogoeva, V.. Photophysical characterisation and photodynamic therapy, 11 (3), 11 (3), 2014, 391-399. ISI IF:2.656

Цитира се:

2678. Zhang, L.-J., Zhang, X.-H., Liao, P.-Y., (...), Yan, Y.-J., Chen, Z.-L. (2016). Antitumor activity of pentylporphin-mediated photodynamic therapy in vitro and in vivo. *Journal of Photochemistry and Photobiology A*, 337, pp. 10-17, DOI:10.1016/j.jphotochem.2016.03.016
2679. Zhang, L.-J., Yan, Y.-J., Liao, P.-Y., (...), Wang, L., Chen, Z.-L. Synthesis and antitumor activity of pentylporphin-mediated photodynamic therapy in vitro and in vivo (2016). *Tumor Biology* 37 (5), pp. 6923-6933, @2016

477. S. Fidanova, M. Paprzycki, **Roeva, O.**. Hybrid GA-ACO Algorithm for a Model Parameters Identification Problem. In: Proceedings of the International Conference on Computer Science and Information Systems, 2014, ISBN:978-836081058-3, DOI:DOI: 10.15439/2014-001

Цитата за:

2680. Paweł Drąg, Krystyn Styczeń, The Constraints Aggregation Technique for Control of Ethanol Production Optimization, *Studies in Computational Intelligence*, Vol. 655, 2016, pp. 179-192, DOI: 10.1007/978-3-319-43032-1_11
2681. Paweł Drąg, Krystyn Styczeń, Evaluation of the solution quality for control of the nonlinear desorption column, *Proceedings of the International Carpathian Control Conference, ICCC 2016*, art. no. 7501087, 166-171, doi: 10.1109/CarpCarpathianControl.2016.7501087
2682. Sudhansu Sekhar Singh, Sudhansu Sekhar Singh, Bhabani Shankar Prasad Mishra, Prabin Kumar Panigrahi, Cognitive Radio, *International Journal of Mobile Computing and Multimedia*, DOI:10.4018/IJMCMC.2016040104, @2016
2683. Paweł Drąg and K. Styczeń, The matrix-based description approach for the multistage differential-algebraic systems, *Proceedings of the International Conference on Computer Science and Information Systems (FedCSIS)*, Gdansk, 2016, pp. 939-942, @2016

478. Lazarova,D., **Stanoeva,D.**, Popova, A.V., Vasilev, D, **Velitchkova, M.**. UV-B - induced alteration of oxygen species in plants affected by scavengers of reactive oxygen species.. *Biologia Plantarum*, 58, 2, 2014, DOI:10.1007/s10535-014-0366-0

Цитата за:

2684. Reyes-Diaz M., Merino-Gerichevich C., Inostroza-Blancheteau C., Latsague M., Acevedo P., Alberdi J. Biochemical traits involved in the UV-B radiation response in highbush blueberry, *Biologia Plantarum*, DOI:10.1007/s10535-014-0366-0

479. **Todinova, S. J., Krumova, S. B.**, Radoeva, R., Gartcheva, L., **Taneva, S.G.**. Calorimetric Markers of Bence Jones Proteome. *Analytical Chemistry*, 86, 24, 2014, DOI:10.1021/ac503677d, 12355-12361. ISI IF:5.636

Цитата за:

2685. Morales, M.M., Agramonte Llanes, O.M., Proteinuria in monoclonal gammopathies, *Revista Cubana de Ciencias Biológicas*, 32, Issue 2, April-June 2016, Pages 160-175, @2016
2686. Zsuzsanna Szalai Tamás F. Molnár Dénes Lőrinczy, Role of differential scanning calorimetry (DSC) in the definition problem, *Journal of Thermal Analysis and Calorimetry* pp 1–8, @2016

480. Marinov P., **Hadzhilazova M.**, **Mladenov I.**. Elastic Sturmian Spirals. *C. R. Acad. Bulgare Sci.*, 67, 2014, 167-172.

Цитата за:

2687. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, *Differential Equations and Dynamical Systems*, 97., @2016

481. **Krumova, S. B.**, Várkonyi, Zs., Lambrev, P.H., Kovács, L., **Todinova, S. J., Busheva, M.**, **Taneva, S. G.**, Gáspár, L. Light-harvesting antenna complexes of photosystem I in isolated stroma thylakoid membranes. *Journal of Photochemistry and Photobiology B*, 123, DOI:10.1016/j.jphotobiol.2014.04.029, 4-12. ISI IF:2.96

Цитата за:

2688. Yang, Z., Brouillet, C.G, A Guide to Differential Scanning Calorimetry of Membrane and Soluble Proteins, *Journal of Photochemistry and Photobiology B*, Volume 567, 2016, Pages 319-358, @2016

2689. Yang Z., Brouillet Ch. G., A Guide to Differential Scanning Calorimetry of Membrane and Soluble Proteins, *Journal of Photochemistry and Photobiology B*, Volume 567, 2016, Pages 319-358, @2016

482. **Christov I**, Simova I, Abacherly R. Extraction of the fetal ECG in noninvasive recordings by signal decomposition. Annual Journal of Electronics, 1721. SJR:2.11, ISI IF:1.8

Izumupa ce e:

2690. Mollakazemi MJ, Asadi F, Tajnesaei M, Ghaffari A (2016) Fetal QRS Detection in noninvasive abdominal ECG analysis and discrete wavelet transforms with signal quality estimation. J. of Biomed Eng., http://www.jbpe.ir/Journal_OJS/JBPE/index.php/jbpe/article/view/397/310., @2016
2691. Li Su, Haw-Tieng Wu (2016) Extract fetal ECG from single-lead abdominal ECG by de-shape short time Quantitative Methods, Cornell University, http://arxiv.org/pdf/1609.02938.pdf., @2016
2692. Da Poian G, Bernardini R, Rinaldo R (2016) Separation and analysis of fetal-ECG signals from complex Transactions on Biomedical Engineering, 63, (6), pp. 1269-1279 ., @2016
483. Vassilev V., Djondjorov P., Atanassov E., **Hadzhilazova M.**, **Mladenov I.**. Explicit Parametrizations of Vessel DOI:doi: 10.1063/1.4902274, 201-206. SJR:0.16

Izumupa ce e:

2693. Zhang Y. H., McDargh Z., Tu Z. C., arxiv:1611.07747v1, @2016
484. **Dobrikova, A., Vladkova, R., Rashkov, G., Todinova, S. J., Krumova, S. B., Apostolova, E.**. Effects of environmental stress on plant membranes under non-stress conditions. Plant Physiology and Biochemistry, 80, Elsevier, 2014, DOI:<http://dx.doi.org/10.1016/j.plaphy.2014.07.011> SJR:0.903, ISI IF:2.756

Izumupa ce e:

2694. Gupta P, Srivastava S, Seth CS (2016) 24-Epibrassinolide and Sodium Nitroprusside alleviate the salinity cross talk among proline, nitrogen metabolism and abscisic acid, Plant and Soil, DOI 10.1007/s11104-016-2803-0
2695. Tarkowska D, Strnad M (2016) Plant ecdysteroids: plant sterols with intriguing distributions, biological activity and synthesis. Biologia, 244(3):545-555., @2016
2696. Ajigboye OO, Lu C, Murchie EH, Schlatter C, Swart G, Ray RV (2016) Altered gene expression by sedentary growth and improves tolerance to drought in wheat seedlings, Pesticide Biochemistry and Physiology, 124, Elsevier, press, @2016

485. **Tsakovska, I., Al Sharif, M., Alov, P., Diukendjieva, A., Fioravanzo, E., Cronin, M.T.D., Pajeva, I.**. Molecular mechanisms of liver steatosis in nonalcoholic fatty liver disease: relation to the mode of action/adverse outcome pathway framework for liver steatosis. International Journal of Molecular Sciences, 17, MDPI, 2016, 17(1), 113, DOI: 10.3390/ijms17010113, IF:2.862

Izumupa ce e:

2697. Using Molecular Initiating Events To Generate 2D Structure–Activity Relationships for Toxicity Screening. Allen TE, Goodman JM, Gutsell S, Russell PJ. Chem. Res. Toxicol., 2016, 29 (10), pp 1611–1627, DOI: 10.1021/acs.est.6b00341, @2016
2698. Allen TE, Goodman JM, Gutsell S, Russell PJ. A History of the Molecular Initiating Event. Chem Rev., 2016, 116(18), pp 10211–10241, DOI: 10.1021/acs.est.6b00341, @2016
2699. Mark Hewitt, Katarzyna Przybylak. In Silico Models for Hepatotoxicity, in: In Silico Methods for Predicting Adverse Drug Reactions (In Silico Methods in Molecular Biology), Emilio Benfenati, Ed., pp 201-236, 2016, @2016
486. **Jekova I, Krasteva V**, Kalaydjiev A, Mudrov Ts, Ménétré S, Didon JP. Respiration detection implemented in study. Annual Journal of Electronics, 8, Technical University - Sofia, 2014, ISSN:1314-0078, 70-73

Izumupa ce e:

2700. MirmohamadsadeghiL, Vesin JM, (2016), Real-time multi-signal frequency tracking with a bank of no ECG, *Physiol. Meas.*, vol. 37(9), pp. 1573–1587, ISSN 0967-3334, <http://iopscience.iop.org/article/10.1088/0967-3334/37/9/1573>

487. Sarvari, E., Mihailova, G., Solti, A., Keresztes, A., **Velitchkova, M.**, Georgieva, K.. Comparison of thylakoid structure rhodopsins populations under desiccation and rehydration. *Journal of Plant Physiology*, 171, 17, 2014, SJR:1.004, ISI IF:2.557

Цитира се:

2701. Hamid Manzoor, Habib-ur-Rehman Athar, Sumaira Rasul, Tehseen Kanwal, Muhammad Shahzad Anjum, Zafar Ullah Zafar, Muhammad Ali1, and Muhammad Ashraf (2016) Avenues for improving drought resistance on physiological basis. In: Water Stress and Crop Plants: A Sustainable Approach, First Edition. (Edited by 193., **@2016**

488. Dang, N. X., **Popova, A.V.**, Hundertmark, M., Hincha, D.K.. Functional characterization of selected LEA proteins. *Planta*, 240, 2, 2014, 325-336. ISI IF:3.263

Цитира се:

2702. Feki K., Brini F., 2016, Role of proteins in alleviating drought stress in plants, in: Water Stress and Crop Plants, 176, **@2016**

2703. Cuevas-Velazquez, C.L., Saab-Rincón, G., Reyes, J.L., Covarrubias, A.A., 2016, The unstructured late embryogenesis abundant (LEA) proteins is required for folding and for chaperone-like activity under water stress, *Plant Physiology*, 170 (20) 10893-10903, **@2016**

2704. Hu T., Zhou N., Fu M., Qin J., Huang X., 2016, Characterization of OsLEA1a and its inhibitory effect on seedling growth, *International Journal of Biological Macromolecules*, 91, 1010-1017., **@2016**

2705. Gao J., Lan T., 2016, Functional characterization of the late embryogenesis abundant (LEA) protein gfp-LEA1a in Escherichia coli, *Scientific Reports* 6, Article number: 19467, doi:10.1038/srep19467, **@2016**

2706. Warner A.H., Guo Z., Moshi S., Hudson J.W., Kozarova A., 2015, Study of model systems to test the function of late embryogenesis abundant (LEA) proteins, *Cell Stress and Chaperones*, 21 (1) 139-154, **@2016**

2707. Hu T., Zhou N., Fu M., Qin J., Huang X., 2016, Characterization of OsLEA1a and its inhibitory effect on seedling growth, *International Journal of Biological Macromolecules*, Available online 23 June 2016, **@2016**

489. **Todorova, R.** Ewing's sarcoma cancer stem cell targeted therapy.. *Current Stem Cell Research & Therapy*, 9, 46-62. (Print): 1574-888X ISSN (Online): 2212-3946, DOI:DOI: 10.2174/1574888X08666131203123125, 46-62. SJR:0.933, ISI IF:3.521

Цитира се:

2708. Bruce M. Wenig, Atlas of Head and Neck Pathology, Bibliogroup:"ATLAS OF SURGICAL PATHOLOGY OF THE HEAD AND NECK", Philadelphia, PA. ISBN 1455733814, 9781455733811. ISBN 978-1-4557-3382-8. Copyright @ 2015

2709. Tilan J., Kitlinska J., Neuropeptide Y (NPY) in tumor growth and progression: Lessons learned from rodent models, *Cancer Letters*, 353 (2) 55–66., **@2016**

490. Misra, A.N., **Vladkova, R.**, Singh, R., Misra, M., **Dobrikova, A.G.**, **Apostolova, E.L.**. Action and target sites of the plant hormone auxin in the control of plant development. *Plant Signal Behav.*, 9, 35-45. 2014, ISSN:10898603, DOI:10.1080/j.niox.2014.04.003, 35-45. SJR:0.933, ISI IF:3.521

Цитира се:

2710. Silveira NM, Frungillo L, Marcos FCC, Pelegrino MT, Miranda MT, Seabra AB, Salgado I, Machado J, 2016, Nitric oxide improves sugarcane growth and photosynthesis under water deficit, *Planta* 244(1):181-190., **@2016**

2711. Hancock JT, Whiteman M (2016) Alone NO Longer: Interactions of Nitric Oxide with Reactive Oxygen Species. *Botanical Research*, Vol. 77: 1–14., **@2016**

2712. Oukarroum A (2016) Alleviation of Metal-Induced Toxicity in Aquatic Plants by Exogenous Comp 227:204., **@2016**

2713. Hussain A, Mun B-G, Imran QM, Lee S-U, Adamu TA, Shahid M, Kim K-M, Yun B-W (2016) Nitric Activation of Multiple Regulatory Pathways in Arabidopsis thaliana, Front. Plant Sci. 7, Article 975., **@2016**

491. **Roeva O.** Bat algorithm in terms of generalized net. Proceedings of 15th International Workshop on Generalized

Цитира се:

2714. Atanassov K., Generalized Nets as a Tool for the Modelling of Data Mining Processes, In: Innovative series Studies in Computational Intelligence pp 161-215, 2016, **@2016**

492. **Roeva O.** Genetic Algorithm and Firefly Algorithm Hybrid Schemes for Cultivation Processes Modelling. Lett 196-211. SJR:0.34

Цитира се:

2715. Mohamed Abdel-Baset, Ibrahim Hezam, Cuckoo Search and Genetic Algorithm Hybrid Schemes for Opt 1185-1192 (2016), **@2016**

493. **Mancheva, K.**, Schrader, C., **Christova, L.**, Dengler, R., **Kossev, A. R.**. The effect of muscle vibration on European Journal of Applied Physiology, 114, 10, Springer, 2014, ISSN:1439-6319, DOI:10.1007/s00421-014-2

Цитира се:

2716. Stephanova, D.I., Kossev, A., 2016. Theoretical predication of temperature effect on conducting process 40oC. Journal of Integrative Neuroscience 15 (02): 261-276. IF: 0.791, **@2016**

494. **Atanassova, V.**, Doukovska, L., **Atanassov, K.**, Mavrov, D.. Intercriteria Decision Making Approach to EU M Symp. on Business Modeling and Software Design, 1, 2014, 289-294

Цитира се:

2717. Erbakanov, L., Kostadinov, T., Petkov, T., Sotirov, S., & Bureva, V. (2016). Modeling Logic Gate Developments in Uncertainty Representation and Processing (pp. 243-256). Springer International Publishing

2718. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**

2719. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the St Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**

2720. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Pro Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**

2721. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486

495. **Atanassova, V.**, Doukovska, L., Mavrov, D., **Atanassov, K.**. InterCriteria decision making approach to EU me threshold analysis'. Proceedings of the 7th IEEE International Conference Intelligent Systems IS'2014, 1, 2014,

Цитира се:

2722. Krawczak, M., Bureva, V., Sotirova, E., & Szmidt, E. (2016). Application of the InterCriteria Decision Developments in Uncertainty Representation and Processing (pp. 365-372). Springer International Publishing

2723. Roeva, Olympia, Stefka Fidanova, and Marcin Paprzycki. "InterCriteria Analysis of ACO and C Computational Optimization, pp. 107-126. Springer International Publishing, 2016., **@2016**

2724. Sotirov, Sotir, Evdokia Sotirova, Patricia Melin, Oscar Castillo, and Krassimir Atanassov. "Modular Intuitionistic Fuzzy InterCriteria Analysis Method." In Flexible Query Answering Systems 2015, 2016., **@2016**
2725. Roeva, Olympia, Peter Vassilev, Maria Angelova, Tania Pencheva, and Jun Su. "Comparison of different In Intelligent Systems (IS), 2016 IEEE 8th International Conference on, pp. 567-572. IEEE, 2016., **@2016**
2726. Sharmila, S., and I. Arockiarani. "A Pollution Model of the River Ganges through Inter Criteria Oceanography 10, no. 2 (2016): 81-91., **@2016**
2727. Ilkova, Tatiana, and Mitko Petrov. "Using Intercriteria Analysis for Assessment of the Pollution Indexes Uncertainty Representation and Processing, pp. 351-364. Springer International Publishing, 2016., **@2016**
2728. Roeva, Olympia, Jonathan Perez, Fevrier Valdez, and Oscar Castillo. "InterCriteria Analysis of Bat Algorithm and Interval Type-2 Fuzzy Systems." Notes on Intuitionistic Fuzzy Sets, Vol. 22, No 3, pp. 91-105, **@2016**
2729. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
2730. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of *Candida lactic MC 5*, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.

496. **Atanassova, V.**, Mavrov, D., Doukovska, L., **Atanassov, K.**. Discussion on the Threshold Values in the Intuitionistic Fuzzy Sets, 20, 2, 2014, 94-99

Литература:

2731. Krawczak, Maciej, Veselina Bureva, Evdokia Sotirova, and Eulalia Szmidt. "Application of the Intercriteria Ranking." In Novel Developments in Uncertainty Representation and Processing, pp. 365-372. Springer International Publishing, 2016., **@2016**
2732. Fidanova, Stefka, Olympia Roeva, Antonio Mucherino, and Kristina Kapanova. "InterCriteria Analysis for Solving the GPS Surveying Problem." In International Conference on Artificial Intelligence: Methodology, Systems and Applications, Springer International Publishing, 2016., **@2016**
2733. Roeva, Olympia, Stefka Fidanova, and Marcin Paprzycki. "InterCriteria Analysis of ACO and GA for Solving Computational Optimization, pp. 107-126. Springer International Publishing, 2016., **@2016**
2734. Sotirov, Sotir, Evdokia Sotirova, Patricia Melin, Oscar Castillo, and Krassimir Atanassov. "Modular Intuitionistic Fuzzy InterCriteria Analysis Method." In Flexible Query Answering Systems 2015, 2016., **@2016**
2735. Sharmila, S., and I. Arockiarani. "A Pollution Model of the River Ganges through Inter Criteria Oceanography 10, no. 2 (2016): 81-91., **@2016**
2736. Sotirova, Evdokia, Veselina Bureva, and Sotir Sotirov. "A Generalized Net Model for Evaluation Process of the Quality of the Water in the Struma River." In Imprecision and Uncertainty in Information Representation and Processing, pp. 389-399. Springer International Publishing, 2016., **@2016**
2737. Erbakanov, Lenko, Todor Kostadinov, Todor Petkov, Sotir Sotirov, and Veselina Bureva. "Modeling Localized Pollution of the Struma River." In Novel Developments in Uncertainty Representation and Processing, pp. 243-256. Springer International Publishing, 2016., **@2016**
2738. Roeva, Olympia, Jonathan Perez, Fevrier Valdez, and Oscar Castillo. "InterCriteria Analysis of Bat Algorithm and Interval Type-2 Fuzzy Systems." Notes on Intuitionistic Fuzzy Sets, Vol. 22, No 3, pp. 91-105, **@2016**
2739. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
2740. Ilkova T., Petrov, M., Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River. In Environmental Computing, Vol. 401, 2016, 351–364, Springer Verlag, ISSN 2194-5357, **@2016**
2741. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgarian Journal of Agricultural Science, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**

2742. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu-lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486

497. Krasteva V, Leber R, Jekova I, Schmid R, Abächerli R. Classification of supraventricular and ventricular bradycardia. Computing in Cardiology, 41, 2014, ISSN:2325-8861, 349-352

Izumupa ce e:

2743. Clifford G, Silva I, Moody B, Li Q, Kella D, Chahin A, Kooistra T, Perry D, Mark R, (2016), Fast Measurement, vol. 37(8), pp. E5–E23; ISSN: 0967-3334; N41., **@2016**

498. Atanassova, V., Vardeva, I.. Sum- and Average-Based Approach to Criteria Shortlisting in the InterCriteria Analysis. 2014, 41-46

Izumupa ce e:

2744. Krawczak, M., Bureva, V., Sotirova, E., & Szmidt, E. (2016). Application of the InterCriteria Decision Analysis. In Novel Developments in Uncertainty Representation and Processing (pp. 365-372). Springer International Publishing.

2745. Roeva, O., Fidanova, S., & Paprzycki, M. (2016). InterCriteria Analysis of ACO and GA Hybrid Algorithm. In Novel Developments in Uncertainty Representation and Processing (pp. 107-126). Springer International Publishing., **@2016**

2746. Ilkova, T., & Petrov, M. (2016). Using Intercriteria Analysis for Assessment of the Pollution Indexes. In Novel Developments in Uncertainty Representation and Processing (pp. 351-364). Springer International Publishing., **@2016**

499. Dimitrov AG, Dimitrova NA.. Internodal mechanism of pathological afterdischarges in myelinated axons. Muscular Dystrophy, 2014, 1-10

Izumupa ce e:

2747. Pouget J (2016) Ce qu'il ne fallait pas manquer depuis Saint-Etienne 2014 in: ENMG 2016: 20e journee de la Boeck Superieur. ed by: Echaniz-Laguna, Y. A. ISBN : 9782353273430 <http://www.google.com/search?q=PA229&ots=zu8K7-mAwu&sig=iDc3aYGA3ao20kSqPnMuw0xUkZg>, **@2016**

500. Angelova, M., Pencheva, T.. Genetic Operators Significance Assessment in Simple Genetic Algorithm. Large Notes in Computer Science, 2014, ISBN:978-3-662-43879-4, 223-231. SJR:0.305

Izumupa ce e:

2748. Cong H., Y. Yang, P. Jiang, F. Feng , H. Zhang, Y. Li, J. Hao, Optimization Strategy for Air Handling Unit. In: HVAC Engineering, 2016, 109(A), 678-684., **@2016**

501. Pulov V., Hadzhilazova M., Mladenov I.. Symmetries and Some Special Solutions of the Helfrich Model. In: Mechanics of Materials, 2014, DOI:10.1007/978-3-319-08296-7_6, SJR:0.16

Izumupa ce e:

2749. Castro I., I. Castro-Infantes, Plane Curves with Curvature Depending on Distance to a Line, Differential Geometry and Applications, 2016, 47, 97., **@2016**

502. Atanassov, K., Mavrov, D., Atanassova, V.. Intercriteria decision making: A new approach for multicriteria intuitionistic fuzzy sets. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 11, 2014, 1-8

Izumupa ce e:

2750. Krawczak, M., Bureva, V., Sotirova, E., & Szmidt, E. (2016). Application of the InterCriteria Decision Analysis. In Novel Developments in Uncertainty Representation and Processing (pp. 365-372). Springer International Publishing.

2751. Pencheva, T., Angelova, M., Vassilev, P., & Roeva, O. (2016). InterCriteria Analysis Approach to Protein Model. In Novel Developments in Uncertainty Representation and Processing (pp. 385-397). Springer International Publishing.

2752. Roeva, O., & Vassilev, P. (2016). InterCriteria Analysis of Generation Gap Influence on Genetic Algorithm Performance. In Uncertainty Representation and Processing (pp. 301-313). Springer International Publishing., **@2016**
2753. Fidanova, S., Roeva, O., Gepner, P., & Paprzycki, M. (2016, November). InterCriteria Analysis of Information Systems (FedCSIS), 2016 Federated Conference on (pp. 547-550). IEEE., **@2016**
2754. Fidanova, S., Roeva, O., Mucherino, A., & Kapanova, K. (2016, September). InterCriteria Analysis of Surveying Problem. In International Conference on Artificial Intelligence: Methodology, Systems, and Applications (pp. 1-6). Springer International Publishing., **@2016**
2755. Roeva, O., Fidanova, S., & Paprzycki, M. (2016). InterCriteria Analysis of ACO and GA Hybrid Algorithm for Optimization (pp. 107-126). Springer International Publishing., **@2016**
2756. Roeva, O., Pencheva, T., Angelova, M., & Vassilev, P. (2016). InterCriteria Analysis by Pairs and Triplet Identification. In Recent Advances in Computational Optimization (pp. 193-218). Springer International Publishing.
2757. Sotirov, S., Sotirova, E., Melin, P., Castillo, O., & Atanassov, K. (2016). Modular Neural Network Based on InterCriteria Analysis Method. In Flexible Query Answering Systems 2015 (pp. 175-186). Springer International Publishing.
2758. Roeva, O., Vassilev, P., Angelova, M., Pencheva, T., & Su, J. (2016, November). Comparison of different Methods for InterCriteria Analysis. In Intelligent Systems (IS), 2016 IEEE 8th International Conference on (pp. 567-572). IEEE., **@2016**
2759. Sharmila, S., & Arockiarani, I. (2016). A Pollution Model of the River Ganges through Inter Criteria Analysis. In Oceanography, 10(2), 81-91., **@2016**
2760. Ilkova, T., & Petrov, M. (2016). Using Intercriteria Analysis for Assessment of the Pollution Indexes. In Uncertainty Representation and Processing (pp. 351-364). Springer International Publishing., **@2016**
2761. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
2762. Sotirova, E., Bureva, V., & Sotirov, S. (2016). A Generalized Net Model for Evaluation Process Using Intercriteria Analysis. In Imprecision and Uncertainty in Information Representation and Processing (pp. 389-399). Springer International Publishing.
2763. Todorova, L., Vassilev, P., & Surchev, J. (2016). Using Phi Coefficient to Interpret Results Obtained by Intercriteria Analysis. In Uncertainty Representation and Processing (pp. 231-239). Springer International Publishing., **@2016**
2764. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of Lactobacillus MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.
2765. Erbakanov, L., Kostadinov, T., Petkov, T., Sotirov, S., & Bureva, V. (2016). Modeling Logic Gates Using Intercriteria Analysis. In Developments in Uncertainty Representation and Processing (pp. 243-256). Springer International Publishing.
2766. Tisheva, D., & Netov, N. (2016, November). Value at Risk backtesting techniques: Intuitionistic fuzzy logic based approach. In Intelligent Systems (IS), 2016 IEEE 8th International Conference on (pp. 552-559). IEEE., **@2016**
2767. Roeva, O., Perez, J., Valdez, F., & Castillo, O. InterCriteria Analysis of Bat Algorithm with Parameter Adaptation. In Notes on Intuitionistic Fuzzy Sets, 22(1), 91-105, **@2016**
2768. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. In Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
503. Simova I, Christov I, Kambova L, Bortolan G, Katova T. QRS and T loops area changes during haemodialysis. In: *Journal of Internal Medicine*. 2016; 279(1): 10-16. SJR:0.63
- Измисла са:
2769. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. In: *Int. J. of Bioautomation*, 20, (1), pp., **@2016**
504. Bortolan G, Christov I. Dynamic filtration of high-frequency noise in ECG signal. Computing in Cardiology, 43(1), 1-4. SJR:0.22

Цитира се в:

2770. Тулякова О, Трофимчук АН, Стрижак АЕ (2016) Алгоритмы фильтрации электрокардиограмм Радіоелектронні і Комп'ютерні Системи, 2, (76), pp. 4-14, ISSN 1814-4225.2179., **@2016**
505. **Andreeva, T., Krumova, S. B.**, Minkov, I. L., **Busheva, M.**, Lalchev, Z., **Taneva, S. G.**. Protonation-induced monolayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 460, Elsevier, 2014, ISSN:0927-7755, 203. ISI IF:2.752

Цитира се в:

2771. Renata Welc, Rafal Luchowski, Wojciech Grudzinski, Michał Puzio, Karol Sowinski, and Wieslaw I. Gierszal. Embedded in Proteins in Regulation of the Photosynthetic Antenna Function in Plants, Revealed by Molecular Dynamics Accepted Manuscript DOI: 10.1021/acs.jpcb.6b10393 Publication Date (Web): December 2, 2016, **@2016**
506. **Christov I**, Batchvarov V, Simova I, Dimitrov N, Behr E. Comparative study of signal decomposition methods for localisation. Computing in Cardiology, 41, 2014, 1073-1076. SJR:0.63

Цитира се в:

2772. Hsieh YM. (2016) A study of heart rate variability analysis algorithm, PhD thesis, 98 pages, <http://www.tlu.edu.tw/~U0028-1008201616351100>, **@2016**
507. **Al Sharif, M., Alov, P., Vitcheva, V., Pajeva, I., Tsakovska, I.**. Modes-of-action related to repeated doses of alcohol on liver dysregulation to non-alcoholic fatty liver disease. PPAR Research, 2014, 2014, ISSN:1687-4765, DOI:10.1155/2014/1089471

Цитира се в:

2773. Mellor CL, Steinmetz FP, Cronin MT. The identification of nuclear receptors associated with hepatic steatosis pathways. Crit Rev Toxicol. 2016 Feb;46(2):138-52, DOI: 10.3109/10408444.2015.1089471, **@2016**
2774. Barbosa AM, Francisco Pde C, Motta K, Chagas TR, Dos Santos C, Rafacho A, Nunes EA. Fish oil supplementation causes changes in lipid metabolism and liver function in rats caused by dexamethasone treatment in rats. Appl Physiol Nutr Metab. 2016 Apr;41(4):382-90, DOI: 10.1152/ajcnut.00001.2016
2775. Chikamoto K, Misu H, Takayama H, Kikuchi A, Ishii KA, Lan F, Takata N, Tajima-Shirasaki N, Takamura T. Rapid response of the steatosis-sensing hepatokine LECT2 during diet-induced weight cycling. Br J Pharmacol. 2016 Sep 23;478(3):1310-6, DOI: 10.1016/j.bjpharm.2016.08.117, **@2016**
2776. Nuño-Lámbarri N, Barbero-Becerra VJ, Uribe M, Chávez-Tapia NC. Mitochondrial Molecular Pathophysiology: Proteomics Approach. Int J Mol Sci. 2016 Mar 15;17(3):281. DOI: 10.3390/ijms17030281, **@2016**
2777. Angrish MM, Kaiser JP, McQueen CA, Chorley BN. Tipping the Balance: Hepatotoxicity and the 4 Aromatic Amines. Environ Health Perspect. 2016 Apr;150(2):261-8, DOI: 10.1093/toxsci/kfw018, **@2016**

508. **Arabadzhiev T.I., Dimitrov V.G.**, Dimitrov G.V.. The increase in surface EMG could be a misleading measure of strength. European Journal of Applied Physiology, 114, 8, Springer, 2014, DOI:10.1007/s00421-014-2893-y, 16

Цитира се в:

2778. Beardsley C: What is the strength-endurance continuum? <https://www.strengthandconditioningresearch.com/perspectives/strength-endurance-continuum/>, **@2016**
2779. Kristiansen M, Samani A, Madeleine P, Hansen EA: Effects of five weeks of bench press training on muscle strength. Strength Cond Res, 2016, **@2016**
2780. Walker S, Blazevich AJ, Haff GG, Tufano JJ, Newton RU, Häkkinen K: Greater Strength Gains after Training with Isoinertial Loads in Already Strength-Trained Men, Frontiers in physiology 2016, 7: 149., **@2016**
2781. Kristiansen, MV: Muscle synergies during bench press. PhD thesis, Aalborg Universitetsforlag. Ph.d. Aalborg Universitet, 2016, **@2016**

2782. Jenkins, N. D. M., T. J. Housh, et al. "Neuromuscular Adaptations After 2 and 4 Weeks of 80% Versus 100% Voluntary Contraction Failure." *The Journal of Strength & Conditioning Research*, 2016, 30(8): 2174-2185., [@2016](#)
2783. Rodriguez-Falces J: The formation of extracellular potentials over the innervation zone: Are these properties? *Med Biol Eng Comput*, 2016, DOI: 10.1007/s11517-016-1487-8., [@2016](#)

2015

509. Guncheva, M., Paunova, K., Ossowicz, P., Rozwadowski, Z., Janus, E., Idakieva, K., **Todinova, S.**, Raynova, Yancheva, D.. Modification of Rapana thomasiana hemocyanin with choline amino acid salts significantly enhances its cytotoxicity against human breast cancer cells. *RSC Advances*, 78, 5, Royal Society of Chemistry, 2015, ISSN:2046-2069, DOI:10.1039/C5RA05090A

Izumupa ce ε:

2784. Understanding the Structure and Properties of Cholinium Amino Acid Based Ionic Liquids, Authors of I. R., García De La Vega, J.M., 2016 Source of the DocumentJournal of Physical Chemistry B 120 (39), pp. 11320-11330, [@2016](#)
2785. Pietralik Z, Skrzypczak A, Kozak M, Dicationic Surfactants with Glycine Counter Ions for Oligo- and Polymers, 4;17(15):2424-33, [@2016](#)
2786. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin, Coated

510. Georgieva, R, Chachaty C, **Hazarosova R**, Tessier C,, Nuss P, **Momchilova A**, **Staneva G**. Docosahexaenoic acid: A comparison study of docosahexaenoic versus oleic acid containing phosphatidylcholine in raft-like mixtures. DOI:10.1016/j.bbamem.2015.02.027. Epub 2015 Mar 9., 1424-1435. ISI IF:3.42

Izumupa ce ε:

2787. Tulodziecka, K., Diaz-Rohrer, B.B., Farley, M.M., Chan, R.B., Paolo, G.D., Levental, K.R., Neary, P., postsynaptic plasma membrane during neural development, *Molecular Biology of the Cell*, 27 (22), 2016, 4231-4243, [@2016](#)
2788. Engberg, O., Hautala, V., Yasuda, T., Dehio, H., Murata, M., Slotte, J.P., Nyholm, T.K.M, The Affinity Lateral Segregation in Bilayers, *Biophysical Journal*, 111(3), 546-556, 2016, [@2016](#)
2789. Levental, K.R., Lorent, J.H., Lin, X., Skinkle, A.D., Surma, M.A., Stockenbojer, E.A., Gorfe, A.A., Levental, K.R., Domain stability by tuning membrane order, *Biophysical Journal*, 110 (8), 1800-1810, 2016, [@2016](#)
2790. Santos, G., Díaz, M., Torres, N. V., Lipid raft size and lipid mobility in non-raft domains increase during the progression of Alzheimer's disease. Predictions from an agent-based mathematical model, *Frontiers in Physiology*, 7, 2016, 1-10, [@2016](#)
2791. Emendato, A., Spadaccini, R., De Santis, A., Guerrini, R., D'Errico, G., Picone, D., Preferential interaction of Omega-3-containing lipid bilayers: Structure and interaction studies, *FEBS*, 590(4), 582-591, 2016, [@2016](#)
2792. Lin, X., Lorent, J., Skinkle, A., Levental, K., Waxham, M., Gorfe, A., Levental, I., Domain Stability of Polyunsaturation, *J. Phys. Chem. B*, 120 (46):11930-11941, 2016, [@2016](#)

511. Atanassova, Vassia. Interpretation in the intuitionistic fuzzy triangle of the results, obtained by the intercriteria analysis of the results of the experiments. DOI:10.13140/RG.2.2.62520-77-6, ISSN:1951-6851, DOI:10.2991/ifsa-eusflat-15.2015.193, 1369-1374

Izumupa ce ε:

2793. Roeva, O., Perez, J., Valdez, F., & Castillo, O. InterCriteria Analysis of Bat Algorithm with Parameter Adaptive Systems. *Notes on Intuitionistic Fuzzy Sets*, 22(1), 91-105, [@2016](#)
2794. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of *Lactobacillus* MC 5, *J. of Int. Scientific Publications: Materials, Methods & Technology*, Vol. 10, 2016, 468-486, [@2016](#)

512. Atanassova, Vassia, Lyubka Doukovska, Dimitar Karastoyanov, Frantisek Capkovic. InterCriteria Decision

Competitiveness Analysis: Trend Analysis. Proceedings of the 7th IEEE International Conference Intelligent Systems and Applications, Poland, Volume 1: Mathematical Foundations, Theory, Analyses, In Series: Advances in Intelligent Systems and Applications, 2016, 319-11312-8 (P, DOI:10.1007/978-3-319-11313-5_10, 107-115. SJR:0.13

Izumupa ce в:

2795. Krawczak, M., Bureva, V., Sotirova, E., & Szmidt, E. (2016). Application of the InterCriteria Decision Analysis for Modelling of Process for the Unicellular Protein Production. In *Intercriteria Analysis for Uncertainty Representation and Processing* (pp. 365-372). Springer International Publishing.
2796. Roeva, O., Fidanova, S., & Paprzycki, M. (2016). *InterCriteria Analysis of ACO and GA Hybrid Algorithm for Optimization* (pp. 107-126). Springer International Publishing., @2016
2797. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. In *Intercriteria Analysis for Uncertainty Representation and Processing* (pp. 455-467). Springer International Publishing., Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, @2016

513. **Angelova, Nora, Atanassov, Krassimir**, Riečan, Beloslav. Intercriteria analysis of the intuitionistic fuzzy imprecise sets. In *Intercriteria analysis of the intuitionistic fuzzy imprecise sets*, 21, 5, Publishing House of the Bulgarian Academy of Sciences, 2015, ISSN:1310-4926, 20-23

Izumupa ce в:

2798. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to triples. In *Intercriteria analysis: From pairs to triples*, 2016, No. 5, 98–110, @2016

514. **Angelova, M, Roeva, O, Pencheva, T.** *InterCriteria Analysis of Crossover and Mutation Rates Relations in Genetic Algorithms*. In *Science and Information Systems*, 5, 2015, ISBN:978-83-60810-66-8, ISSN:2300-5963, 419-424

Izumupa ce в:

2799. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of the Pollution of the Struma River in the Bulgaria. In *Intercriteria Analysis for Evaluation of the Pollution of the Struma River in the Bulgaria*, 2016, 22(3), 120-130., @2016
2800. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of Lactis Mc 5. In *J. of Int. Scientific Publications: Materials, Methods & Technology*, 2016, 10, 468-486., @2016
2801. Ilkova T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. In *Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production*. Springer International Publishing: Materials, Methods & Technology, 2016, 10, 455-467., @2016
2802. Krumova S., S. Todinova, D. Mavrov, P. Marinov, V. Atanassova, K. Atanassov, S. G. Taneva, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. In *Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production*. Springer International Publishing: Materials, Methods & Technology, 2016, in press., @2016
2803. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to triples. In *Intercriteria analysis: From pairs to triples*, 2016, No. 5, 98–110, @2016

515. **Roeva, O., Vassilev, P., Angelova, M., Pencheva, T..** *InterCriteria Analysis of Parameters Relations in Genetic Algorithms*. In *Lecture Notes in Artificial Intelligence*, Vol. 9330 of Lecture Notes in Artificial Intelligence, 2015, ISBN:978-3-319-24305-4, 1-10

Izumupa ce в:

2804. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of the Pollution of the Struma River in the Bulgaria. In *Intercriteria Analysis for Evaluation of the Pollution of the Struma River in the Bulgaria*, 2016, 22(3), 120-130., @2016
2805. Ilkova T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. In *Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production*. Springer International Publishing: Materials, Methods & Technology, 2016, 10, 455-467., @2016
2806. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of Lactis Mc 5. In *J. of Int. Scientific Publications: Materials, Methods & Technology*, 2016, 10, 468-486., @2016

516. **Pencheva, T., Angelova, M., Atanassova, V., Roeva, O..** *InterCriteria Analysis of Genetic Algorithm for Modelling of Process for the Unicellular Protein Production*. In *Intuitionistic Fuzzy Sets*, 21, 2, 2015, ISSN:1310-4926, 99-110

Izumupa ce e:

2807. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
2808. Mollajafari M., H. S. Shahhoseini, An Efficient ACO-Based Algorithm For Scheduling Tasks Onto Dynamic Likened Construction Graph, Applied Intelligence, 2016, DOI 10.1007/s10489-016-0782-2., **@2016**
2809. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultures of Lactis Mc 5, J. of Int. Scientific Publications: Materials, Methods & Technology, 2016, 10, 468-486., **@2016**
2810. Ilkova T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production, J. of Int. Scientific Publications: Materials, Methods & Technology, 2016, 10, 455-467., **@2016**

517. **A. KOSTADINOVA, B. NIKOLOVA, P. HANDJIISKA, M.R. BERGER, I. TSONEVA.** COMBINING MILTEFOSINE AND CORTICOSTEROIDS FOR TREATMENT OF KERATINOCYTE CELL LINE HaCaT. Romanian Reports in Physics, 63, 2015

Izumupa ce e:

2811. Improved anticancer and antiparasitic activity of new lawsone Mannich bases, **@2016**
518. **Andreeva, T., Castano, S., Krumova, S., Lecomte, S., Taneva, S..** Effect of protonation on the secondary complex II studied by PM-IRRAS. Langmuir, 31, 42, ACS Publications, 2015, ISSN:0743-7463, DOI:10.1021/acs.langmuir.5b03932

Izumupa ce e:

2812. Renata Welc, Rafal Luchowski, Wojciech Grudzinski, Michał Puzio, Karol Sowinski, and Wiesław I. Górecki. Photosynthetic Antenna Protein Lhcb1-Lhcb2 Is Embedded in Proteins in Regulation of the Photosynthetic Antenna Function in Plants, Revealed by Model-Based Approach. Accepted Manuscript DOI: 10.1021/acs.jpcb.6b10393 Publication Date (Web): December 2, 2016, **@2016**
519. **Krumova, S. B., Todinova, S. J., Danailova, A., Petkova, V., Dimitrova, K., Gartcheva, L., Taneva, S..** Implication for patient's diagnosis and monitoring. Thermochimica Acta, 615, Elsevier, 2015, DOI:10.1016/j.tca.2015.09.016

Izumupa ce e:

2813. Garbett N.C., Brock G.N., Differential scanning calorimetry as a complementary diagnostic tool for the detection of breast cancer. Journal of Clinical Biochemistry and Nutrition, 57(2), 125-131, 2015, DOI:10.1016/j.jcbn.2015.10.004
520. **Dobrikova, A.G., Apostolova, E.L..** Damage and protection of the photosynthetic apparatus from UV-B radiation. Journal of Photochemistry and Photobiology B: Biology, 144, 2015, DOI:doi:10.1016/j.jplph.2015.06.008, 98-105. SJR:1.004, ISI IF:2.557

Izumupa ce e:

2814. Guidi L., C. Brunetti, A. Fini, G. Agati, F. Ferrini, A. Gori, M. Tattini. (2016) UV radiation promotes flavonoid biosynthesis and the de-epoxidation of xanthophylls: Consequence for photoprotection? Environ. Exper. Botany, 119, 1-10, 2016
2815. Tilbrook K., M. Dubois, C.D. Crocco, R. Yin, R. Chappuis, G. Allorent, E. Schmid-Siegert, M. Goldschmidt, and acclimation in Chlamydomonas reinhardtii. The Plant Cell 28(4): 966-983., **@2016**
2816. Ansar S., NJ Siddiqi, S. Zargar, MA Ganaie and M. Abudawood (2016) Hepatoprotective effect of Quercetin against DNA damage in wistar rats - BMC Complementary and Alternative Medicine 16(1):327., **@2016**

521. **Krasteva V, Jekova I, Leber R, Schmid R, Abächerli R.** Validation of arrhythmia detection library on bedside monitor. Computing in Cardiology, 42, 2015, ISSN:2325-8861, 737-740

Izumupa ce e:

2817. Liu C, Zhao L, Tang H, Li Q, Wei S, Li J, (2016), Life-threatening false alarm rejection in ICU: Using the decision-making method, Physiological Measurement, 37(8), pp. 1298-1312, ISSN: 0967-3334; N15., **@2016**

Humana esse

- 2835.** Mert A, (2016), ECG feature extraction based on the bandwidth properties of variational mode decomposition, 543, doi: 10.1088/0967-3334/37/4/530, ISSN: 0967-3334; N18., **@2016**

2836. Clifford G, Silva I, Moody B, Li Q, Kella D, Chahin A, Kooistra T, Perry D, Mark R, (2016), Feature Measurement, vol. 37(8), pp. E5–E23; ISSN: 0967-3334; N38., **@2016**

524. Angelova, A., B. Angelov, **R. Mutafchieva**, S. Lesieur. Biocompatible Mesoporous and Soft Nanoarchitectures Polymers and Materials, 25, 2, Springer US, 2015, ISSN:ISSN 1574-1443, DOI:10.1007/s10904-014-0143-8, 21

I lumupa ce e:

2837. Mirtamizdoust B., D. C. Bieńko, Y. Hanifehpour, E. R. T. Tiekkink, V. T. Yilmaz, P. Talemi, S. Woo Joo, Zag Metal–Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Stability, and Luminescence Properties of [Zn₂(L)₂(H₂O)₂]_n. Journal of Inorganic and Organometallic Polymers and Materials, 26 (4), 2016, 819-828

2838. Le B.T.C., N. Tran, X. Mulet, D.A. Winkler. Modelling the influence of fatty acid incorporation on the performance of polymeric drug delivery systems. Molecular pharmaceutics, 13 (3), 2016, 996–1003. ISSN: 1543-8384, **@2016**

2839. Kulkarni C. V., Z. Moinuddin, Y. Agarwal. Effect of fullerene on the dispersibility of nanostructured fullerene stabilized emulsions. J. Colloid and Interface Science, 480, 2016, 69–75. ISSN: 0021-9797, **@2016**

2840. Hansda C., B. Dutta, U. Chakraborty, T. Singha, S. A. Hussain, D. Bhattacharjee, S. Paule, P. K. Bhattacharya. Preparation of electrostatic self-assembled film of Azo dye Chromotrope-2R and a Polycation. J. Luminescence, 178, 2016, 100–105.

2841. Jia F., H. Gao, H. Jia, W. Zhang. Nanostructured lipid carriers with liquid crystal structure encapsulation: An in vitro study. Molecular Crystals and Liquid Crystals, 633 (1) 2016, 1-13. ISSN: 1542-1406, **@2016**

525. Atanassov, Krassimir, Vassia Atanassova, George Gluhchev. InterCriteria Analysis: Ideas and problems. Notes on Intuitionistic Fuzzy Sets, 22, No. 1, ISSN:1310-4926, 81-88

I lumupa ce e:

2842. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production. Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**

2843. Fidanova, S., Roeva, O., Gepner, P., & Paprzycki, M. (2016, September). InterCriteria Analysis of Genetic Information Systems (FedCSIS), 2016 Federated Conference on (pp. 547-550). IEEE., **@2016**

2844. Roeva, O., Vassilev, P., Fidanova, S., & Paprzycki, M. (2016). InterCriteria Analysis of Genetic Information Systems. In Computational Optimization (pp. 235-260). Springer International Publishing., **@2016**

2845. Roeva, O., Pencheva, T., Angelova, M., & Vassilev, P. (2016). InterCriteria Analysis by Pairs and Triplet Identification. In Recent Advances in Computational Optimization (pp. 193-218). Springer International Publishing.

2846. Sotirov, S., Sotirova, E., Melin, P., Castillo, O., & Atanassov, K. (2016). Modular Neural Network for InterCriteria Analysis Method. In Flexible Query Answering Systems 2015 (pp. 175-186). Springer International Publishing.

2847. Roeva, O., Perez, J., Valdez, F., & Castillo, O. InterCriteria Analysis of Bat Algorithm with Parameter Adaptation. Notes on Intuitionistic Fuzzy Sets, Vol. 22, No. 3, pp. 91-105., **@2016**

2848. Krawczak, Maciej, Veselina Bureva, Evdokia Sotirova, and Eulalia Szmidt. "Application of the InterCriteria Analysis for Ranking." In Novel Developments in Uncertainty Representation and Processing, pp. 365-372. Springer International Publishing.

2849. Roeva, Olympia, and Peter Vassilev. "InterCriteria Analysis of Generation Gap Influence on Genetic Algorithms." In Uncertainty Representation and Processing, pp. 301-313. Springer International Publishing, 2016., **@2016**

2850. Pencheva, Tania, Maria Angelova, Peter Vassilev, and Olympia Roeva. "InterCriteria Analysis Approach for Process Model." In Novel Developments in Uncertainty Representation and Processing, pp. 385-397. Springer International Publishing.

526. Vassilev P., L. Todorova, V. Andonov. An auxiliary technique for InterCriteria Analysis via a three dimensional approach. Notes on Intuitionistic Fuzzy Sets, 21, 2, 2015, 71-76

I lumupa ce e:

2851. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, **@2016**
527. Simova I., Christov I, Bortolan G. A review on electrocardiographic changes in diabetic patients. Current Diab SJR:3.12

I lumupa ce e:

2852. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological se Int. J. of Bioautomation, 20, (1), pp., **@2016**
2853. Israel CW, Lee-Barkey YH (2016) Plötzlicher Herztod bei Diabetes mellitus. Herz, Springer Medizin pp.
2854. Farshid A, Tamaddonfar E, Moradi-Arzloo M, Mirzakhani N (2016 in press). The effects of crocin function and pathology in streptozotocin-induced diabetic rats. Avicenna Journal of Phytomedicine, 1-11
528. Bortolan G, Christov I, Simova I, Dotsinsky I. Noise processing in exercise ECG stress test for the analysis alternans. Biomedical Signal Processing and Control, 11, 2015, 378-385. SJR:2.07, ISI IF:1.68

I lumupa ce e:

2855. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological se Int. J. of Bioautomation, 20, (1), pp., **@2016**
2856. Cammarota C Curione M (2016). Trend extraction in functional data of R and T waves amplitudes of pages, <http://arxiv.org/abs/1602.05907>, **@2016**
529. Bakalova, R., Zhelev, Z., Lazarova, D., Nikolova, B., Atanasova, S., Zlateva, G., Aoki, I.. Delivery of size tumors, visualized by quantum dots and optical imaging in vivo.. Biotechnol. & Biotechnol. Eq, 29, 1, 2015. ISI IF:0.622

I lumupa ce e:

2857. Shi, F., Zhao, Y., Firempong C., Xu, X. Preparation, characterization and pharmacokinetic studies Pharmaceutical Biology DOI:10.3109/13880209.2016.1155630, 2016., **@2016**
2858. Tuguntaev, R.G. Okeke, C.I. Xu, J. Li, C.Wang, P.C.Liang, X.-J. Nanoscale polymersomes as anti-cancer Current Pharmaceutical Design, 22, 19, 2857-2865, 2016., **@2016**
2859. Feng, ST; Li, H., Luo, Y., Cai, H., Dong, Z., Fang, Zh., Shuai, X., Li, Zi-P. Molecular Targeted M Carcinoma (LoVo) Cells Using Novel Superparamagnetic Iron Oxide- Loaded Nanovesicles: In Vitro a 6, 551-560(10), 2016., **@2016**
2860. Jenkins, R., MK Burdette, SH Foulger, Mini-review: fluorescence imaging in cancer cells usin 2016., **@2016**
2861. Xu, G., Zeng, S., Zhang, B., Swihart, MT., Yong, KT., Prasad, P. New Generation Cadmium-Free Q Chem. Rev., Article ASAP, DOI: 10.1021/acs.chemrev.6b00290, Publication Date (Web): September 22, 2016.
2862. Miller, M., Weissleder, R. Imaging the pharmacology of nanomaterials by intravital microscopy: Advanced drug delivery reviews 06/2016; DOI:10.1016/j.addr.2016.05.023, **@2016**
530. Simova I., Christov I, Bortolan G, Abacherly R, Kambova L, Jekova I. Hemodialysis-induced ST-segment ISSN:2325-8861, 1133-1136. SJR:0.63

I lumupa ce e:

2863. Mohamed MM, Ali, RAE, Mahmoud SM (2016) Electrocardiographic changes in chronic hemodia

American Science, 12, (8), pp. 99-104, <http://www.jofamericansscience.org/journals/am-sci/am120816/14>

2864. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**
531. Simova I, Bortoan G, Kambova L, **Christov I**, Katova T. Episodes of T-wave and QRS complex alternans in healthy subjects. *Jumupa ce e:*

2865. Simov D (2016) Electrocardiographic changes in certain cardiovascular physiological and pathological situations. Int. J. of Bioautomation, 20, (1), pp., **@2016**

532. Fratev, F. Activation helix orientation of the estrogen receptor is mediated by receptor dimerization: evidence from molecular modeling. CHEMISTRY CHEMICAL PHYSICS, 17, 20, 2015, 13403-13420. ISI IF:4.449

Jumupa ce e:

2866. Fuxing Li, Xianqiang Sun, Yingchun Cai, Defang Fan, Weihua Li, Yun Tang and Guixia Liu. Computer modeling of the interaction between the estrogen related receptor alpha and its agonists. RSC ADVANCES Volume: 6 Issue: 96 Page: 100000

533. Simov D., Christov I, Bortoan G, Matveev M, Petrov I, Krasteva V. Changes in the electrocardiogram induced by hemodialysis. American Science, 42, 2015, ISSN:2325-8861, 1129-1132. SJR:0.63

Jumupa ce e:

2867. Mohamed MM, Ali RAE, Mahmoud SM, (2016), Electrocardiographic changes in chronic hemodialysis patients. American Science, 12(8), pp. 99-104, ISSN 1545-1003, <http://www.jofamericansscience.org/journals/am-sci/am120816/14> N20., **@2016**

534. Mrówczyński, W., Celichowski, J., Raikova, R.. Physiological consequences of doublet discharges on motor cortex. Cellular Neuroscience, 81, 9, 2015, DOI:doi: 10.3389/fncel.2015.00081, ISI IF:4.3

Jumupa ce e:

2868. Louis-Solal Giboin, Patrick Thumm, Raphael Bertschinger and Markus Gruber. Intermittent Theta Bursts during the Anaerobic Test and Prevent the Reduction of Voluntary Activation Measured with Transcranial Magnetic Stimulation. 2016 | <http://dx.doi.org/10.3389/fnbeh.2016.00150>, **@2016**

2869. Z'Graggen, W.J., Trautmann, J.P., Bostock, H. (2016) Force training induces changes in human muscle. Journal of Applied Physiology, 120, 54, Issue 1, 1 July 2016, Pages 144-146., **@2016**

535. Popova, A.V., Rausch, S., Hundertmark, M., Gibon, Y., Hincha, D.K.. The intrinsically disordered protein LEAFY COTTON 1 is an enzyme lactate dehydrogenase and enzymes in a soluble leaf proteome during freezing and drying. DOI:10.1016/j.bbapap.2015.05.002, 1517-1525. ISI IF:2.747

Jumupa ce e:

2870. Eriksson S., Eremina N., Barth A., Danielsson J., Harryson P., 2016, Membrane-induced folding of the membrane protein ANP1. DOI:10.1104/pp.15.01531, **@2016**

2871. Stevenson S., Kamisugi Y., Trinh C., Schutz J., Jenkins J.W., Grimwood J., Muchero W., Tuskan G.A., Rothfels C.J., Li F.-W., Larsson A., Wong G.K.-S., Edwards T.A., Cuming A.C., 2016, Genetic analysis of the Arabidopsis thaliana ANTHOCYANIN NON RESPONSIVE (ANR), a regulator of ABA responses unique to basal land plants and required for seed dormancy. DOI:10.1105/tpc.16.00091, **@2016**

2872. Zhao C., Zhang Z., Xie S., Si T., Li Y., Zhu J.-K., 2016, Mutational evidence for the critical role of the Arabidopsis thaliana ANR gene in seed dormancy. Plant Physiology, 171 (4) 2744-2759., **@2016**

- 2873.** Hu T., Zhou N., Fu M., Qin J., Huang X., 2016, Characterization of OsLEA1a and its inhibitory effect on International Journal of Biological Macromolecules, 91, 1010-1017., **@2016**
- 2874.** Furuki T., Sakurai M., 2016, Group 3 LEA protein model peptide protects enzymes against desiccation, online 27 April 2016, **@2016**
- 2875.** Jiang, J., Jia, H., Feng, G., Wang, Z., Li, J., Gao, H., Wang, X., 2016, Overexpression of *Medicago* Arabidopsis seeds, alfalfa leaves, and delays dark-induced leaf senescence, Plant Science, 249, 1 August
- 2876.** Moore, D.S., Hansen, R., Hand, S.C., 2016, Liposomes with diverse compositions are protected during *franciscana* and trehalose, Biochim. Biophys. Acta - Biomembranes, 1858 (1) 104-115, **@2016**
- 2877.** Hu T., Zhou N., Fu M., Qin J., Huang X., 2016, Characterization of OsLEA1a and its inhibitory effect on International Journal of Biological Macromolecules, Available online 23 June 2016, **@2016**

536. **Roeva, O.**, S. Fidanova, M. Paprzycki. Population Size Influence on the Genetic and Ant Algorithms Performance Studies in Computational Intelligence, 580, Springer, 2015, ISBN:978-3-319-12630-2, 107-120. SJR:0.235

Izumupa ce ε:

- 2878.** Sani NS, Substructural Analysis Using Evolutionary Computing Techniques, PhD Thesis, The University of...
- 2879.** Yuxin Liu, Jindan Liu, Xianghua Li, Zili Zhang, A Self-Adaptive Control Strategy of Population Size for Swarm Intelligence, Volume 9712 of the series Lecture Notes in Computer Science pp 443-450, Date:...

537. **Roeva, O.**, S. Fidanova, **Vassilev, P.**, P. Gepner. InterCriteria Analysis of a Model Parameters Identification Science and Information Systems, 5, 2015, DOI:10.15439/2015F223, 501-506

Izumupa ce ε:

- 2880.** Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bulgaria, 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
- 2881.** Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Production Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
- 2882.** Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Culture of *Lactobacillus* MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486

538. **Atanassov, Krassimir.** Intuitionistic fuzzy logics as tools for evaluation of Data Mining processes. Knowledge-Based Systems, 7051, DOI:<http://dx.doi.org/10.1016/j.knosys.2015.01.015>, 122-130. SJR:2.19, ISI IF:2.947

Izumupa ce ε:

- 2883.** Cheng, W. C. (2016). Application of Genetic Algorithm-Based Intuitionistic Fuzzy Neural Network to Medical Diagnosis in Emergency Room (Doctoral dissertation). National Taiwan University of Science and Technology. (Doctoral dissertation)
- 2884.** Butt, M. A., & Akram, M. (2016). A new intuitionistic fuzzy rule-based decision-making system for anemia diagnosis, 5(1), 1547. DOI: 10.1186/s40064-016-3216-z, **@2016**
- 2885.** Zhang, C., Li, D., & Ren, R. (2016). Pythagorean fuzzy multigranulation rough set over two universes. International Journal of Intelligent Systems. Volume 31, Issue 9, September 2016, Pages 921–943, **@2016**

539. Arregi, I., Falces, J., Olazabal-Herrero, A., Alonso-Mariño, M., **Taneva, S.G.**, Rodríguez, J.A., Urbaneja, M.A. Nucleophosmin Alters Recognition by CRM1: Molecular Basis of Aberrant Transport. PLoS ONE, 11(1), DOI:10.1371/journal.pone.0130610, e0130610. ISI IF:3.23

Izumupa ce ε:

- 2886.** Guillonneau, Maeva; Paris, Francois; Dutoit, Soizic; et al., Oxidative stress disassembles the p38/NF-κB...

540. Stoichev, S., Krumova, S. B., Andreeva, T., Busto, J. V., Todanova, S., Balashev, K., Busheva, M., Go... macroorganization and thermal stability of PSII supercomplexes in grana membranes.. Biophysical Journal DOI:<http://dx.doi.org/10.1016/j.bpj.2014.12.042>, 844-853. ISI IF:3.972

Цитира се в:

2887. Live-cell visualization of excitation energy dynamics in chloroplast thylakoid structures By:Iwai, M; Y... SCIENTIFIC REPORTS Volume: 6, Article Number: 29940, DOI: 10.1038/srep29940, Published: JUL 1, 2016

541. Fratev, F., Tsakovska, I., Al Sharif, M., Mihaylova, E., Pajeva, I.. Structural and Dynamical Insight into Protein Receptor Interactions of Non-Covalent Antagonists. International Journal of Molecular Sciences, 16, 7, 2015, 15220

Цитира се в:

2888. Routti H, Lille-Langøy R, Berg MK, Fink T, Harju M, Kristiansen K, Rostkowski P, Rusten M, Sylte I, O... Modulate Polar Bear (*Ursus maritimus*) Peroxisome Proliferator-Activated Receptor Gamma (PPARGC1A). 2016 Oct 4;50(19):10708-10720, DOI: 10.1021/acs.est.6b03020, @2016

2889. Mellor, C.L., Steinmetz, F.P., Cronin, M.T.D. Using Molecular Initiating Events to Develop a Structure-Activity Receptor Ligands Associated with Hepatic Steatosis. Chem. Res. Toxicol., Just Accepted Manuscript DOI: 10.1021/acs.est.6b03020

2890. Chia LL, Jantan I, Chua KH, Lam KW, Rullah K, Aluwi MF. Effects of Tocotrienols on Insulin Secretion from Islets in a Dynamic Culture. Front Pharmacol. 2016 Aug 30;7:291. DOI: 10.3389/fphar.2016.00291, @2016

542. Ilkova, T., M. Petrov. Intercriteria Analysis for Identification of Escherichia Coli Fed-Batch Mathematical Model. Materials, Methods & Technology, 9, 2015, ISSN:ISSN 1314-7269, 598-608

Цитира се в:

2891. Sharmila S., I. Arockiarani, A Pollution Model of the River Ganges through Inter Criteria Analysis, Research in Oceans and Oceanography, 2016, 10(2), 81-91, ISSN 0973-2667, @2016

543. Alov, P., Tsakovska, I., Pajeva, I.. Computational Studies of Free Radical-Scavenging Properties of Phenolic Compounds. CHEMISTRY, 15, 2, Bentham Science Publishers, 2015, ISSN:1873-5294, DOI:10.2174/1568026615666141200

Цитира се в:

2892. Bond dissociation energies and enthalpies of formation of flavonoids: A G4 and M06-2X investigation, Margot Paulino. Computational and Theoretical Chemistry, 2016, doi:10.1016/j.comptc.2016.06.021, @2016

2893. I. M. Sytnik, M. V. Khaitovych, P. A. Chernovol. Antioxidant activity of angiotensin II inhibitors and their effect on the heart in vitro and in silico. Фармакологія та лікарська токсикологія, № 2 (48), 2016, 80-85. УДК 615.224: 036.01: 616.31: 616.317.2: 616.317.2.01: 616.317.2.01.01: 616.317.2.01.01.01

2894. The Potential of Plant Phenolics in Prevention and Therapy of Skin Disorders, Magdalena Działo, Justyna Szopa and Anna Kulma. Int. J. Mol. Sci. 2016, 17, 160, doi:10.3390/ijms17020160, @2016

2895. Theoretical and experimental analysis of the antioxidant features of diarylhydrazones Swarada Peeranandha, Marianna Török, Béla Török Structural Chemistry (2016), doi:10.1007/s11224-016-0867-x, @2016

2896. Antioxidant Properties of Kynurenines: Density Functional Theory Calculations Aleksandr V. Zhuravlev, Elena V. Savvateeva-Popova PLOS Computational Biology (2016), @2016

2897. Laccase catalysis for the synthesis of bioactive compounds Kudanga, T., Nemadziva, B. & Le Roux, J. P. doi:10.1007/s00253-016-7987-5, @2016

2898. In Vitro Dermo-Cosmetic Evaluation of Bark Extracts from Common Temperate Trees, Jane Hubert, Rosalia, Amin Abedini, Ali Bakiri, Romain Reynaud, Jean-Marc Nuzillard, Sophie C. Gangloff, Ale... @2016

2899. Biochemical changes in blood serum of rats with experimental burn disease and their correction with me Ostapchenko, Bulletin of Taras Shevchenko National University of Kyiv. Series: Problems of Physiology 48., **@2016**
544. Ilkova, T., M. Petrov. Application of InterCriteria Analysis to the Mesta River Pollution Modelling. Notes on 4926, 118-125
- Цитура ce в:
2900. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, **@2016**
545. Todorova, R. Structure-Function Based Molecular Relationships in Ewing's Sarcoma.. BioMed Research International 2015, ISSN:2314-6141 (Electronic) 2314-6133 (Print), DOI:10.1155/2015/798426, 1-15. SJR:0.61, ISI IF:1.579
- Цитура ce в:
2901. EWS Transcript of EWS by Jessica Mui on 14 August 2015 EWS Prezi Presentation - Bibliography of Prezi, **@2016**
2902. Mdadi JG and Mahdi EJ. Heterogeneity Perspectives of Sarcomas. Sarcoma Res Int. 2016; 3(1): Mahdi., **@2016**

2016

546. Fidanova, S., Roeva, O.. InterCriteria Analysis of Ant Colony Optimization Application to GPS Surveying Generalized Nets, 12, 2016, 20-38
- Цитура ce в:
2903. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, **@2016**
547. Krasteva V, Jekova I, Leber R, Schmid R, Abächerli R. Real-time arrhythmia detection with supplemental reduction of false alarms in ICUs. Physiological Measurement, 37, IOPscience, 2016, ISSN:0967-3334, DOI:10.1088/0967-3334/37/1/017001, IF:1.576
- Цитура ce в:
2904. Voigt LP, Reynolds K, Mehryar M, Chan WS, Kostelecky N, Pastores SM, Halpern NA, (2016) in press. Real-time arrhythmia detection with supplemental reduction of false alarms in ICUs. Physiological Measurement, 37, IOPscience, 2016, ISSN:0967-3334, DOI:10.1088/0967-3334/37/1/017001, IF:1.576
2905. Clifford G, Silva I, Moody B, Li Q, Kella D, Chahin A, Kooistra T, Perry D, Mark R, (2016), Fast Measurement, vol. 37(8), pp. E5–E23; ISSN: 0967-3334; N40., **@2016**
548. Apostolova S., Toshkova R., Momchilova A., Tzoneva R.. Statins and Alkylphospholipids as New Anticancer Agents in Medicinal Chemistry, 16, 12, Bentham Science, 2016, ISSN:1875-5992, DOI:10.2174/187152061666
- Цитура ce в:
2906. Cancer risk in older people receiving statin therapy: a meta-analysis of randomized controlled trials, Heart Geriatric Cardiology, **@2016**
549. Roeva, O., S. Fidanova, Marcin Paprzycki. InterCriteria Analysis of ACO and GA Hybrid Algorithms. Studies DOI:10.1007/978-3-319-21133-6_7, 107-126. SJR:0.187

I lumupa ce e:

2907. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, [@2016](#)
2908. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., [@2016](#)
2909. Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Pro Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, [@2016](#)
2910. Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486.

550. **Pencheva, T., Angelova, M., Vassilev, P., Roeva, O.** InterCriteria Analysis Approach to Parameter Ident Developments in Uncertainty Representation and Processing, Vol. 401 of Advances in Intelligent Systems and C

I lumupa ce e:

2911. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, [@2016](#)
2912. Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., [@2016](#)
2913. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cul Lactis Mc 5, J. of Int. Scientific Publications: Materials, Methods & Technology, 2016, 10, 468-486., [@](#)
2914. Ilkova T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Pro Publications: Materials, Methods & Technology, 2016, 10, 455-467., [@2016](#)

551. **Christov I, Simov D, Dotsinsky I**, Simova I. Increase of electrical impedance following hemodialysis is Noninvasive Electrocardiology, 21, 2, 2016, ISSN:Online ISSN: 1542-474X, DOI:DOI: 10.1111/anec.12336, 21

I lumupa ce e:

2915. Astan R, Ozeke O (2016) Theories and controversies on mechanism of electrocardiographic changes du of Noninvasive Electrocardiology. 21, (2), pp. 215-216, [@2016](#)
552. Bakalova, R., **Nikolova, B.**, Murayama, S., **Atanasova, S.**, **Zhelev, Zh.**, Aoki, I., Kato, M., **Tsoneva, I.**, Saga, T nanoparticles in solid tumors, visualized by optical and magnetic resonance imaging in vivo.. Anal. Bioanal. Ch 015-9182-4, 905–914. ISI IF:3.5

I lumupa ce e:

2916. Dall'Araa, E., M. Boudiffaa, C. Taylor, D. Schug, E. Fiegle, A.J. Kennerley, C. Damianouf, G.M. Toze the ageing mouse. Mechanisms of Ageing and Development. In press 13 August 2016, [@2016](#)
2917. Zhou H, Ye Z, Yu Z, Su M, Du J. Application of Low-Field Nuclear Magnetic Resonance and Proto 'Jinxiu' Yellow Peach's Storage Suitability. Emir. J. Food Agric.; 28(9): 633-643. doi:10.9755/ejfa.2016
2918. Lai, W.-Fu, He, Zh.-D. Design and fabrication of hydrogel-based nanoparticulate systems for in vivo dru

553. Petrov P, Mokreva P, Kostov I, **Uzunova V, Tzoneva R**. Novel electrically conducting 2-hydroxyethylcellul and application in tissue engineering. Carbohydrate polymers, Elsevier, 2016, ISSN:0144-8617, ISI IF:4.074

I lumupa ce e:

2919. Optimization of electrical stimulation parameters for MG-63 cell proliferation on chitosan/function Allahyari, Nooshin Haghhighipour, b Fathollah Moztarzadeh, a Leila Ghazizadeh, b Mohammad Hamm

Gholizadeh, RSC Adv., , **@2016**

- 2920.** Self-assembly, optical, thermal and electrochemical properties of bis-N-benzyl perylene diimide dye, Photochem. Photobiol. Sci, **@2016**
- 2921.** Electrically conductive nanofibrous scaffolds based on poly(ethylene glycol)s-modified polyaniline applications, Hatamzadeh, M., Najafi-Moghadam, P., Beygi-Khosrowshahi, Y., Massoumi, B., Jaymand, 6 (107), pp. 105371-105386, **@2016**
- 2922.** Advanced technologies to improve wound healing: Electrical stimulation, vibration therapy, and ultrasound Gellada, K., Corbiere, T.F., Koh, T.J., 2016 Source of the DocumentPlastic and Reconstructive Surgery,

- 554.** **Todorova L., P. Vassilev**, J. Surchev. Using Phi Coefficient to Interpret Results Obtained by InterCriteria Computing, 401, Springer, 2016, 231-239

I lumupa ce ε:

- 2923.** Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to triples, No. 5, 98–110, **@2016**

- 555.** Georgieva, R., Mircheva, K., Vitkova, V., Balashev, K., Ivanova, T., Tessier, C., Koumanov, K., Nuss, P., induced remodeling processes on liquid-ordered/liquid-disordered membranes containing docosahexaenoic or oleic acids, Publications, 2016, ISSN:07437463, DOI:10.1021/acs.langmuir.5b03317, 1756-1770. ISI IF:3.993

I lumupa ce ε:

- 2924.** Furlan, A.L., Saad, A., Dufourc, E.J., Géan, J, Grape tannin catechin and ethanol fluidify oral membranes cholesterol: Implications on wine tasting?, Biochimie, 130, 41-48, 2016, **@2016**

- 556.** Stratiev D., Sotirov S., Shishkova I., Nedelchev A., Sharafutdinov I., Vely A., Mitkova M., Yordanov D., Sotirov D., Rudnev N., **Ribagin S.** Investigation of relationships between bulk properties and fraction properties of crude oil, Petroleum Science and Technology, 34, 13, Taylor & Francis, 2016, 1113-1120. ISI IF:0.418

I lumupa ce ε:

- 2925.** Atanassova V., L. Doukovska, A. Michalikova, I. Radeva, Intercriteria analysis: From pairs to triples, No. 5, 98–110, **@2016**

- 557.** **Stefanov, M., Yotsova, E., Rashkov, G.**, Ivanova, K., Markovska, Y., **Apostolova, E.L.**. Effects of salinity on plant growth and development. Plant Physiol. Biochem., 101, 2016, ISSN:ISSN: 0981-9428, ISI IF:2.928

I lumupa ce ε:

- 2926.** Pierattini EC, Francini A, Raffaelli (2016) A Morpho-physiological response of Populus alba to erythrocytes. Science of The Total Environment, DOI: 10.1016/j.scitotenv.2016.06.152, **@2016**

- 558.** **Gerganova, M., Popova, A.V., Stanoeva, D., Velitchkova, M..** Tomato plants acclimate better to elevated temperatures than to salt stress when each factor separately. Plant Physiology and Biochemistry, 104, 2016, ISSN:0981-9428, DOI:doi.org/10.1016/j.plaphy.2016.07.016

I lumupa ce ε:

- 2927.** Bettini P.P., Marvasi M., Fani F., Lazzara L., Cosi S., Melani L., Mauro M.L., 2016, Agrobacterium-mediated transformation of transgenic tomato (Solanum lycopersicum L.) plants, J Plant Physiol., 204, 27-35,

- 559.** **Roeva, O., Vassilev, P..** InterCriteria Analysis of Generation Gap Influence on Genetic Algorithms Performance Representation and Processing, series Advances in Intelligent Systems and Computing, 401, Springer, 2016, ISBN: 978-3-319-26211-6_26, 301-313. SJR:0.153

I lumupa ce ε:

- 2928.** Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to 2016, No. 5, 98–110, **@2016**
- 2929.** Ilkova T., M. Petrov, Intercriteria Analysis for Evaluation of Pollution of the Struma River in the Bul 22(3), 2016, 120-130. Print ISSN 1310-4926, Online ISSN 2367-8283., **@2016**
- 2930.** Petrov, M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cu lactis MC 5, J. of Int. Scientific Publications: Materials, Methods & Technology, Vol. 10, 2016, 468-486
- 2931.** Ilkova, T., M. Petrov, Intercriteria Analysis for Modelling of Process for the Unicellular Protein Pro Publications: Materials, Methods & Technology, Vol. 10, 2016, 455-467, ISSN 1314-7269, **@2016**
- 560.** Sotirov, Sotir, Sotirova, Evdokia, Melin, Patricia, Castillo, Oscar, **Atanassov, Krassimir**. Modular Neural Net Fuzzy InterCriteria Analysis Method. Advances in Intelligent Systems and Computing, 400, Springer, 2016, DOI:10.1007/978-3-319-26154-6_14, 175-186. SJR:0.13

Цитира се в:

- 2932.** Fidanova, S. , Roeva, O. , Mucherino, A., Kapanova, K., Intercriteria analysis of Ant algorithm with Lecture Notes in Computer Science, Volume 9883, 2016, Pages 271-278., **@2016**

- 561.** Fratev, F.. PPAR γ helix 12 exhibits an antagonist conformation. Phys Chem Chem Phys., 18, 13, 2016, 9272-9276

Цитира се в:

- 2933.** Heli Routti, Roger Lille-Langøy, Mari K. Berg, Trine Fink, Mikael Harju, Kurt Kristiansen, Paweł Øygarden, and Anders Goksøyr Environmental Science & Technology 2016 50 (19), 10708-10720, **@2016**

- 562.** Guncheva, M., Paunova, K., Ossowicz, P., Rozwadowski, Z., Janus, E., Idakieva, K., **Todinova, S.**, Raynova Yancheva, D.. Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer macromolecules, 82, Elsevier, 2016, ISSN:0141-8130, DOI:10.1016/j.ijbiomac.2015.10.031, 798-805. ISI IF:2.8

Цитира се в:

- 2934.** Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin. Coated

- 563.** **Todorova, R.**, Atanasov, A.T.. Haberlea rhodopensis: pharmaceutical and medical potential as a food additive. Product Letters, 30, 5, Taylor & Francis, 2016, ISSN:1478-6419 (Print), 1478-6427 (Online), DOI:DOI:10.1089/PLIF:0.919

Цитира се в:

- 2935.** Aneliya Kostadinova, Jordan Doumanov, Daniela Moyankova, Sergei Ivanov, Kirilka Mladenova HABERLEA RHODOPENSIS EXTRACTS AFFECT CELL PERIPHERY OF KERATINOCYTES. Comptes rendus de l'Académie bulgare des Tome 69, No 4, 2016., **@2016**

- 2936.** Daniela Moyankova, Dimitar Djilianov. TIME- AND SPACE-SAVING PROCEDURE TO OPTIMIZE PROPERTIES FROM HABERLEA RHODOPENSIS. Comptes rendus de l'Académie bulgare des науките. Tome 69, No 7, 2016. p. 879-884., **@2016**

- 564.** Ilkova, T., O. Roeva, P. Vassilev, M. Petrov. Intercriteria Analysis in Structural and Parameter Identification. Intuitionistic Fuzzy Sets and Generalized Nets, 12, 2016, 39-52

Цитира се в:

- 2937.** Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I., Intercriteria analysis: From pairs to triples No. 5, 98–110., **@2016**

565. Jereva D., Fratev F., Tsakovska I., Alov P., Pencheva T., Pajeva I.. Molecular Dynamics Simulation of the Pharmacophore of the Agonists. Mathematics and Computers in Simulation, 2017, ISSN:0378-4754, IF:1.124

I lumupa ce e:

2938. Ng HL. Simulations reveal increased fluctuations in estrogen receptor-alpha conformation upon antagonist
doi: 10.1016/j.jmgm.2016.08.009, **@2016**