I. Всички публикации - публикувани

- **Звено: (ИББИ) Институт по биофизика и биомедицинско инженерство**
- **Тип на публикацията**:
  Научна монография
  Глава от научна монография
  Студия в научно списание
  Статия в научно списание
  Статия в сборник на научен форум
  Студия в тематичен сборник
  Статия в тематичен сборник
  Научно съобщение
- **Година на публикуване**: 2019 ÷ 2019
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Al Sharif, M.**, **Tsakovska, I.**, **Alov, P.**, Vitcheva, V., **Diukendjieva, A.**, **Pajeva, I.**. Molecular modelling approach to study the PPARγ-ligand interactions. Methods in Molecular Biology, 1966, Springer Protocols, Humana, 2019, DOI:10.1007/978-1-4939-9195-2_22, 261-289. SJR (Scopus):0.605 **Q3 (Scopus)** Линк	1.000	83.33
2	**Al Sharif, M.**, Vitcheva, V., Simeonova, R., Krasteva, I., Manov, V., **Alov, P.**, Popov, G., Shkondrov, A., **Pajeva, I.**. In silico and in vivo studies of Astragalus glycyphylloides saponin(s) with potential relevance to metabolic syndrome modulation. Food and Chemical Toxicology, 130, Elsevier, 2019, 317-325. SJR (Scopus):0.366, JCR-IF (Web of Science):3.375 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
3	**Andreev, N.**, Sotirova, E., **Ribagin, S.**. Intercriteria analysis of data from the centers for transfusion haematology in Bulgaria. Comptes rendus de l'Académie bulgare des Sciences, 72, 7, 2019, ISSN:ISSN 1310–1331, 982-990. JCR-IF (Web of Science):0.251 **Q4 (Scopus)** Линк	1.000	66.67
4	**Andreev, Nikolay**, Sotirova, Evdokia, Shannon, Anthony, **Atanassov, Krassimir**. Generalized Net Model of the Processes in a Center of Transfusion Haematology. Hadjiski M., Atanassov K. (eds) Intuitionistic Fuzziness and Other Intelligent Theories and Their Applications. Studies in Computational Intelligence, vol 757., Springer, 2019, DOI:10.1007/978-3-319-78931-6_8, 123-133. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	50.00
5	**Angelova, M.**, **Pencheva, T.**. InterCriteria Analysis Approach for Comparison of Simple and Multi-population Genetic Algorithms Performance. Recent Advances in Computational Optimization, Vol. 795 of Studies in Computational Intelligence, 2019, ISSN:1860-949X, 117-130. SJR (Scopus):0.184 **Q4 (Scopus)** Линк	1.000	100.00
6	**Angelova, M.**, **Roeva, O.**, **Pencheva, T.**. Artificial Bee Colony Algorithm for Parameter Identification of Fermentation Process Model. Lecture Notes in Electrical Engineering, 574, Springer, 2019, 317-323. SJR (Scopus):0.134 **Q3 (Scopus)** Линк	1.000	100.00
7	**Angelova, M.**, **Roeva, O.**, **Pencheva, T.**. Cuckoo Search Algorithm for Parameter Identification of Fermentation Process Model. Lecture Notes in Computer Science, 11189, 2019, 39-47. SJR (Scopus):0.295 **Q2 (Scopus)** Линк	1.000	100.00

8	**Atanasov, K.**. Generalized Nets, Intuitionistic Fuzzy sets and Data Mining. Prof. Marin Drinov Publishing House of BAS, 2019, ISBN:978-619-245-022-9 **Друго**	1.000	100.00
9	**Atanassov, K.**, **Vassilev, P.**. Interval-valued intuitionistic fuzzy sets over universes with special forms. Notes on Intuitionistic Fuzzy Sets, 25, 4, 2019, DOI:10.7546/nifs.2019.25.4.30-36, 30-36 **Национално академично издателство** Линк	1.000	100.00
10	**Atanassov, K.**, Marinov, P., **Atanassova, V.**. InterCriteria Analysis with Interval-Valued Intuitionistic Fuzzy Evaluations. Lecture Notes in Computer Science, 11529, Springer, 2019, DOI:10.1007/978-3-030-27629-4_30, 329-338. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	66.67
11	**Atanassov, K.**, Sandor, J.. Extension factor: definition, properties and problems. Part 1. Notes on Number Theory and Discrete Mathematics, 25, 3, 2019, DOI:10.7546/nntdm.2019.25.3.36-43, 36-43 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
12	**Atanassov, K.**, Sándor, J.. Inequalities between the arithmetic functions φ, ψ and σ. Part 1. Notes on Number Theory and Discrete Mathematics, 25, 3, 2019, DOI:10.7546/nntdm.2019.25.1.50-53, 50-53 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
13	**Atanassov, K.**, Szmidt, E., Kacprzyk, J., Angelova, N.. Intuitionistic fuzzy implications revisited. Part 1. Notes on Intuitionistic Fuzzy Sets, 25, 3, 2019, DOI:10.7546/nifs.2019.25.3.71-78, 71-78 **Национално академично издателство** Линк	1.000	25.00
14	**Atanassov, K.**. Four interval-valued intuitionistic fuzzy modal-level operators. Notes on Intuitionistic Fuzzy Sets, 25, 3, 2019, DOI:10.7546/nifs.2019.25.3.13-25, 13-25 **Национално академично издателство** Линк	1.000	100.00
15	**Atanassov, K.**. Interval-valued intuitionistic fuzzy graphs. Notes on Intuitionistic Fuzzy Sets, 25, 1, 2019, DOI:10.7546/nifs.2019.25.1.21-31, 21-31 **Национално академично издателство** Линк	1.000	100.00
16	**Atanassov, K.**. On the intuitionistic fuzzy implication →191. Notes on Intuitionistic Fuzzy Sets, 25, 4, 2019, DOI:10.7546/nifs.2019.25.4.1-6, 1-6 **Национално академично издателство** Линк	1.000	100.00
17	**Atanassov, K.**. On the most extended interval-valued intuitionistic fuzzy modal operators from both types. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, DOI:10.7546/nifs.2019.25.2.1-14, 1-14 **Национално академично издателство** Линк	1.000	100.00
18	**Atanassov, K.T.**, **Atanassova, V.**, Chountas, P.. Intercriteria analysis and arithmetic functions. Studies in Computational Intelligence, 757, Springer, 2019, DOI:10.1007/978-3-319-78931-6_1, 1-11. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67
19	**Atanassov, Krassimir**. Brouwer's Ideas and Intuitionistic Fuzziness. In: Kóczy L., Medina-Moreno J., Ramírez-Poussa E. (eds) Interactions Between Computational Intelligence and Mathematics Part 2. Studies in Computational Intelligence, vol 794, Springer, 2019, DOI:10.1007/978-3-030-01632-6_5, 65-81 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
20	**Atanassov, Krassimir**. On two-way generalized nets. In: Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. BGSIAM 2017. Studies in Computational Intelligence, vol 793, Springer, 2019, DOI:10.1007/978-3-319-97277-0_5, 51-62 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
21	**Atanassov, V.**, **Marinov, E.**, **Vassilev, P.**, Alexandrov, A.. An improved intuitionistic fuzzy estimation of the area of 2D-figures based on the Pick's formula. Proceedings of 4th Int. Conf. on Numerical and Symbolic Computation, Porto, April, 11 - 12, 2019, APMTAC –Associação Portuguesa de Mecânica Teórica, Aplicada eComputacional, 2019, ISBN:978-989-99410-4-5, 363-374 **Друго** Линк	1.000	75.00
22	**Atanassova, V.**, **Vassilev, P.**, Bureva, V., Sotirova, E.. InterCriteria analysis of forest fires in the Mediterranean area in 1990–2017. Notes on Intuitionistic Fuzzy Sets, 25, 3, 2019, DOI:10.7546/nifs.2019.25.3.79-87, 79-87 **Национално академично издателство**	1.000	50.00

23	**Atanassova, V.**, Doukovska, L.. A Deeper Look in the InterCriteria Positive Consonance between the Business Sophistication and Innovation Pillars of Competitiveness in the European Union in 2015-2018. Proc. of the 4th International Conference on Numerical and Symbolic Computation Developments and Applications – SYMCOMP'19, 11-12 April 2019, Porto, Portugal, 2019, ISBN:978-989-99410-5-2, 199-213 **Друго**	1.000	50.00
24	**Atanassova, V.**, Doukovska, L.. Business Dynamism and Innovation Capability in the European Union Member States in 2018 through the Prism of InterCriteria Analysis. Lecture Notes in Computer Science, 11529, Springer, 2019, ISBN:978-303027628-7, ISSN:03029743, DOI:10.1007/978-3-030-27629-4_31, 339-349. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	50.00
25	**Christov II**, **Neycheva TD**, **Raikova RT**. ECG-noise removal from EMG-signal by subtraction of hybrid template of averaged PQRS- T intervals. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878620, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
26	**Danailova A.**, **Krumova S.**, Iliev I., Gartcheva L., **Taneva S.G.**, **Todinova S.**. Calorimetric Markers for Inflammation in in vivo Experimental Models. INT. J. BIOAUTOMATION, 23, 4, 2019, DOI:doi: 10.7546/ijba.2019.23.4.000645, 479-488. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	66.67
27	**Diukendjieva, A**, **Alov, P**, **Tsakovska, I**, **Pencheva, T**, Richarz, A, Kren, V, Cronin, M.T.D., **Pajeva, I**. In vitro and in silico studies of the membrane permeability of natural flavonoids from Silybum marianum (L.) Gaertn. and their derivatives. Phytomedicine, 53, Elsevier, 2019, ISSN:0944-7113, 1618-095X, DOI:10.1016/j.phymed.2018.09.001, 79-85. SJR (Scopus):1.024, JCR-IF (Web of Science):4.18 **Q1 - оглавява ранглистата (Scopus)** Линк	1.000	62.50
28	**Diukendjieva, A**, **Tsakovska, I**, **Alov, P**, **Pencheva, T**, **Pajeva, I**, Worth, AP, Madden, JC, Cronin, MTD. Advances in the prediction of gastrointestinal absorption: Quantitative Structure-Activity Relationship (QSAR) modelling of PAMPA permeability. Computational Toxicology, 10, Elsevier, 2019, ISSN:2468-1113, DOI:10.1016/j.comtox.2018.12.008, 51-59 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	62.50
29	**Dobrikova A.G.**, **Apostolova E.L.**. Damage and protection of the photosynthetic apparatus under cadmium stress. Chapter 11. Cadmium Toxicity and Tolerance in Plants: From Physiology to Remediation, 1st Edition, Elsevier, 2019, ISBN:9780128148648, DOI:doi. 10.1016/B978-0-12-814864-8.00011-5, 275-298 **Международно академично издателство (Scopus)** Линк	1.000	100.00
30	**Dotsinsky I**, **Stoyanov T**. Continuously Tested and Used QRS Detection Algorithm: Free Access to the MATLAB Code. International Journal Bioautomation, 23, 1, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2019, ISSN:1314-1902, DOI:10.7546/ijba.2019.23.1.61-70, 61-79. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	100.00
31	**Garvanski I**, Simova I, Angelkov I, **Matveev M**. Predictors of Recurrence of AF in Patients After Radiofrequency Ablation: A Review. European Cardiology Review, 14, 3, Radcliffe Group Ltd, UK, 2019, ISSN:1758-3756, DOI:10.15420/ecr.2019.30.2, 165-168. SJR (Scopus):0.263 **Q3 (Scopus)** Линк	1.000	50.00
32	**Gerganova, M.**, **Faik, A.**, **Velitchkova, M**. Acquired tolerance of the photosynthetic apparatus to photoinhibition as a result of growing Solanum lycopersicum at moderately higher temperature and light intensity. Functional Plant Biology, 46, 2019, DOI:https://doi.org/10.1071/FP18264, 555-566. JCR-IF (Web of Science):2.083 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
33	**Hristova-Panusheva, K**, **Keremidarska-Markova, M**, **Andreeva, T**, Speranza G, Wang, D, Georgieva M, Miloshev G, **Krasteva, N**. Dose-dependent genotoxicity of ammonia-modified graphene oxide particles in lung cancer cells.. Journal of Physics: Conference Series, 1186, IOP Publishing, 2019, ISSN:17426588, DOI:doi:10.1088/1742-6596/1186/1/012009, 1-9. SJR (Scopus):0.221, JCR-IF (Web of Science):0.51 **Q3 (Scopus)** Линк	1.000	50.00

34	**Kostadinova A**, Keranov I. Modifications of the polymer surface aimed at improvingcell adhesion and interaction. eBook: Importance & Applications of Nanotechnology Publisher, MedDocs Publishers LLC, Online edition: http://meddocsonline.org, 2019 **Международно академично издателство** Линк	1.000	50.00
35	**Krasteva V**, **Jekova I**, Schmid R. Simulating arbitrary electrode reversals in standard 12-lead ECG. Sensors, 19, 13, MDPI, 2019, ISSN:1424-8220, DOI:10.3390/s19132920, 1-19. JCR-IF (Web of Science):3.031 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
36	**Marinov, E.**. Partially smooth linear pretopological and topological operators for fuzzy sets. Proceedings of the Jangjeon Mathematical Society, 22, 3, 2019, 471-485. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	100.00
37	**Natalia Krasteva**, **Milena Keremidarska-Markova**, **Kamelia Hristova-Panusheva**, **Tonya Andreeva**, Giorgio Speranza, Dayong Wang, Milena Draganova-Filipova, George Miloshev, Milena Georgieva. Aminated graphene oxide as a potential new therapy for colorectal cancer.. Oxidative Medicine and Cellular Longevity, 2, Hindawi, 2019, ISSN:1942-0994, DOI:10.1155/2019/3738980, 1-15. SJR (Scopus):1.388, JCR-IF (Web of Science):4.52 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	44.44
38	**Nikolova B.**, **Semkova S.**, **Tsoneva I.**, Antov G., Ivanova J., Vasileva I., Kardaleva P., Stoineva I., Christova N., Nacheva L., Kabaivanova L.. Characterization and potential antitumor effect of a heteropolysaccharide produced by the red alga Porphyridium sordidum. ENGINEERING IN LIFE SCIENCES, 19, 12, 2019, ISSN:ISSN:1618-0240 E-ISSN:1618-2863, DOI:https://doi.org/10.1002/elsc.201900019, 978-985. JCR-IF (Web of Science):2.385 **Q2** Линк	1.000	27.27
39	**Petrov, M**. A PROMETHEE II METHOD FOR SELECTION OF GROWTH RATE MODELS OF SACCHAROMYCES CEREVISIAE YEAST USING DIFFERENT MIXING SYSTEMS. Int. Conference Automatics and Informatics'19, 3 - 5 October 2019, Sofia, Bulgaria, 2019, ISSN:1313-1869, 83-86 **Национално неакадемично издателство**	1.000	100.00
40	**Petrov, M**. InterCriteria Analysis for selection of specific growth rate models of batch cultivation by Saccharomyces cerevisiae yeast for ethanol production. Notes on Intuitionistic Fuzzy Sets, 25, (2), 2019, DOI:0.7546/nifs.2019.25.2.77-87, 77-87 **Национално академично издателство (ZentralBlatt)**	1.000	100.00
41	**Petrov, M**. Modelling and Multi-Criteria Decision Making for Selection of Specific Growth Rate Models of Batch Cultivation by Saccharomyces cerevisiae Yeast for Ethanol Production. Fermentation, 5, 3, art. no 61, MDPI, 2019, ISSN:2311-5637, DOI:http://dx.doi.org/10.3390/fermentation5030061, 1-13 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
42	**Petrova N**, **Stoichev S**, Paunov M, **Todinova S**, **Taneva S**, **Krumova S**. Structural organization, thermal stability, and excitation energy utilization of pea thylakoid membranes adapted to low light conditions. Acta Physiologiae Plantarum, 41, 2019, DOI:https://doi.org/10.1007/s11738-019-2979-6, 188. SJR (Scopus):0.588, JCR-IF (Web of Science):1.608 **Q2 (Scopus)** Линк	1.000	83.33
43	**Popova, A.V.**, **Dobrev, K.**, **Velitchkova, M**, **Ivanov, A.G.**. Differential temperature effects on dissipation of excess light energy and energy partitioning in lut2 mutant of Arabodopsis thaliana under photoinhibitory conditions.. Photosynth. Res., 139, 1-3, 2019, ISSN:0166-8595, DOI:https://doi.org/10.1007/s11120-018-0511-2, 367-385. JCR-IF (Web of Science):3.864 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
44	**R. T. Todorova**, A.T. Atanasov, V. H. Petrova-Tacheva. Biologically active substances with antioxidant activity isolated from the medicinal plant Galega officinalis L.. Bulgarian Chemical Communications, 51, Special Issue A, BAS, 2019, 161-166. SJR (Scopus):0.137 **Q4** Линк	1.000	33.33
45	**R. TODOROVA**, A. T. ATANASOV, D. T. VALEV. ALLOMETRIC RELATIONSHIPS BETWEEN THE BODY PARAMETERS OF MAMMALS (FROM S. ARANEUS TO B. MUSCULUS).	1.000	33.33

	SIMILARITY BETWEEN BODY MASS INDEX AND MASS TO SURFACE RATIO IN MAMMALS. Bulgarian Journal of Veterinary Medicine, Suppl. 1, 22, Trakia university, 2019, 10-14 **Друго**		
46	**Raikova R**, **Angelova S**, Veneva I, **Christov I**. Experimental investigation of electromyographic activities of upper limb muscles without and with a passive exoskeleton with four degrees of freedoms. International Journal Bioautomation, 23, 3, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2019, ISSN:1314-2321, DOI:10.7546/ijba.2019.23.3.000673, 343-354. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	75.00
47	**Ribagin, S.**, Grozeva, A., Popova, G., Stoyanova, Z.. InterCriteria Analysis of body composition measurements data, associated with obesity among college students. Notes on Intuitionistic Fuzzy Sets, 25, 4, 2019, ISSN:1310-4926, DOI:10.7546/nifs.2019.25.4.78-82, 78-82 **Национално академично издателство**	1.000	25.00
48	**Ribagin, S.**, Stavrev, S.. InterCriteria Analysis of data from intellectual and physical evaluation tests of students practicing sports activities. Notes on Intuitionistic Fuzzy Sets, 25, 4, 2019, ISSN:1310-4926, DOI:10.7546/nifs.2019.25.4.83-89, 83-89 **Национално академично издателство**	1.000	50.00
49	**Roeva, O.**, **Vassilev, P.**, Ikonomov, N., **Angelova, M.**, Su, J., **Pencheva, T.**. On Different Algorithms for InterCriteria Relations Calculation. Studies in Computational Intelligence, 757, Springer, 2019, ISSN:1860-949X, 143-160. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67
50	**Roeva, O.**, **Zoteva, D.**, **Atanassova, V.**, **Atanassov, K.**, Castillo, O.. Cuckoo search and firefly algorithms in terms of generalized net theory. Soft Computing, 2019, DOI:10.1007/s00500-019-04241-7, JCR-IF (Web of Science):2.784 **Q2 (Scopus)** Линк	1.000	80.00
51	**Roeva, O.**, Fidanova, S., Luque, L., Paprzycki, M.. Intercriteria Analysis of ACO Performance for Workforce Planning Problem. Studies in Computational Intelligence, 795, Springer, 2019, 47-67. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00
52	**Roeva, O.**, Ikonomov, N., **Vassilev, P.**. Discovering Knowledge from Predominantly Repetitive Data by InterCriteria Analysis. Studies in Computational Intelligence, 795, Springer, 2019, 213-233. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67
53	**Simov D**, **Christov I**, Simova I. T-wave area dispersion in coronary artery bypass grafting is indicative for increased risk of adverse events in diabetics. Current Diabetes Reviews, 15, 5, Bentham Science, 2019, ISSN:1573-3998, DOI:10.2174/1573399815666190115150321, 347-348. SJR (Scopus):0.733 **Q2 (Web of Science)** Линк	1.000	66.67
54	**Stefanov M.**, Biswal A.K., Misra M., Misra A.N., **Apostolova E.L.**. Responses of Photosynthetic Apparatus to Salt Stress: Structure, Function and Protection. Handbook of Plant and Crop Stress, 4th Edition, Taylor & Francis Group, 2019, 18, 233-250 **Международно неакадемично издателство (Друга база (напишете името й в "Забележката"))** Линк	1.000	40.00
55	**Uzunova, V.**, **Tzoneva, R.**, **Stoyanova, T.**, Pankov, R., Skrobanska, R., Georgiev, G., **Maslenkova, L.**, Tsonchev, Z., **Momchilova, A.**. Dimethylsphingosine and miltefosine induce apoptosis in lung adenocarcinoma A549 cells in a synergistic manner. Chemico-Biological Interactions, 310, 310, Elsevier, 2019, DOI:DOI: 10.1016/j.cbi.2019.108731, SJR (Scopus):0.923, JCR-IF (Web of Science):3.407 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	55.56
56	**Vassilev, P.**, **Atanassov, K.**. Modifications and Extensions of Intuitionistic Fuzzy Sets. Prof. Marin Drinov Academic Publishing House, 2019, ISBN:978-619-245-021-2 **С национално значение, утвърдени от НС на звеното**	1.000	100.00
57	**Vassilev, P.**, **Todorova, L.**. Miltiplicatively equivalent intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, ISSN:1310-4926, DOI:https://doi.org/10.7546/nifs.2019.25.2.25-28, 25-28 **Национално академично издателство** Линк	1.000	100.00
58	**VELEVA,R**, **STANEVA,G**, TOPOUZOVA-HRISTOVA,T. COMPARATIVE ANALYSIS OF MEMBRANE LIPID ORDER IMAGING WITH TWO FLUORESCENT PROBES IN INTACT CELLS.	1.000	66.67

	Annual of Sofia University "St. Kliment Ohridski" Faculty of Biology, 2019, 104, Book 4;, 2019, ISSN:0204–9902– print; 2682–9851– online;, 42-51 **Национално академично издателство**		
59	**Zhelev Z.**, Georgieva E., Lazarova D., **Semkova S.**, Aoki I., Gulubova M., Higashi T., Bakalova R.. "Redox-imaging" to Distinguish Cells with Different Proliferative Index – Superoxide, Hydrogen Peroxide, and Their Ratio as Potential Biomarkers. 2019, Oxidative Medicine and Cellular Longevity, 2019, DOI:https://doi.org/10.1155/2019/6373685, 6373685. JCR-IF (Web of Science):4.936 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
60	**Zoteva, D.**, **Roeva, O.**, Delkov, A., Tsakov, H.. Intercriteria Analysis of Forest Fire Risk. Proceedings of the 4th International Conference on Numerical and Symbolic Computation – Developments and Applications, Porto, 11–12 April 2019, Portugal, ©ECCOMAS, 2019, 215-229 **Международно академично издателство**	1.000	50.00
61	**Zoteva, D.**, Szmidt, E., Kacprzyk J.. Generalized nets with additional intuitionistic fuzzy conditions for tokens transfer. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, ISSN:1310-4926, DOI:https://doi.org/10.7546/nifs.2019.25.2.104-114, 104-114 **Национално академично издателство**	1.000	33.33
62	A. T. ATANASOV, D. T. VALEV, **R. TODOROVA**. ALLOMETRIC RELATIONSHIPS BETWEEN THE BODY PARAMETERS OF MAMMALS (FROM S. ARANEUS TO B. MUSCULUS) – GENERAL EQUATIONS.. Bulgarian Journal of Veterinary Medicine, 22, Suppl. 1, Trakia university, 2019, 4-9 **Друго**	1.000	33.33
63	Andreev, N., **Vassilev, P.**, **Ribagin, S.**, Sotirov, S.. InterCriteria Analysis of data for blood collection in the Transfusion Hematology Department, University Hospital St. Anna, Sofia. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, ISSN:1310-4926, DOI:https://doi.org/10.7546/nifs.2019.25.2.88-95, 88-95 **Национално академично издателство** Линк	1.000	50.00
64	Angelova, N., **Zoteva, D.**, **Atanassov, K.**. Interval valued intuitionistic fuzzy generalized nets of second and fourth types. Proceedings of the Information Systems and Grid Technologies, Sofia, Bulgaria, November 16-17, 2018, 2464, 2019, 15-28 **Друго** Линк	1.000	66.67
65	Angelova, Ts., Rangelova, N., Georgieva, N., Nemska, V., **Stoyanova, T.**, **Uzunova, V.**, Aleksandrov, L., **Tzoneva, R.**. Study of potential biomedical application of sol-gel derived Zn-doped SiO 2 -hydroxypropyl cellulose nanohybrids. Materials Science & Engineering C, C, 100, Elsevier, 2019, DOI:https://doi.org/10.1016/j.msec.2019.03.018, 608-615. JCR-IF (Web of Science):4.959 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	37.50
66	Angelova, V.T., **Pencheva, T.**, Vassilev, N., Simeonova, R., Momekov, G., Valcheva, V.. New indole and indazole derivatives as potential antimycobacterial agents. MEDICINAL CHEMISTRY RESEARCH, 28, 4, 2019, 485-497. SJR (Scopus):0.366, JCR-IF (Web of Science):1.72 **Q2 (Web of Science)** Линк	1.000	16.67
67	Bureva, I., **Atanassov, K.**, Andreev, N.. Intercriteria analysis applied to Healthcare Rankings. Annual of Assen Zlatarov University, Burgas, XLVIII, 1, Assen Zlatarov University, Burgas, 2019, 81-85 **Национално академично издателство**	1.000	33.33
68	Bureva, V., Atanassova, L., **Atanassov, K.**, Delkov, A.. Application of the game method for modelling for locating the wildfire ignition point. Proceedings of 4th Int. Conf. on Numerical and Symbolic Computation, Porto, April, 11 - 12, 2019, APMTAC –Associação Portuguesa de Mecânica Teórica, Aplicada eComputacional, 2019, ISBN:978-989-99410-4-5, 397-413 **Друго** Линк	1.000	25.00
69	Bureva, V., Traneva, V., Sotirova, E., **Atanassov, K.**. Index matrices and Olap-cube part 4: A presentation of the Olap "drill across" operation by index matrices. Advanced Studies in Contemporary Mathematics (Kyungshang), 29, 1, 2019, 109-123. SJR (Scopus):0.284 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00

70	Castillo, O., **Atanassov, K.**. Comments on fuzzy sets, interval type-2 fuzzy sets, general type-2 fuzzy sets and intuitionistic fuzzy sets. Studies in Fuzziness and Soft Computing, 372, Springer Nature, 2019, ISSN:14349922, DOI:10.1007/978-3-030-02155-9_3, 35-43. SJR (Scopus):0.189 **Q3 (Scopus)** Линк	1.000	50.00
71	Dinić, J., Podolski-Renić, A., Jovanović, M., Musso, L., **Tsakovska, I.**, **Pajeva, I.**, Dallavalle, S., Pešić, M.. Novel Heat Shock Protein 90 inhibitors suppress P-glycoprotein activity and overcome multidrug resistance in cancer cells. International Journal of Molecular Sciences, 20, MDPI, 2019, ISSN:ISSN 1422-0067, DOI:10.3390/ijms20184575, 4575. JCR-IF (Web of Science):4.183 **Q2 (Web of Science)** Линк	1.000	25.00
72	Dobrev DP, **Neycheva TD**. Automatic Common Mode Electrode-Amplifier Impedance Balance: Implementation and Results. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878610, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	50.00
73	Doukovska, L., **Atanassova, V.**, Sotirova, E.. European Union Member States' performance in the 2018 Global Competitiveness Index 4.0 through the Prism of InterCriteria Analysis. Proc. of the 4th International Conference on Numerical and Symbolic Computation Developments and Applications – SYMCOMP'19, 11-12 April 2019, Porto, Portugal, 2019, ISBN:978-989-99410-5-2, 251-261 **Друго**	1.000	33.33
74	Doukovska, L., **Atanassova, V.**. InterCriteria Analysis of the Most Problematic Factors for Doing Business in the European Union, 2017–2018. Lecture Notes in Computer Science, 11529, Springer, 2019, ISBN:978-303027628-7, ISSN:03029743, DOI:10.1007/978-3-030-27629-4_32, 353-360. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	50.00
75	Doukovska, Lyubka, **Atanassova, Vassia**, Sotirova, Evdokia, Vardeva, Ivelina, Radeva, Irina. Defining Consonance Thresholds in InterCriteria Analysis: An Overview. In: Hadjiski M., Atanassov K. (eds) Intuitionistic Fuzziness and Other Intelligent Theories and Their Applications. Studies in Computational Intelligence, vol 757., Springer, 2019, DOI:10.1007/978-3-319-78931-6_11, 161-179. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	20.00
76	Fidanova, S., **Roeva, O.**, Luque, G.. Ant Colony optimization algorithm for workforce planning: Influence of the algorithm parameters. Studies in Computational Intelligence, 793, Springer, 2019, 119-128. SJR (Scopus):0.187 **Q4 (Scopus)** Линк	1.000	33.33
77	Fidanova, S., **Roeva, O.**. InterCriteria Analysis of Different Variants of ACO algorithm for Wireless Sensor Network Positioning. In: Nikolov G., Kolkovska N., Georgiev K. (eds) Numerical Methods and Applications. NMA 2018. Lecture Notes in Computer Science, 11189, Springer, Cham, 2019, DOI:https://doi.org/10.1007/978-3-030-10692-8_10, 88-96. SJR (Scopus):0.295 **Q2 (Scopus)** Линк	1.000	50.00
78	Fidanova, S., Luque, G., **Roeva, O.**, Ganzha, M.. Ant colony optimization algorithm for workforce planning: Influence of the evaporation parameter. Proceedings of the 2019 Federated Conference on Computer Science and Information Sys-tems, 2019, 177-181 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00
79	Georgiev, NI., Said, AI., Toshkova, RA., **Tzoneva, RD.**, Bojinov, VB.. A novel water-soluble perylenetetracarboxylic diimide as a fluorescent pH probe: Chemosensing, biocompatibility and cell imaging. Dyes and Pigments, 160, Elsevier, 2019, ISSN:0143-7208, 28-36. SJR (Scopus):0.83, JCR-IF (Web of Science):3.767 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
80	Georgieva, A., Toshkova, R., Dodorova, K., **Tzoneva, R.**. ANTINEOPLASTIC EFFECTS OF ERUFOSINE ON GRAFFI MYELOID TUMOUR IN HAMSTERS. Bulgarian Journal of Veterinary Medicine, Faculty of Veterinary Medicine, Trakia University, 2019, ISSN:1311-1477, DOI:10.15547/bjvm.2278, SJR (Scopus):0.167 **Q3 (Scopus)** Линк	1.000	25.00
81	Guncheva M., **Todinova S.**, **Uzunova V.**, Idakieva K., Raynova Y., Ossowicz P., Janus E., **Tzoneva R.**. Destabilization of β-Hemocyanin from Helix pomatia in Presence of Choline Amino	1.000	37.50

	Acids Results in Improved Cell Specificity and Cytotoxicity against Human Breast Cancer. Chemistry Select, 4, 39, John Wiley & Sons, Ltd, 2019, DOI:https://doi.org/10.1002/slct.201902464, 11460-11466. JCR-IF (Web of Science):1.716 **Q2 (Web of Science)** Линк		
82	Guncheva M., **Todinova S.**, Yancheva D., Raynova Y., Idakieva K.. Thermal stability and secondary structure of feruloylated Rapana thomasiana hemocyanin. Journal of Thermal Analysis and Calorimetry, 2019, DOI:https://doi.org/10.1007/s10973-019-08373-8, 2715-2720. SJR (Scopus):0.587, JCR-IF (Web of Science):2.471 **Q2 (Web of Science)** Линк	1.000	20.00
83	Guncheva M., Ossowicz P., Janus E., **Todinova S.**, Yancheva D.. Elucidation of the effect of some cholinium amino acid ionic liquids on the thermal and the conformational stability of insulin. Journal of Molecular Liquids, 283, Elsevier, 2019, ISSN:0167-7322, DOI:doi.org/10.1016/j.molliq.2019.03.074, 257-262. SJR (Scopus):0.849, JCR-IF (Web of Science):4.561 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
84	Hikov, T, **Krasteva, N**, **Hristova-Panusheva, K**, Ivanov, N, Petrov, P. Study on the biocompatibility of TiN/TiO 2 bilayer coatings deposited by DC magnetron sputtering on stainless steel. AIP Conference Proceedings, American Institute of Physics Inc., 2019, ISSN:0094-243X, DOI:https://doi.org/10.1063/1.5091349, SJR (Scopus):0.182, JCR-IF (Web of Science):0.37 **Друго (Scopus)** Линк	1.000	40.00
85	Hollis L., **Ivanov, A.G.**, Hüner, N.P.A.. Chlorella vulgaris integrates photoperiod and chloroplast redox signals in response to growth at high light. Planta. Planta, 249, 2019, ISSN:0032-0935, DOI:doi: 10.1007/s00425-018-03070-6, 1189-1205. JCR-IF (Web of Science):3.249 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
86	Ignatova V, Stoyanova T, Haralanov L, Surchev J, **Todorova L**. Depression and anxiety in patients with multiple sclerosis. Comparison with grade of disability. Comptes rendus de l'Académie bulgare des Sciences, 72, 10, 2019, ISSN:1310–1331, DOI:10.7546/CRABS.2019.10.17, 1433-1440. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	20.00
87	Iliev I, **Jekova I**, Tabakov S, Koshtikova K, Iovev S. Telemetry of Hospitalized High-Risk Patients with Cardiovascular Diseases. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878494, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	20.00
88	Ivanova D., **Zhelev Z.**, **Semkova S.**, Aoki I., Bakalova R.. Resveratrol Modulates the Redox-status and Cytotoxicity of Anticancer Drugs by Sensitizing Leukemic Lymphocytes and Protecting Normal Lymphocytes. International Institute of Anticancer Research (IIAR) journals, 39, 7, Anticancer Res, 2019, ISSN:Print ISSN: 0250-7005, Online ISSN: 1791-7530, DOI:10.21873/anticanres.13523, 3745-3755. SJR (Scopus):0.722, JCR-IF (Web of Science):1.865 **Q2 (Scopus)** Линк	1.000	40.00
89	Kanev IK, Iliev IT, **Krasteva V**. Sonification – an Alternative Presentation of the Electrocardiogram: A Systematic Literature Review. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878650, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	33.33
90	Klodawska K, Kovacs L, **Vladkova R**, Rzaska A, Gombos Z, Laczko-Dobos H, Malec P. Trimeric organization of photosystem I is required to maintain the balanced photosynthetic electron flow in cyanobacterium Synechocystis sp. PCC 6803. Photosynthesis Research, Springer, 2019, DOI:10.1007/s11120-019-00696-9, JCR-IF (Web of Science):3.057 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
91	Kovacs T, Szalontai B, Klodawska K, **Vladkova R**, Malec P, Gombos Z, Laczko-Dobos H. Photosystem I oligomerization affects lipid composition in Synechocystis sp. PCC 6803, Q1(ISI). BBA - Molecular and Cell Biology of Lipids, 1864, Elsevier, 2019, DOI:10.1016/j.bbalip.2019.06.013, 1384-1395. JCR-IF (Web of Science):5.162 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29

92	Kovalchuk, V., Gołubowska, B., **Mladenov, I.**. Mechanics of Infinitesimal Test Bodies on Delaunay Surfaces: Spheres and Cylinders as Limits of Unduloids and Their Action-Angle Analysis. J. Geom. Symmetry Phys., 53, 2019, DOI:10.7546/jgsp-53-2019-55-84, 55-84. SJR (Scopus):0.185 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	33.33
93	Krekic S, Nagy D, **Taneva S.G.**, Fábián L, Zimányi I, Dér Andras. Spectrokinetic characterization of photoactive yellow protein films for integrated optical applications. European Biophysical Journal, 48, 5, Springer, 2019, DOI:10.1007/s00249-019-01353-8, 465-473. JCR-IF (Web of Science):1.472 **Q3 (Web of Science)** Линк	1.000	16.67
94	Lagarde, N., Goldwasser, E., **Pencheva, T.**, **Jereva, D.**, **Pajeva, I.**, Rey, J., Tuffery, P., Villoutreix, B.O., Miteva, M.A.. A free web-based protocol to assist structure-based virtual screening experiments. International Journal of Molecular Sciences, 20, MDPI, 2019, ISSN:1422-0067, DOI:10.3390/ijms20184648, 4684. JCR-IF (Web of Science):4.183 **Q2 (Web of Science)** Линк	1.000	33.33
95	Lavignasse D, Trendafilova E, Dimitrova E, **Krasteva V**. Cardioversion of Atrial Fibrillation and Flutter: Comparative Study of Pulsed vs. Low Energy Biphasic Truncated Exponential Waveforms. Journal of Atrial Fibrillation, 12, 3, Cardiofront, Inc., USA, 2019, ISSN:1941-6911, 1-7. SJR (Scopus):0.337 **Q3 (Scopus)** Линк	1.000	25.00
96	Maglovski M., Gregorová Z., Rybanský L., Bardáčová M., Moravčíková J., Bujdoš M., **Dobrikova A.**, **Apostolova E.**, Kraic J., Blehová A., Matušíková I.. Effects of nutrition on wheat photosynthetic pigment responses to arsenic stress. Polish J. Environ. Studies, Vol. 28, 3, 2019, ISSN:1230-1485, DOI:DOI: https://doi.org/10.15244/pjoes/89584, 1-9. SJR (Scopus):0.351, JCR-IF (Web of Science):1.186 **Q2 (Scopus)** Линк	1.000	18.18
97	Marchev, S., Andreeva-Gateva, P., **Tzoneva, R.**, Surcheva, S., Tzonev, A., Kamenova, K., Angelova, V., Tchekalarova, J., Vlaskovska, M.. Analgesic activity of some aroylhydrazone based molecular hybrids with antiseizure activity– in vivo and in silico evaluations. Biotechnology & Biotechnological Equipment, 33, Taylor&Francis, 2019, 98-107. SJR (Scopus):0.394, JCR-IF (Web of Science):1.227 **Q3 (Scopus)** Линк	1.000	11.11
98	Mermeklieva E., Cherninkova S., Chernodrinska V., Solakov D., Grozeva G., Tomova M., **Todorova L.**. Combined electrophysiological method for early diagnostics of functional changes in the visual analizer in patients with diabetes mellitus without diabetic retinopathy.. Comptes rendus de l'Académie bulgare des Sciences, 72, 5, 2019, ISSN:ISSN 1310–1331, DOI:DOI: 10.7546/CRABS.2019.05.16, 674-682. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	14.29
99	Mladenova, C.D., **Mladenov, IM**. Variations on the theme Euler angles. Surveys in Mathematics and its Applications, 14, 2019, ISSN:843-7265, 341-354 **Без JCR или SJR – индексиран в WoS или Scopus (ZentralBlatt)** Линк	1.000	50.00
100	Moustakas, M., Hanc, A., **Dobrikova, A.**, Sperdouli, I., Adamakis, I.-D., **Apostolova E.**. Spatial heterogeneity of cadmium effects on Salvia sclarea leaves revealed by Chlorophyll fluorescence imaging analysis and Laser ablation inductively coupled plasma mass spectrometry. Materials, 12, 18, MDPI, Switzerland, 2019, ISSN:1996-1944, DOI:DOI: 10.3390/ma12182953, 2953. JCR-IF (Web of Science):2.972 **Q2 (Web of Science)** Линк	1.000	33.33
101	Orozova, D., **Atanassov, K.**. Model of Big Data Map/Reduce processing. Comptes rendus de l'Acad´emie bulgare des Sciences, 72, 11, 2019, DOI:10.7546/CRABS.2019.11.11, 1537-1545. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	50.00
102	Pankov, R., **Momchilova, A.**, Stefanova, N., Yamada K.. Characterization of stitch adhesions: Fibronectin-containing cell-cell contacts formed by fibroblasts. Experimental Cell Research, 384, 1, Elsevier, 2019, ISSN:111616, DOI:10.1016/j.yexcr.2019.111616, 1111616. SJR (Scopus):1.211, JCR-IF (Web of Science):3.329 **Q2 (Scopus)** Линк	1.000	25.00

103	Pulov, I., **Mladenov, I.**. Some Classes of Shapes of the Rotating Liquid Drop. J. Geom. Symmetry Phys., 52, 2019, DOI:doi:10.7546/jgsp-52-2019-67-102, 67-102. SJR (Scopus):0.185 **Друго (Web of Science)** Линк	1.000	50.00
104	Pulov, I., Hadzhilazova, M., **Mladenov, I.**. Deformations Without Bending: Explicit Examples. Geom. Integrability & Quantization, 20, 2019, ISSN:1314-3247, DOI:10.7546/giq-20-2019-246-254, 246-254. SJR (Scopus):0.47 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	33.33
105	Pulov, V.I., **Mladenov, I.**. Explicit Description of Some Classes of Non-Bending Surfaces. J. Geom. Symmetry Phys., 51, 2019, DOI:10.7546/jgsp-51-2019-41-71, 41-71. SJR (Scopus):0.185 **Q4 (Web of Science)** Линк	1.000	50.00
106	Pulov, V.I., **Mladenov, I.**. Rotating Liquid Drops and Delaunay Surfaces. J Geom Symmetry Phys, 54, 2019, ISSN:1312-5192, DOI:10.7546/jgsp-54-2019-55-78, 55-78. SJR (Scopus):0.185 **Q4 (Web of Science)** Линк	1.000	50.00
107	Sandor, J, **Atanassov, K.**. A note on balanced numbers. Notes on Number Theory and Discrete Mathematics, 25, 4, 2019, DOI:10.7546/nntdm.2019.25.4.8-15, 8-15 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
108	Sandor, J., **Atanassov, K.**. Inequalities between the arithmetic functions φ, ψ and σ. Part 2. Notes on Number Theory and Discrete Mathematics, 25, 2, 2019, DOI:10.7546/nntdm.2019.25.2.30-35, 30-35 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
109	Shannon, A., **Pencheva, T.**, **Atanassov, K.**. On Index Matrix Representation of Intuitionistic Fuzzy Multigraphs. Notes on Intuitionistic Fuzzy Sets, 25, 4, 2019, DOI:10.7546/nifs.2019.25.4.59-66, 59-66 **Национално академично издателство**	1.000	66.67
110	Shao, H, Han, Z, **Krasteva, N**, Wang, D. Identification of signaling cascade in the insulin signaling pathway in response to nanopolystyrene particles. Nanotoxicology, 13, 2, Taylor and Francis Ltd, 2019, DOI:doi: 10.1080/17435390.2018.1530395, 174-188. SJR (Scopus):1.617, JCR-IF (Web of Science):6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
111	Sonkin, M. A., Khamukhin, A. A., Pogrebnoy, A. V., **Atanassov, K.**, Marinov, P.. Acoustic monitoring of forest for early detection fires and other threats by wireless sensor network and intelligent data processing. European science, 1, 43, 2019, 16-21 **Национално академично издателство** Линк	1.000	20.00
112	Sotirova, E., Kacprzyk, J., **Atanassov, K.**, Szmidt, E.. A Generalized Net Model for the Coordination and Synchronization of Human and Computer-Based Expert Type Decision Support Activities. Interactions Between Computational Intelligence and Mathematics Part 2 (L. T. Kóczy, J. Medina-Moreno, E. Ramírez-Poussa, Eds.), Studies in Computational Intelligence, 794, Springer Nature, 2019, DOI:10.1007/978-3-030-01632-6_8, 115-126. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00
113	Stratiev, D., Shishkova, I., Nikolaychuk, E., **Atanassova, V.**, **Atanassov, K.**. Investigation of relations of properties of straight run and H-oil unconverted vacuum residual oils. Petroleum and Coal, 61, 4, 2019, ISSN:1337-7027, 763-776. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	40.00
114	Surchev, J, **Todorova, L**, Ignatova, V. Intraventricular intraoperative prophylaxis with vancomycin - a factor for reducing infections in shunt operations. Comptes rendus de l'Académie bulgare des Sciences, 72, 11, 2019, ISSN:1310-1331, DOI:10.7546/CRABS.2019.11.17, 1585-1591. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	33.33
115	Świerczek-Lasek, B., **Keremidarska-Markova, M.**, **Hristova-Panusheva, K.**, Vladkova T., Ciemerych, M.A., Archacka, K., **Krasteva, N.**. Polydimethylsiloxane materials with supraphysiological elasticity enable differentiation of myogenic cells. Journal of Biomedical Materials Research - Part A, 107, 12, John Wiley and Sons Inc., 2019, ISSN:15493296,	1.000	42.86

	DOI:10.1002/jbm.a.36768, 2619-2628. SJR (Scopus):3.3 **Q1, не оглавява ранглистата (Scopus)** Линк		
116	Szyszka-Mroz B., Cvetkovska M., **Ivanov A.G.**, Smith D.R., Possmayer M., Maxwell D.P., Hüner N.P.A.. Cold-adapted protein kinases and thylakoid remodeling impact energy distribution in an Antarctic psychrophile. Plant Physiology, 180, 2019, ISSN:ISSN 00320889, DOI:10.1104/pp.19.00411, 1291-1309. JCR-IF (Web of Science):5.949 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
117	Tanovska, M., Rahmani, M., Vladimirova- Mihaleva, L., Berger, M.R., Neshev, D., **Momchilova, A.**, **Tzoneva, R.**. An ellipsometric study of interaction of anti-cancer agent erufosine on lipid model systems. AIP Conference Proceedings, 2075, 1, AIP Publishing, 2019, SJR (Scopus):0.18, JCR-IF (Web of Science):0.4 **SJR, непопадащ в Q категория** Линк	1.000	28.57
118	Tenchov, B, Koynova, R, Antonova, B, Zaharinova, S, Abarova, S, Komsa, R, **Momchilova, A**. Blood plasma thermal behavior and protein oxidation as indicators of multiple sclerosis clinical status and plasma exchange therapy progression. Thermochimica Acta, 671, Elsevier, 2019, ISSN:0040-6031, 193-199. JCR-IF (Web of Science):2.18 **Q2 (Web of Science)** Линк	1.000	14.29
119	Tomov, Zh., Krawczak, M., Andonov, V., **Atanassov, K.**, Simeonov, S.. Generalized net models of queueing disciplines in finite buffer queueing systems with intuitionistic fuzzy evaluations of the tasks. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, DOI:10.7546/nifs.2019.25.2.115-122, 115-122 **Национално академично издателство** Линк	1.000	20.00
120	Traneva, V., **Atanassova, V.**, Tranev, S.. Index matrices as a decision-making tool for job appointment. Lecture Notes in Computer Science, 11189, Springer, 2019, DOI:10.1007/978-3-030-10692-8_18, 158-166. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	33.33
121	Traneva, V., Tranev, S., **Atanassova, V.**. An intuitionistic fuzzy approach to the Hungarian algorithm. Lecture Notes in Computer Science, 11189, Springer, 2019, DOI:10.1007/978-3-030-10692-8_19, 167-175. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	33.33
122	Tsakov, H., Alexandrov, A., **Roeva, O.**, **Zoteva, D.**. Forest Fires in Bulgaria for the 2009-2018 Decade. Ecological Engineering and Environment Protection, 3, 2019, ISSN:1311-8668, 44-49 **Друго (Друга база (напишете името й в "Забележката"))**	1.000	50.00
123	Ulloa-Inostroza E., Alberdi M., **Ivanov A.G.**, Reyes-Diaz M.. Protective effect of methyl jasmonate on photosynthetic performance and its association with antioxidants in contrasting aluminum-resistant blueberry cultivars exposed to aluminum. J. Soil Sci. Plant Nutr., 19, 2019, ISSN:ISSN 0718-9508, DOI:https://doi.org/10.1007/s42729-019-0006-z, 203-216. JCR-IF (Web of Science):2.116 **Q2 (Scopus)** Линк	1.000	25.00
124	Zhao, L, Dong, S, Zhao, Y, Shao, H, **Krasteva, N**, Wu, Q., Wang, D. Dysregulation of let-7 by PEG modified graphene oxide in nematodes with deficit in epidermal barrier.. Ecotoxicology and Environmental Safety,, 169, Academic Press, 2019, ISSN:01476513, DOI:https://doi.org/10.1016/j.ecoenv.2018.10.106, 1-7. SJR (Scopus):1.174, JCR-IF (Web of Science):4.88 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
125	Маринов Н, **Гарвански И**, Предовски М, Симова Я, Петров И, Котирков К, Ангелков Л, Ташева И. Премедикация с антиаритмични медикаменти преди планово електрокардиоверзио на предсърдно мъждене. GP News, 5, 228, 2019, ISSN:1311-4727, 17-22 **Национално неакадемично издателство** Линк	1.000	12.50
126	Симова Я, **Гарвански И**, Петров И. Нови данни за dabigatran от проучването RE-SPECT ESUS. Кардио Д, 3, 45, Медицински Дайджест (МД), 2019, ISSN:1312-4315, 26-28 **Национално неакадемично издателство** Линк	1.000	33.33
127	Цаков, Х., Александров, А., Делков, А., **Роева, О,**, **Атанасова, В.**, **Зотева, Д.**. Пожарите в горите – последствия и оценка на риска от тях. Сборник статии от XXI Международна научна	1.000	50.00

	конференция „Управление и устойчиво развитие”, 2019, 1-8 **Национално академично издателство**		
Коригиран брой: 127.000			

II. Всички публикации - приети за печат

- **Звено: (ИББИ) Институт по биофизика и биомедицинско инженерство**
- **Тип на публикацията**:
  Научна монография
  Глава от научна монография
  Студия в научно списание
  Статия в научно списание
  Статия в сборник на научен форум
  Студия в тематичен сборник
  Статия в тематичен сборник
  Научно съобщение
- **Година на приемане**: 2019 ÷ 2019
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Atanassov, K.**, **Vassilev, P.**. Intuitionistic fuzzy sets and other fuzzy sets extensions representable by them. Journal of Intelligent & Fuzzy Systems, 38, 1, 2020, DOI:10.3233/JIFS-179426, 525-530. JCR-IF (Web of Science):1.637 **Q3 (Web of Science)** Линк	1.000	100.00
2	**Atanassov, K.**. Interval-Valued Intuitionistic Fuzzy Sets. Studies in Fuzziness, 388, Springer, 2020, ISBN:978-3-030-32089-8, DOI:10.1007/978-3-030-32090-4 **Друго (Scopus)** Линк	1.000	100.00
3	**Mladenov, IM**. Mechanics of infinitesimal gyroscopes on Mylar balloons and their action-angle analysis. Math Meth Appl Sci., Wiley, 2020, ISSN:1099-1476, DOI:10.1002/mma.6099, JCR-IF (Web of Science):1.533 **Друго (Web of Science)** Линк	1.000	100.00
4	**Roeva, O.**, Fidanova, S.. Different InterCriteria Analysis of Variants of ACO algorithm for Wireless Sensor Network Positioning. Studies in Computational Intelligence, 838, Springer, 2020, 83-103. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	50.00
5	Fidanova, S., **Roeva, O.**, Luque, G., Paprzycki, M.. InterCriteria Analysis of Different Hybrid Ant Colony Optimization Algorithms for Work-force Planning. Studies in Computational Intelligence, 838, Springer, 2020, 61-81. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00

6	Guncheva M., Idakieva K., **Todinova S.**, Stoyanova E., Yancheva D.. Folate-conjugated Helix lucorum hemocyanin – preparation, stability, and cytotoxicity. A Journal of Biosciences, 2020, DOI:https://doi.org/10.1515/znc-2019-0144 **Друго (Scopus)** Линк	1.000	20.00
7	Traneva, V., **Atanassova, V.**, Tranev, S.. Three-dimensional interval-valued intuitionistic fuzzy appointment model. Studies in Computational Intelligence, 838, Springer, 2020, 181-199. SJR (Scopus):0.183 **Друго (Scopus)** Линк	1.000	33.33
8	Traneva, V., Tranev, S., **Atanassova, V.**. Index matrices as a cost optimization tool of resource provisioning in uncertain cloud computing environment. Studies in Computational Intelligence, 838, Springer, 2020, DOI:10.1007/978-3-030-22723-4_11, 155-179. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	33.33
9	Zhiponova, M., Paunov, M., Anev, S., **Petrova, N.**, **Krumova, S.**, Raycheva, A., Goltsev, V., Tzvetkova, N., **Taneva, S.**, Sapunov, K., Chaneva, G.. JIP-test as a tool for early diagnostics of plant growth and flowering upon selected light recipe. Photosynthetica, 58 (SI), 2020, 214-223. SJR (Scopus):0.647, JCR-IF (Web of Science):2.365 **Q2 (Web of Science)** Линк	1.000	27.27
10	**Andreev, N.**, **Atanassov, K.**, Sotirova, E., **Atanassova, V.**, **Roeva, O.**, **Zoteva, D.**, **Vasilev, P.**. Generalized net models of the processes in and between centers for transfusion haematology. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	85.71
11	**Andreev, N.**, **Pencheva, T.**, **Ribagin, S.**, **Atanassov, K.**. Generalized net model of blood donation processes. Advances in Intelligent Systems and Computing, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
12	**Atanassov, K.**. Extended Interval Valued Intuitionistic Fuzzy Index Matrices. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
13	**Jereva, D**, **Pencheva, T.**, **Tsakovska, I**, **Alov, P**, **Pajeva, I.**. Exploring Appicability of InterCriteria Analysis on the Performance of MOE and GOLD Scoring Functions. Studies in Computational Intelligence, приета за печат: 2019, SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	100.00
14	**Kostadinova Aneliya**, Ivanova Iliana, Dragomira Stoyanova, Elena Nenova, Anna Staneva. ANTIMICROBIAL AND CYTOTOXIC PROPERTIES OF GRAPHENE AND METAL NANOMATERIALS. Journal of Chemical Technology and Metallurgy, приета за печат: 2019, SJR (Scopus):0.331 **Q2 (Scopus)** Линк	1.000	20.00
15	**Kostadinova, A.**, Yankova, R.. DFT calculations, characterization and in vitro cytotoxicity of platinum(II) complex of 3-amino-1,2,4-triazole [Pt(3-amino-1,2,4-triazole)2Cl2]. Journal of Chemical Technology and Metallurgy, приета за печат: 2019, SJR (Scopus):0.331 **Q2 (Scopus)** Линк	1.000	50.00
16	**Marinov, E.**, **Atanassov, K.**. Partially continuous pretopological and topological operators for intuitionistic fuzzy sets. приета за печат: 2019, ISSN:1735-0654, DOI:10.22111/ijfs.2019.4879, JCR-IF (Web of Science):1.496 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
17	**Ribagin, S.**, Grozeva, A., Popova, G., Stoyanova, Z.. Application of InterCriteria Analysis to prevalence and risks factors associated with overweight among college students. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	25.00
18	**Ribagin, S.**, Stavrev, S.. InterCriteria Analysis of data obtained from university students practicing sports activities. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	50.00

19	**Roeva, O.**, **Vassilev, P.**, Ikonomov, N., Marinov, P., **Zoteva, D.**, **Atanassova, V.**, **Atanassov, K.**. MkBGFire – Game Modelling of Forest Fires in Bulgaria. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	71.43
20	**Roeva, O.**, **Zoteva, D.**. ICrA over Ordered Pairs Applied to ABC Optimization Results. Studies in Computational Intelligence, Springer, приета за печат: 2019, SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	100.00
21	**Tsakovska, I.**, **Alov, P.**, Ikonomov, N., **Atanassova, V.**, **Vassilev, P.**, **Roeva, O.**, **Jereva, D.**, **Atanassov, K.**, **Pajeva, I.**, **Pencheva, T.**. InterCriteria Analysis Implementation for Exploration of the Performance of Various Docking Scoring Functions. Studies in Computational Intelligence, приета за печат: 2019, in press. JCR-IF (Web of Science):0.183 **Q4 (Scopus)** Линк	1.000	90.00
22	**Vassilev, P.**, **Atanassov, K.**. A note on intuitionistic fuzzy sets, interval valued intuitionistic fuzzy sets and picture fuzzy sets. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
23	**Vassilev, P.**, **Atanassov, K.**. Generalised Atanassov Intuitionistic Fuzzy Sets Are Actually Intuitionistic Fuzzy Sets. Studies in Computational Intelligence, 862, Springer Nature, приета за печат: 2019, ISBN:978-3-030-35445-9, ISSN:1860-949X, SJR (Scopus):0.183 **Q4** Линк	1.000	100.00
24	**Zoteva, D.**, **Vassilev, P.**, **Todorova, L.**, **Atanassov, K.**, Doukovska, L., Tzanov, V.. Generalized Net Model of Cyber-control of the Firm's Dumpers and Crushers. Studies in Systems, Decision and Control, Springer, приета за печат: 2019, ISSN:2198-4182 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	66.67
25	Ignatova V., Surchev J., Stoyanova Ts., **Vassilev P.**, Haralanov L., **Todorova, L.**. Social cognition impairments in patients with multiple sclerosis. Comparison with grade of disability.. приета за печат: 2019, JCR-IF (Web of Science):2.7 **Q3 (Web of Science)** Линк	1.000	33.33
26	Kadinov, B.,, **Nikolova, B.,**, **Semkova, S.,**, Kabaivanova, L.,, **Dimitrova, D.**. Effect of Trechalose lipid biosurfactant from Nocardia farcinica strain on isometric contraction of rat mesenteric arteries in vivo. Int. J. Bioautomation, приета за печат: 2019, JCR-IF (Web of Science):0.267 **Q3 (Scopus)** Линк	1.000	60.00
27	Sonkin, M. A., Khamukhin, A.A., Pogrebnoy, A.V., Marinov, P., **Atanassova, V.**, **Roeva, O.**, **Atanassov, K.**, Alexandrov, A.. Intercriteria analysis as tool for acoustic monitoring of forest for early detection fires. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	37.50
28	Tzanov, V., **Todorova, L.**, **Zoteva, D.**, Dukovska, L.. Generalized net model of processes of loading and transportation of raw materials of open construction sites.. Uncertainty and imprecision in decision making and decision support: cross fertilization, new models and applications, Springer, Cham, приета за печат: 2019 **Друго**	1.000	50.00
Коригиран брой: 28.000			

III. Научни публикации в издания, индексирани в WoS, Scopus, ERIH+

Публикувани:

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Al Sharif, M.**, **Tsakovska, I.**, **Alov, P.**, Vitcheva, V., **Diukendjieva, A.**, **Pajeva, I.**. Molecular modelling approach to study the PPARγ-ligand interactions. Methods in Molecular Biology, 1966, Springer Protocols, Humana, 2019, DOI:10.1007/978-1-4939-9195-2_22, 261-289. SJR (Scopus):0.605 **Q3 (Scopus)** Линк	1.000	83.33
2	**Al Sharif, M.**, Vitcheva, V., Simeonova, R., Krasteva, I., Manov, V., **Alov, P.**, Popov, G., Shkondrov, A., **Pajeva, I.**. In silico and in vivo studies of Astragalus glycyphylloides saponin(s) with potential relevance to metabolic syndrome modulation. Food and Chemical Toxicology, 130, Elsevier, 2019, 317-325. SJR (Scopus):0.366, JCR-IF (Web of Science):3.375 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
3	**Andreev, N.**, Sotirova, E., **Ribagin, S.**. Intercriteria analysis of data from the centers for transfusion haematology in Bulgaria. Comptes rendus de l'Académie bulgare des Sciences, 72, 7, 2019, ISSN:ISSN 1310–1331, 982-990. JCR-IF (Web of Science):0.251 **Q4 (Scopus)** Линк	1.000	66.67
4	**Andreev, Nikolay**, Sotirova, Evdokia, Shannon, Anthony, **Atanassov, Krassimir**. Generalized Net Model of the Processes in a Center of Transfusion Haematology. Hadjiski M., Atanassov K. (eds) Intuitionistic Fuzziness and Other Intelligent Theories and Their Applications. Studies in Computational Intelligence, vol 757., Springer, 2019, DOI:10.1007/978-3-319-78931-6_8, 123-133. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	50.00
5	**Angelova, M.**, **Pencheva, T.**. InterCriteria Analysis Approach for Comparison of Simple and Multi-population Genetic Algorithms Performance. Recent Advances in Computational Optimization, Vol. 795 of Studies in Computational Intelligence, 2019, ISSN:1860-949X, 117-130. SJR (Scopus):0.184 **Q4 (Scopus)** Линк	1.000	100.00
6	**Angelova, M.**, **Roeva, O.**, **Pencheva, T.**. Artificial Bee Colony Algorithm for Parameter Identification of Fermentation Process Model. Lecture Notes in Electrical Engineering, 574, Springer, 2019, 317-323. SJR (Scopus):0.134 **Q3 (Scopus)** Линк	1.000	100.00
7	**Angelova, M.**, **Roeva, O.**, **Pencheva, T.**. Cuckoo Search Algorithm for Parameter Identification of Fermentation Process Model. Lecture Notes in Computer Science, 11189, 2019, 39-47. SJR (Scopus):0.295 **Q2 (Scopus)** Линк	1.000	100.00
8	**Atanassov, K.**, Marinov, P., **Atanassova, V.**. InterCriteria Analysis with Interval-Valued Intuitionistic Fuzzy Evaluations. Lecture Notes in Computer Science, 11529, Springer, 2019, DOI:10.1007/978-3-030-27629-4_30, 329-338. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	66.67
9	**Atanassov, K.**, Sandor, J.. Extension factor: definition, properties and problems. Part 1. Notes on Number Theory and Discrete Mathematics, 25, 3, 2019, DOI:10.7546/nntdm.2019.25.3.36-43, 36-43 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00

10	**Atanassov, K.**, Sándor, J.. Inequalities between the arithmetic functions φ, ψ and σ. Part 1. Notes on Number Theory and Discrete Mathematics, 25, 3, 2019, DOI:10.7546/nntdm.2019.25.1.50-53, 50-53 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
11	**Atanassov, K.T.**, **Atanassova, V.**, Chountas, P.. Intercriteria analysis and arithmetic functions. Studies in Computational Intelligence, 757, Springer, 2019, DOI:10.1007/978-3-319-78931-6_1, 1-11. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67
12	**Atanassov, Krassimir**. Brouwer's Ideas and Intuitionistic Fuzziness. In: Kóczy L., Medina-Moreno J., Ramírez-Poussa E. (eds) Interactions Between Computational Intelligence and Mathematics Part 2. Studies in Computational Intelligence, vol 794, Springer, 2019, DOI:10.1007/978-3-030-01632-6_5, 65-81 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
13	**Atanassov, Krassimir**. On two-way generalized nets. In: Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. BGSIAM 2017. Studies in Computational Intelligence, vol 793, Springer, 2019, DOI:10.1007/978-3-319-97277-0_5, 51-62 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
14	**Atanassova, V.**, Doukovska, L.. Business Dynamism and Innovation Capability in the European Union Member States in 2018 through the Prism of InterCriteria Analysis. Lecture Notes in Computer Science, 11529, Springer, 2019, ISBN:978-303027628-7, ISSN:03029743, DOI:10.1007/978-3-030-27629-4_31, 339-349. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	50.00
15	**Christov II**, **Neycheva TD**, **Raikova RT**. ECG-noise removal from EMG-signal by subtraction of hybrid template of averaged PQRS- T intervals. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878620, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
16	**Danailova A.**, **Krumova S.**, Iliev I., Gartcheva L., **Taneva S.G.**, **Todinova S.**. Calorimetric Markers for Inflammation in in vivo Experimental Models. INT. J. BIOAUTOMATION, 23, 4, 2019, DOI:doi: 10.7546/ijba.2019.23.4.000645, 479-488. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	66.67
17	**Diukendjieva, A**, **Alov, P**, **Tsakovska, I**, **Pencheva, T**, Richarz, A, Kren, V, Cronin, M.T.D., **Pajeva, I**. In vitro and in silico studies of the membrane permeability of natural flavonoids from Silybum marianum (L.) Gaertn. and their derivatives. Phytomedicine, 53, Elsevier, 2019, ISSN:0944-7113, 1618-095X, DOI:10.1016/j.phymed.2018.09.001, 79-85. SJR (Scopus):1.024, JCR-IF (Web of Science):4.18 **Q1 - оглавява ранглистата (Scopus)** Линк	1.000	62.50
18	**Diukendjieva, A**, **Tsakovska, I**, **Alov, P**, **Pencheva, T**, **Pajeva, I**, Worth, AP, Madden, JC, Cronin, MTD. Advances in the prediction of gastrointestinal absorption: Quantitative Structure-Activity Relationship (QSAR) modelling of PAMPA permeability. Computational Toxicology, 10, Elsevier, 2019, ISSN:2468-1113, DOI:10.1016/j.comtox.2018.12.008, 51-59 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	62.50
19	**Dotsinsky I**, **Stoyanov T**. Continuously Tested and Used QRS Detection Algorithm: Free Access to the MATLAB Code. International Journal Bioautomation, 23, 1, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2019, ISSN:1314-1902, DOI:10.7546/ijba.2019.23.1.61-70, 61-79. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	100.00
20	**Garvanski I**, Simova I, Angelkov I, **Matveev M**. Predictors of Recurrence of AF in Patients After Radiofrequency Ablation: A Review. European Cardiology Review, 14, 3, Radcliffe Group Ltd, UK, 2019, ISSN:1758-3756, DOI:10.15420/ecr.2019.30.2, 165-168. SJR (Scopus):0.263 **Q3 (Scopus)** Линк	1.000	50.00
21	**Gerganova, M.**, **Faik, A.**, **Velitchkova, M**. Acquired tolerance of the photosynthetic apparatus to photoinhibition as a result of growing Solanum lycopersicum at moderately higher temperature and light intensity. Functional Plant Biology, 46, 2019, DOI:https://doi.org/10.1071/FP18264, 555-566. JCR-IF (Web of Science):2.083 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00

22	**Hristova-Panusheva, K**, **Keremidarska-Markova, M**, **Andreeva, T**, Speranza G, Wang, D, Georgieva M, Miloshev G, **Krasteva, N**. Dose-dependent genotoxicity of ammonia-modified graphene oxide particles in lung cancer cells.. Journal of Physics: Conference Series, 1186, IOP Publishing, 2019, ISSN:17426588, DOI:doi:10.1088/1742-6596/1186/1/012009, 1-9. SJR (Scopus):0.221, JCR-IF (Web of Science):0.51 **Q3 (Scopus)** Линк	1.000	50.00
23	**Krasteva V**, **Jekova I**, Schmid R. Simulating arbitrary electrode reversals in standard 12-lead ECG. Sensors, 19, 13, MDPI, 2019, ISSN:1424-8220, DOI:10.3390/s19132920, 1-19. JCR-IF (Web of Science):3.031 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
24	**Marinov, E.**. Partially smooth linear pretopological and topological operators for fuzzy sets. Proceedings of the Jangjeon Mathematical Society, 22, 3, 2019, 471-485. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	100.00
25	**Natalia Krasteva**, **Milena Keremidarska-Markova**, **Kamelia Hristova-Panusheva**, **Tonya Andreeva**, Giorgio Speranza, Dayong Wang, Milena Draganova-Filipova, George Miloshev, Milena Georgieva. Aminated graphene oxide as a potential new therapy for colorectal cancer.. Oxidative Medicine and Cellular Longevity, 2, Hindawi, 2019, ISSN:1942-0994, DOI:10.1155/2019/3738980, 1-15. SJR (Scopus):1.388, JCR-IF (Web of Science):4.52 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	44.44
26	**Nikolova B.**, **Semkova S.**, **Tsoneva I.**, Antov G., Ivanova J., Vasileva I., Kardaleva P., Stoineva I., Christova N., Nacheva L., Kabaivanova L.. Characterization and potential antitumor effect of a heteropolysaccharide produced by the red alga Porphyridium sordidum. ENGINEERING IN LIFE SCIENCES, 19, 12, 2019, ISSN:ISSN:1618-0240 E-ISSN:1618-2863, DOI:https://doi.org/10.1002/elsc.201900019, 978-985. JCR-IF (Web of Science):2.385 **Q2** Линк	1.000	27.27
27	**Petrov, M**. Modelling and Multi-Criteria Decision Making for Selection of Specific Growth Rate Models of Batch Cultivation by Saccharomyces cerevisiae Yeast for Ethanol Production. Fermentation, 5, 3, art. no 61, MDPI, 2019, ISSN:2311-5637, DOI:http://dx.doi.org/10.3390/fermentation5030061, 1-13 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
28	**Petrova N**, **Stoichev S**, Paunov M, **Todinova S**, **Taneva S**, **Krumova S**. Structural organization, thermal stability, and excitation energy utilization of pea thylakoid membranes adapted to low light conditions. Acta Physiologiae Plantarum, 41, 2019, DOI:https://doi.org/10.1007/s11738-019-2979-6, 188. SJR (Scopus):0.588, JCR-IF (Web of Science):1.608 **Q2 (Scopus)** Линк	1.000	83.33
29	**Popova, A.V.**, **Dobrev, K.**, **Velitchkova, M**, **Ivanov, A.G.**. Differential temperature effects on dissipation of excess light energy and energy partitioning in lut2 mutant of Arabodopsis thaliana under photoinhibitory conditions.. Photosynth. Res., 139, 1-3, 2019, ISSN:0166-8595, DOI:https://doi.org/10.1007/s11120-018-0511-2, 367-385. JCR-IF (Web of Science):3.864 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
30	**R. T. Todorova**, A.T. Atanasov, V. H. Petrova-Tacheva. Biologically active substances with antioxidant activity isolated from the medicinal plant Galega officinalis L.. Bulgarian Chemical Communications, 51, Special Issue A, BAS, 2019, 161-166. SJR (Scopus):0.137 **Q4** Линк	1.000	33.33
31	**Raikova R**, **Angelova S**, Veneva I, **Christov I**. Experimental investigation of electromyographic activities of upper limb muscles without and with a passive exoskeleton with four degrees of freedoms. International Journal Bioautomation, 23, 3, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2019, ISSN:1314-2321, DOI:10.7546/ijba.2019.23.3.000673, 343-354. SJR (Scopus):0.267 **Q3 (Scopus)** Линк	1.000	75.00
32	**Roeva, O.**, **Vassilev, P.**, Ikonomov, N., **Angelova, M.**, Su, J., **Pencheva, T.**. On Different Algorithms for InterCriteria Relations Calculation. Studies in Computational Intelligence, 757, Springer, 2019, ISSN:1860-949X, 143-160. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67

33	**Roeva, O.**, **Zoteva, D.**, **Atanassova, V.**, **Atanassov, K.**, Castillo, O.. Cuckoo search and firefly algorithms in terms of generalized net theory. Soft Computing, 2019, DOI:10.1007/s00500-019-04241-7, JCR-IF (Web of Science):2.784 **Q2 (Scopus)** Линк	1.000	80.00
34	**Roeva, O.**, Fidanova, S., Luque, L., Paprzycki, M.. Intercriteria Analysis of ACO Performance for Workforce Planning Problem. Studies in Computational Intelligence, 795, Springer, 2019, 47-67. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00
35	**Roeva, O.**, Ikonomov, N., **Vassilev, P.**. Discovering Knowledge from Predominantly Repetitive Data by InterCriteria Analysis. Studies in Computational Intelligence, 795, Springer, 2019, 213-233. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	66.67
36	**Simov D**, **Christov I**, Simova I. T-wave area dispersion in coronary artery bypass grafting is indicative for increased risk of adverse events in diabetics. Current Diabetes Reviews, 15, 5, Bentham Science, 2019, ISSN:1573-3998, DOI:10.2174/1573399815666190115150321, 347-348. SJR (Scopus):0.733 **Q2 (Web of Science)** Линк	1.000	66.67
37	**Uzunova, V.**, **Tzoneva, R.**, **Stoyanova, T.**, Pankov, R., Skrobanska, R., Georgiev, G., **Maslenkova, L.**, Tsonchev, Z., **Momchilova, A.**. Dimethylsphingosine and miltefosine induce apoptosis in lung adenocarcinoma A549 cells in a synergistic manner. Chemico-Biological Interactions, 310, 310, Elsevier, 2019, DOI:DOI: 10.1016/j.cbi.2019.108731, SJR (Scopus):0.923, JCR-IF (Web of Science):3.407 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	55.56
38	**Zhelev Z.**, Georgieva E., Lazarova D., **Semkova S.**, Aoki I., Gulubova M., Higashi T., Bakalova R.. "Redox-imaging" to Distinguish Cells with Different Proliferative Index – Superoxide, Hydrogen Peroxide, and Their Ratio as Potential Biomarkers. 2019, Oxidative Medicine and Cellular Longevity, 2019, DOI:https://doi.org/10.1155/2019/6373685, 6373685. JCR-IF (Web of Science):4.936 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
39	Angelova, Ts., Rangelova, N., Georgieva, N., Nemska, V., **Stoyanova, T.**, **Uzunova, V.**, Aleksandrov, L., **Tzoneva, R.**. Study of potential biomedical application of sol-gel derived Zn-doped SiO 2 -hydroxypropyl cellulose nanohybrids. Materials Science & Engineering C, C, 100, Elsevier, 2019, DOI:https://doi.org/10.1016/j.msec.2019.03.018, 608-615. JCR-IF (Web of Science):4.959 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	37.50
40	Angelova, V.T., **Pencheva, T.**, Vassilev, N., Simeonova, R., Momekov, G., Valcheva, V.. New indole and indazole derivatives as potential antimycobacterial agents. MEDICINAL CHEMISTRY RESEARCH, 28, 4, 2019, 485-497. SJR (Scopus):0.366, JCR-IF (Web of Science):1.72 **Q2 (Web of Science)** Линк	1.000	16.67
41	Bureva, V., Traneva, V., Sotirova, E., **Atanassov, K.**. Index matrices and Olap-cube part 4: A presentation of the Olap "drill across" operation by index matrices. Advanced Studies in Contemporary Mathematics (Kyungshang), 29, 1, 2019, 109-123. SJR (Scopus):0.284 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00
42	Castillo, O., **Atanassov, K.**. Comments on fuzzy sets, interval type-2 fuzzy sets, general type-2 fuzzy sets and intuitionistic fuzzy sets. Studies in Fuzziness and Soft Computing, 372, Springer Nature, 2019, ISSN:14349922, DOI:10.1007/978-3-030-02155-9_3, 35-43. SJR (Scopus):0.189 **Q3 (Scopus)** Линк	1.000	50.00
43	Dinić, J., Podolski-Renić, A., Jovanović, M., Musso, L., **Tsakovska, I.**, **Pajeva, I.**, Dallavalle, S., Pešić, M.. Novel Heat Shock Protein 90 inhibitors suppress P-glycoprotein activity and overcome multidrug resistance in cancer cells. International Journal of Molecular Sciences, 20, MDPI, 2019, ISSN:ISSN 1422-0067, DOI:10.3390/ijms20184575, 4575. JCR-IF (Web of Science):4.183 **Q2 (Web of Science)** Линк	1.000	25.00
44	Dobrev DP, **Neycheva TD**. Automatic Common Mode Electrode-Amplifier Impedance Balance: Implementation and Results. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878610, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	50.00

45	Doukovska, L., **Atanassova, V.**. InterCriteria Analysis of the Most Problematic Factors for Doing Business in the European Union, 2017–2018. Lecture Notes in Computer Science, 11529, Springer, 2019, ISBN:978-303027628-7, ISSN:03029743, DOI:10.1007/978-3-030-27629-4_32, 353-360. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	50.00
46	Doukovska, Lyubka, **Atanassova, Vassia**, Sotirova, Evdokia, Vardeva, Ivelina, Radeva, Irina. Defining Consonance Thresholds in InterCriteria Analysis: An Overview. In: Hadjiski M., Atanassov K. (eds) Intuitionistic Fuzziness and Other Intelligent Theories and Their Applications. Studies in Computational Intelligence, vol 757., Springer, 2019, DOI:10.1007/978-3-319-78931-6_11, 161-179. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	20.00
47	Fidanova, S., **Roeva, O.**, Luque, G.. Ant Colony optimization algorithm for workforce planning: Influence of the algorithm parameters. Studies in Computational Intelligence, 793, Springer, 2019, 119-128. SJR (Scopus):0.187 **Q4 (Scopus)** Линк	1.000	33.33
48	Fidanova, S., **Roeva, O.**. InterCriteria Analysis of Different Variants of ACO algorithm for Wireless Sensor Network Positioning. In: Nikolov G., Kolkovska N., Georgiev K. (eds) Numerical Methods and Applications. NMA 2018. Lecture Notes in Computer Science, 11189, Springer, Cham, 2019, DOI:https://doi.org/10.1007/978-3-030-10692-8_10, 88-96. SJR (Scopus):0.295 **Q2 (Scopus)** Линк	1.000	50.00
49	Fidanova, S., Luque, G., **Roeva, O.**, Ganzha, M.. Ant colony optimization algorithm for workforce planning: Influence of the evaporation parameter. Proceedings of the 2019 Federated Conference on Computer Science and Information Sys-tems, 2019, 177-181 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00
50	Georgiev, NI., Said, AI., Toshkova, RA., **Tzoneva, RD.**, Bojinov, VB.. A novel water-soluble perylenetetracarboxylic diimide as a fluorescent pH probe: Chemosensing, biocompatibility and cell imaging. Dyes and Pigments, 160, Elsevier, 2019, ISSN:0143-7208, 28-36. SJR (Scopus):0.83, JCR-IF (Web of Science):3.767 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
51	Georgieva, A., Toshkova, R., Dodorova, K., **Tzoneva, R.**. ANTINEOPLASTIC EFFECTS OF ERUFOSINE ON GRAFFI MYELOID TUMOUR IN HAMSTERS. Bulgarian Journal of Veterinary Medicine, Faculty of Veterinary Medicine, Trakia University, 2019, ISSN:1311-1477, DOI:10.15547/bjvm.2278, SJR (Scopus):0.167 **Q3 (Scopus)** Линк	1.000	25.00
52	Guncheva M., **Todinova S.**, **Uzunova V.**, Idakieva K., Raynova Y., Ossowicz P., Janus E., **Tzoneva R.**. Destabilization of β-Hemocyanin from Helix pomatia in Presence of Choline Amino Acids Results in Improved Cell Specificity and Cytotoxicity against Human Breast Cancer. Chemistry Select, 4, 39, John Wiley & Sons, Ltd, 2019, DOI:https://doi.org/10.1002/slct.201902464, 11460-11466. JCR-IF (Web of Science):1.716 **Q2 (Web of Science)** Линк	1.000	37.50
53	Guncheva M., **Todinova S.**, Yancheva D., Raynova Y., Idakieva K.. Thermal stability and secondary structure of feruloylated Rapana thomasiana hemocyanin. Journal of Thermal Analysis and Calorimetry, 2019, DOI:https://doi.org/10.1007/s10973-019-08373-8, 2715-2720. SJR (Scopus):0.587, JCR-IF (Web of Science):2.471 **Q2 (Web of Science)** Линк	1.000	20.00
54	Guncheva M., Ossowicz P., Janus E., **Todinova S.**, Yancheva D.. Elucidation of the effect of some cholinium amino acid ionic liquids on the thermal and the conformational stability of insulin. Journal of Molecular Liquids, 283, Elsevier, 2019, ISSN:0167-7322, DOI:doi.org/10.1016/j.molliq.2019.03.074, 257-262. SJR (Scopus):0.849, JCR-IF (Web of Science):4.561 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
55	Hollis L., **Ivanov, A.G.**, Hüner, N.P.A.. Chlorella vulgaris integrates photoperiod and chloroplast redox signals in response to growth at high light. Planta. Planta, 249, 2019, ISSN:0032-0935, DOI:doi: 10.1007/s00425-018-03070-6, 1189-1205. JCR-IF (Web of Science):3.249 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
56	Ignatova V, Stoyanova T, Haralanov L, Surchev J, **Todorova L**. Depression and anxiety in patients with multiple sclerosis. Comparison with grade of disability. Comptes rendus de l'Académie bulgare	1.000	20.00

	des Sciences, 72, 10, 2019, ISSN:1310–1331, DOI:10.7546/CRABS.2019.10.17, 1433-1440. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк		
57	Iliev I, **Jekova I**, Tabakov S, Koshtikova K, Iovev S. Telemetry of Hospitalized High-Risk Patients with Cardiovascular Diseases. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878494, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	20.00
58	Ivanova D., **Zhelev Z.**, **Semkova S.**, Aoki I., Bakalova R.. Resveratrol Modulates the Redox-status and Cytotoxicity of Anticancer Drugs by Sensitizing Leukemic Lymphocytes and Protecting Normal Lymphocytes. International Institute of Anticancer Research (IIAR) journals, 39, 7, Anticancer Res, 2019, ISSN:Print ISSN: 0250-7005, Online ISSN: 1791-7530, DOI:10.21873/anticanres.13523, 3745-3755. SJR (Scopus):0.722, JCR-IF (Web of Science):1.865 **Q2 (Scopus)** Линк	1.000	40.00
59	Kanev IK, Iliev IT, **Krasteva V**. Sonification – an Alternative Presentation of the Electrocardiogram: A Systematic Literature Review. Proc. 2019 IEEE XXVIII International Scientific Conference Electronics (ET2019), IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878650, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	33.33
60	Klodawska K, Kovacs L, **Vladkova R**, Rzaska A, Gombos Z, Laczko-Dobos H, Malec P. Trimeric organization of photosystem I is required to maintain the balanced photosynthetic electron flow in cyanobacterium Synechocystis sp. PCC 6803. Photosynthesis Research, Springer, 2019, DOI:10.1007/s11120-019-00696-9, JCR-IF (Web of Science):3.057 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
61	Kovacs T, Szalontai B, Klodawska K, **Vladkova R**, Malec P, Gombos Z, Laczko-Dobos H. Photosystem I oligomerization affects lipid composition in Synechocystis sp. PCC 6803, Q1(ISI). BBA - Molecular and Cell Biology of Lipids, 1864, Elsevier, 2019, DOI:10.1016/j.bbalip.2019.06.013, 1384-1395. JCR-IF (Web of Science):5.162 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
62	Kovalchuk, V., Gołubowska, B., **Mladenov, I.**. Mechanics of Infinitesimal Test Bodies on Delaunay Surfaces: Spheres and Cylinders as Limits of Unduloids and Their Action-Angle Analysis. J. Geom. Symmetry Phys., 53, 2019, DOI:10.7546/jgsp-53-2019-55-84, 55-84. SJR (Scopus):0.185 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	33.33
63	Krekic S, Nagy D, **Taneva S.G.**, Fábián L, Zimányi I, Dér Andras. Spectrokinetic characterization of photoactive yellow protein films for integrated optical applications. European Biophysical Journal, 48, 5, Springer, 2019, DOI:10.1007/s00249-019-01353-8, 465-473. JCR-IF (Web of Science):1.472 **Q3 (Web of Science)** Линк	1.000	16.67
64	Lagarde, N., Goldwasser, E., **Pencheva, T.**, **Jereva, D.**, **Pajeva, I.**, Rey, J., Tuffery, P., Villoutreix, B.O., Miteva, M.A.. A free web-based protocol to assist structure-based virtual screening experiments. International Journal of Molecular Sciences, 20, MDPI, 2019, ISSN:1422-0067, DOI:10.3390/ijms20184648, 4684. JCR-IF (Web of Science):4.183 **Q2 (Web of Science)** Линк	1.000	33.33
65	Lavignasse D, Trendafilova E, Dimitrova E, **Krasteva V**. Cardioversion of Atrial Fibrillation and Flutter: Comparative Study of Pulsed vs. Low Energy Biphasic Truncated Exponential Waveforms. Journal of Atrial Fibrillation, 12, 3, Cardiofront, Inc., USA, 2019, ISSN:1941-6911, 1-7. SJR (Scopus):0.337 **Q3 (Scopus)** Линк	1.000	25.00
66	Maglovski M., Gregorová Z., Rybanský L., Bardáčová M., Moravčíková J., Bujdoš M., **Dobrikova A.**, **Apostolova E.**, Kraic J., Blehová A., Matušíková I.. Effects of nutrition on wheat photosynthetic pigment responses to arsenic stress. Polish J. Environ. Studies, Vol. 28, 3, 2019, ISSN:1230-1485, DOI:DOI: https://doi.org/10.15244/pjoes/89584, 1-9. SJR (Scopus):0.351, JCR-IF (Web of Science):1.186 **Q2 (Scopus)** Линк	1.000	18.18
67	Marchev, S., Andreeva-Gateva, P., **Tzoneva, R.**, Surcheva, S., Tzonev, A., Kamenova, K., Angelova, V., Tchekalarova, J., Vlaskovska, M.. Analgesic activity of some aroylhydrazone based molecular hybrids with antiseizure activity– in vivo and in silico evaluations. Biotechnology &	1.000	11.11

	Biotechnological Equipment, 33, Taylor&Francis, 2019, 98-107. SJR (Scopus):0.394, JCR-IF (Web of Science):1.227 **Q3 (Scopus)** Линк		
68	Mermeklieva E., Cherninkova S., Chernodrinska V., Solakov D., Grozeva G., Tomova M., **Todorova L.**. Combined electrophysiological method for early diagnostics of functional changes in the visual analizer in patients with diabetes mellitus without diabetic retinopathy.. Comptes rendus de l'Académie bulgare des Sciences, 72, 5, 2019, ISSN:ISSN 1310–1331, DOI:DOI: 10.7546/CRABS.2019.05.16, 674-682. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	14.29
69	Mladenova, C.D., **Mladenov, IM**. Variations on the theme Euler angles. Surveys in Mathematics and its Applications, 14, 2019, ISSN:843-7265, 341-354 **Без JCR или SJR – индексиран в WoS или Scopus (ZentralBlatt)** Линк	1.000	50.00
70	Moustakas, M., Hanc, A., **Dobrikova, A.**, Sperdouli, I., Adamakis, I.-D., **Apostolova E.**. Spatial heterogeneity of cadmium effects on Salvia sclarea leaves revealed by Chlorophyll fluorescence imaging analysis and Laser ablation inductively coupled plasma mass spectrometry. Materials, 12, 18, MDPI, Switzerland, 2019, ISSN:1996-1944, DOI:DOI: 10.3390/ma12182953, 2953. JCR-IF (Web of Science):2.972 **Q2 (Web of Science)** Линк	1.000	33.33
71	Orozova, D., **Atanassov, K.**. Model of Big Data Map/Reduce processing. Comptes rendus de l'Acad´emie bulgare des Sciences, 72, 11, 2019, DOI:10.7546/CRABS.2019.11.11, 1537-1545. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	50.00
72	Pankov, R., **Momchilova, A.**, Stefanova, N., Yamada K.. Characterization of stitch adhesions: Fibronectin-containing cell-cell contacts formed by fibroblasts. Experimental Cell Research, 384, 1, Elsevier, 2019, ISSN:111616, DOI:10.1016/j.yexcr.2019.111616, 1111616. SJR (Scopus):1.211, JCR-IF (Web of Science):3.329 **Q2 (Scopus)** Линк	1.000	25.00
73	Pulov, I., Hadzhilazova, M., **Mladenov, I.**. Deformations Without Bending: Explicit Examples. Geom. Integrability & Quantization, 20, 2019, ISSN:1314-3247, DOI:10.7546/giq-20-2019-246-254, 246-254. SJR (Scopus):0.47 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	33.33
74	Pulov, V.I., **Mladenov, I.**. Explicit Description of Some Classes of Non-Bending Surfaces. J. Geom. Symmetry Phys., 51, 2019, DOI:10.7546/jgsp-51-2019-41-71, 41-71. SJR (Scopus):0.185 **Q4 (Web of Science)** Линк	1.000	50.00
75	Pulov, V.I., **Mladenov, I.**. Rotating Liquid Drops and Delaunay Surfaces. J Geom Symmetry Phys, 54, 2019, ISSN:1312-5192, DOI:10.7546/jgsp-54-2019-55-78, 55-78. SJR (Scopus):0.185 **Q4 (Web of Science)** Линк	1.000	50.00
76	Sandor, J, **Atanassov, K.**. A note on balanced numbers. Notes on Number Theory and Discrete Mathematics, 25, 4, 2019, DOI:10.7546/nntdm.2019.25.4.8-15, 8-15 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
77	Sandor, J., **Atanassov, K.**. Inequalities between the arithmetic functions φ, ψ and σ. Part 2. Notes on Number Theory and Discrete Mathematics, 25, 2, 2019, DOI:10.7546/nntdm.2019.25.2.30-35, 30-35 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	50.00
78	Shao, H, Han, Z, **Krasteva, N**, Wang, D. Identification of signaling cascade in the insulin signaling pathway in response to nanopolystyrene particles. Nanotoxicology, 13, 2, Taylor and Francis Ltd, 2019, DOI:doi: 10.1080/17435390.2018.1530395, 174-188. SJR (Scopus):1.617, JCR-IF (Web of Science):6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
79	Sotirova, E., Kacprzyk, J., **Atanassov, K.**, Szmidt, E.. A Generalized Net Model for the Coordination and Synchronization of Human and Computer-Based Expert Type Decision Support Activities. Interactions Between Computational Intelligence and Mathematics Part 2 (L. T. Kóczy, J. Medina-Moreno, E. Ramírez-Poussa, Eds.), Studies in Computational Intelligence, 794, Springer Nature, 2019, DOI:10.1007/978-3-030-01632-6_8, 115-126. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00

80	Stratiev, D., Shishkova, I., Nikolaychuk, E., **Atanassova, V.**, **Atanassov, K.**. Investigation of relations of properties of straight run and H-oil unconverted vacuum residual oils. Petroleum and Coal, 61, 4, 2019, ISSN:1337-7027, 763-776. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	40.00
81	Surchev, J, **Todorova, L**, Ignatova, V. Intraventricular intraoperative prophylaxis with vancomycin - a factor for reducing infections in shunt operations. Comptes rendus de l'Académie bulgare des Sciences, 72, 11, 2019, ISSN:1310-1331, DOI:10.7546/CRABS.2019.11.17, 1585-1591. JCR-IF (Web of Science):0.321 **Q4 (Web of Science)** Линк	1.000	33.33
82	Świerczek-Lasek, B., **Keremidarska-Markova, M.**, **Hristova-Panusheva, K.**, Vladkova T., Ciemerych, M.A., Archacka, K., **Krasteva, N.**. Polydimethylsiloxane materials with supraphysiological elasticity enable differentiation of myogenic cells. Journal of Biomedical Materials Research - Part A, 107, 12, John Wiley and Sons Inc., 2019, ISSN:15493296, DOI:10.1002/jbm.a.36768, 2619-2628. SJR (Scopus):3.3 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	42.86
83	Szyszka-Mroz B., Cvetkovska M., **Ivanov A.G.**, Smith D.R., Possmayer M., Maxwell D.P., Hüner N.P.A.. Cold-adapted protein kinases and thylakoid remodeling impact energy distribution in an Antarctic psychrophile. Plant Physiology, 180, 2019, ISSN:ISSN 00320889, DOI:10.1104/pp.19.00411, 1291-1309. JCR-IF (Web of Science):5.949 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
84	Tanovska, M., Rahmani, M., Vladimirova- Mihaleva, L., Berger, M.R., Neshev, D., **Momchilova, A.**, **Tzoneva, R.**. An ellipsometric study of interaction of anti-cancer agent erufosine on lipid model systems. AIP Conference Proceedings, 2075, 1, AIP Publishing, 2019, SJR (Scopus):0.18, JCR-IF (Web of Science):0.4 **SJR, непопадащ в Q категория** Линк	1.000	28.57
85	Tenchov, B, Koynova, R, Antonova, B, Zaharinova, S, Abarova, S, Komsa, R, **Momchilova, A**. Blood plasma thermal behavior and protein oxidation as indicators of multiple sclerosis clinical status and plasma exchange therapy progression. Thermochimica Acta, 671, Elsevier, 2019, ISSN:0040-6031, 193-199. JCR-IF (Web of Science):2.18 **Q2 (Web of Science)** Линк	1.000	14.29
86	Traneva, V., **Atanassova, V.**, Tranev, S.. Index matrices as a decision-making tool for job appointment. Lecture Notes in Computer Science, 11189, Springer, 2019, DOI:10.1007/978-3-030-10692-8_18, 158-166. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	33.33
87	Traneva, V., Tranev, S., **Atanassova, V.**. An intuitionistic fuzzy approach to the Hungarian algorithm. Lecture Notes in Computer Science, 11189, Springer, 2019, DOI:10.1007/978-3-030-10692-8_19, 167-175. SJR (Scopus):0.283 **Q2 (Scopus)** Линк	1.000	33.33
88	Ulloa-Inostroza E., Alberdi M., **Ivanov A.G.**, Reyes-Diaz M.. Protective effect of methyl jasmonate on photosynthetic performance and its association with antioxidants in contrasting aluminum-resistant blueberry cultivars exposed to aluminum. J. Soil Sci. Plant Nutr., 19, 2019, ISSN:ISSN 0718-9508, DOI:https://doi.org/10.1007/s42729-019-0006-z, 203-216. JCR-IF (Web of Science):2.116 **Q2 (Scopus)** Линк	1.000	25.00
89	Zhao, L, Dong, S, Zhao, Y, Shao, H, **Krasteva, N**, Wu, Q., Wang, D. Dysregulation of let-7 by PEG modified graphene oxide in nematodes with deficit in epidermal barrier.. Ecotoxicology and Environmental Safety,, 169, Academic Press, 2019, ISSN:01476513, DOI:https://doi.org/10.1016/j.ecoenv.2018.10.106, 1-7. SJR (Scopus):1.174, JCR-IF (Web of Science):4.88 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
Коригиран брой: 89.000			

Приети за публикуване:

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Atanassov, K.**, **Vassilev, P.**. Intuitionistic fuzzy sets and other fuzzy sets extensions representable by them. Journal of Intelligent & Fuzzy Systems, 38, 1, 2020, DOI:10.3233/JIFS-179426, 525-530. JCR-IF (Web of Science):1.637 **Q3 (Web of Science)** Линк	1.000	100.00
2	**Roeva, O.**, Fidanova, S.. Different InterCriteria Analysis of Variants of ACO algorithm for Wireless Sensor Network Positioning. Studies in Computational Intelligence, 838, Springer, 2020, 83-103. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	50.00
3	Fidanova, S., **Roeva, O.**, Luque, G., Paprzycki, M.. InterCriteria Analysis of Different Hybrid Ant Colony Optimization Algorithms for Work-force Planning. Studies in Computational Intelligence, 838, Springer, 2020, 61-81. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	25.00
4	Traneva, V., Tranev, S., **Atanassova, V.**. Index matrices as a cost optimization tool of resource provisioning in uncertain cloud computing environment. Studies in Computational Intelligence, 838, Springer, 2020, DOI:10.1007/978-3-030-22723-4_11, 155-179. SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	33.33
5	Zhiponova, M., Paunov, M., Anev, S., **Petrova, N.**, **Krumova, S.**, Raycheva, A., Goltsev, V., Tzvetkova, N., **Taneva, S.**, Sapunov, K., Chaneva, G.. JIP-test as a tool for early diagnostics of plant growth and flowering upon selected light recipe. Photosynthetica, 58 (SI), 2020, 214-223. SJR (Scopus):0.647, JCR-IF (Web of Science):2.365 **Q2 (Web of Science)** Линк	1.000	27.27
6	**Andreev, N.**, **Atanassov, K.**, Sotirova, E., **Atanassova, V.**, **Roeva, O.**, **Zoteva, D.**, **Vasilev, P.**. Generalized net models of the processes in and between centers for transfusion haematology. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	85.71
7	**Andreev, N.**, **Pencheva, T.**, **Ribagin, S.**, **Atanassov, K.**. Generalized net model of blood donation processes. Advances in Intelligent Systems and Computing, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
8	**Atanassov, K.**. Extended Interval Valued Intuitionistic Fuzzy Index Matrices. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
9	**Jereva, D**, **Pencheva, T.**, **Tsakovska, I**, **Alov, P**, **Pajeva, I.**. Exploring Appicability of InterCriteria Analysis on the Performance of MOE and GOLD Scoring Functions. Studies in Computational Intelligence, приета за печат: 2019, SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	100.00
10	**Kostadinova Aneliya**, Ivanova Iliana, Dragomira Stoyanova, Elena Nenova, Anna Staneva. ANTIMICROBIAL AND CYTOTOXIC PROPERTIES OF GRAPHENE AND METAL NANOMATERIALS. Journal of Chemical Technology and Metallurgy, приета за печат: 2019, SJR (Scopus):0.331 **Q2 (Scopus)** Линк	1.000	20.00
11	**Kostadinova, A.**, Yankova, R.. DFT calculations, characterization and in vitro cytotoxicity of platinum(II) complex of 3-amino-1,2,4-triazole [Pt(3-amino-1,2,4-triazole)2Cl2]. Journal of Chemical Technology and Metallurgy, приета за печат: 2019, SJR (Scopus):0.331 **Q2 (Scopus)** Линк	1.000	50.00
12	**Marinov, E.**, **Atanassov, K.**. Partially continuous pretopological and topological operators for intuitionistic fuzzy sets. приета за печат: 2019, ISSN:1735-0654, DOI:10.22111/ijfs.2019.4879, JCR-IF (Web of Science):1.496 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00

13	**Ribagin, S.**, Grozeva, A., Popova, G., Stoyanova, Z.. Application of InterCriteria Analysis to prevalence and risks factors associated with overweight among college students. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	25.00
14	**Ribagin, S.**, Stavrev, S.. InterCriteria Analysis of data obtained from university students practicing sports activities. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	50.00
15	**Roeva, O.**, **Vassilev, P.**, Ikonomov, N., Marinov, P., **Zoteva, D.**, **Atanassova, V.**, **Atanassov, K.**. MkBGFire – Game Modelling of Forest Fires in Bulgaria. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	71.43
16	**Roeva, O.**, **Zoteva, D.**. ICrA over Ordered Pairs Applied to ABC Optimization Results. Studies in Computational Intelligence, Springer, приета за печат: 2019, SJR (Scopus):0.183 **Q4 (Scopus)** Линк	1.000	100.00
17	**Tsakovska, I.**, **Alov, P.**, Ikonomov, N., **Atanassova, V.**, **Vassilev, P.**, **Roeva, O.**, **Jereva, D.**, **Atanassov, K.**, **Pajeva, I.**, **Pencheva, T.**. InterCriteria Analysis Implementation for Exploration of the Performance of Various Docking Scoring Functions. Studies in Computational Intelligence, приета за печат: 2019, in press. JCR-IF (Web of Science):0.183 **Q4 (Scopus)** Линк	1.000	90.00
18	**Vassilev, P.**, **Atanassov, K.**. A note on intuitionistic fuzzy sets, interval valued intuitionistic fuzzy sets and picture fuzzy sets. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	100.00
19	**Vassilev, P.**, **Atanassov, K.**. Generalised Atanassov Intuitionistic Fuzzy Sets Are Actually Intuitionistic Fuzzy Sets. Studies in Computational Intelligence, 862, Springer Nature, приета за печат: 2019, ISBN:978-3-030-35445-9, ISSN:1860-949X, SJR (Scopus):0.183 **Q4** Линк	1.000	100.00
20	**Zoteva, D.**, **Vassilev, P.**, **Todorova, L.**, **Atanassov, K.**, Doukovska, L., Tzanov, V.. Generalized Net Model of Cyber-control of the Firm's Dumpers and Crushers. Studies in Systems, Decision and Control, Springer, приета за печат: 2019, ISSN:2198-4182 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	66.67
21	Ignatova V., Surchev J., Stoyanova Ts., **Vassilev P.**, Haralanov L., **Todorova, L.**. Social cognition impairments in patients with multiple sclerosis. Comparison with grade of disability.. приета за печат: 2019, JCR-IF (Web of Science):2.7 **Q3 (Web of Science)** Линк	1.000	33.33
22	Kadinov, B.,, **Nikolova, B.,**, **Semkova, S.,**, Kabaivanova, L.,, **Dimitrova, D.**. Effect of Trechalose lipid biosurfactant from Nocardia farcinica strain on isometric contraction of rat mesenteric arteries in vivo. Int. J. Bioautomation, приета за печат: 2019, JCR-IF (Web of Science):0.267 **Q3 (Scopus)** Линк	1.000	60.00
23	Sonkin, M. A., Khamukhin, A.A., Pogrebnoy, A.V., Marinov, P., **Atanassova, V.**, **Roeva, O.**, **Atanassov, K.**, Alexandrov, A.. Intercriteria analysis as tool for acoustic monitoring of forest for early detection fires. Advances in Intelligent Systems and Computing, Springer, приета за печат: 2019, SJR (Scopus):0.174 **Q3 (Scopus)** Линк	1.000	37.50
Коригиран брой: 23.000			