I. XX a: 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**: 2024 ÷ 2024
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Andreeva T**, Rudt A, Fábián L, Ayaydin F, Iliev I, Jung O, Barbeck M, Dér A, Krastev R, **Taneva SG**. Control of Cell Adhesion and Growth on Polysaccharide-Based Multilayer Coatings by Incorporation of Graphene Oxide. Coatings, 14, 5, mdpi, 2024, DOI:10.3390/coatings14050570, 570. JCR-IF (Web of Science):2.9 **Q2 (Web of Science)** Линк	1.000	20.00
2	**Andreeva T**, Walker O, Rudt A, Jung O, Barbeck M, Gülcher M, Krastev R. Composite polymer/wax coatings as a corrosion barrier of bioresorbable magnesium coronary stents. Heliyon, 10, 13, Elsevier, 2024, DOI:10.1016/j.heliyon.2024.e34025, e34025. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
3	**Angelova, M.**, **Angelova, S.**, **Raikova, R.**. How to Optimize the Experimental Protocol for Surface EMG Signal Measurements Using the InterCriteria Decision-Making Approach. Applied science, MDPI, 2024, JCR-IF (Web of Science):2.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
4	**Angelova, M.**, **Pencheva, T.**. Influence of Genetic Algorithm Parameters on Their Performance for Parameter Identification of a Yeast Fed-batch Fermentation Process Model. International Journal Bioautomation, 28, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.4.001038, 233-244. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	100.00
5	**Angelova, M.**, **Raikova, R.**, **Angelova, S.**. Comparison Between InterCriteria and Correlation Analyses over sEMG Data from Arm Movements in the Horizontal Plane. Applied Science, 14, 21, MDPI, 2024, ISSN:2076-3417, DOI:10.3390/app14219864, 9864. JCR-IF (Web of Science):2.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
6	**Angelova, S.**, **Angelova, M.**, **Raikova, R.**. Estimating Surface EMG Activity of Human Upper Arm Muscles Using InterCriteria Analysis. Math. Comput. Appl., MDPI, 2024, JCR-IF (Web of Science):1.9 **Q2 (Web of Science)** Линк	1.000	100.00
7	**Angelova, S.**, **Raikova, R.**, Markova, N.. Electromyographic activities of muscles in the shoulder and elbow joints during elbow flexion-extensions with different velocities in the sagittal and horizontal planes. Biomedical Human Kinetics, Sciendo, 2024, DOI:https://doi.org/10.2478/bhk-2024-0028, JCR-IF (Web of Science):0.8 **Q3 (Scopus)** Линк	1.000	66.67
8	**Apostolova, E.L.**. Molecular mechanisms associated with plant tolerance upon abiotic stress.. Plants, 13, 3532, MDPI, 2024, DOI:doi.org/10.3390/plants13243532, 1-5. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
9	**Atanassov, K. T.**. New Results on Extended Intuitionistic Fuzzy Index Matrices. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_5, 26-33. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	100.00
10	**Atanassov, K. T.**. On tertions and dual numbers. Notes on Number Theory and Discrete Mathematics, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.2.443-452, 443-452. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
11	**Atanassov, K. T.**. On the set of Set(n)'s. Notes on Number Theory and Discrete Mathematics, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.3.590-594, 590-594. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00

12	**Atanassov, K. T.**. Two arithmetic functions related to Euler's and Dedekind's functions. Notes on Number Theory and Discrete Mathematics, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.1.179-183, 179-183. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
13	**Atanassov, K.**, Kacprzyk, J., Angelova, N.. Intuitionistic Fuzzy Interpretation of Quantum Logic Axioms. JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, 43, Old City Publishing, Inc., 2024, ISSN:1542-3980, 343-354. JCR-IF (Web of Science):0.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
14	**Atanassov, K.**, Kacprzyk, J.. Bipolar Fuzzy Sets Are Intuitionistic Fuzzy Sets. Comptes rendus de l'Académie bulgare des Sciences, 77, 12, „Prof. Marin Drinov" Publishing House of Bulgarian Academy of Sciences, 2024, ISSN:1310–1331, DOI:10.7546/CRABS.2024.12.02, 1752-1756. JCR-IF (Web of Science):0.3 **Q3 (Scopus)** Линк	1.000	50.00
15	**Atanassov, K.**. A general approach to modal topological structures illustrated by intuitionistic fuzzy objects. Notes on Intuitionistic Fuzzy Sets, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.3.260-284, 260-284 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
16	**Atanassov, K.**. Intuitionistic Fuzzy Modal Multi-Topological Structures and Intuitionistic Fuzzy Multi-Modal Multi-Topological Structures. Mathematics, 12, 3, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12030361, 361. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
17	**Atanassov, K.**. Intuitionistic fuzzy temporal operators and temporal topological structures. Notes on Intuitionistic Fuzzy Sets, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.4.285-296, 285-296 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
18	**Atanassov, K.**. New results on the InterCriteria Analysis. Notes on Intuitionistic Fuzzy Sets, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.2.156-164, 156-164 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
19	**Atanassov, K.**. Remark on Intuitionistic Fuzzy Temporal Modal Topological Structures. Axioms, 13, 4, MDPI, 2024, ISSN:2075-1680, DOI:10.3390/axioms13040256, 256. JCR-IF (Web of Science):1.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
20	**Beleva, E**. Epidemiological estimates of paroxysmal nocturnal hemoglobinuria in Bulgaria. Intractable & Rare Diseases Research, 13, 3, International Advancement Center for Medicine & Health Research Co., Ltd. (IACMHR Co., Ltd.), 2024, ISSN:2186-361X, DOI:doi:10.5582/irdr.2024.01016, 190-194. JCR-IF (Web of Science):1.1 **Q3 (Web of Science)** Линк	1.000	100.00
21	**Benkova, D.**, Dishliyska, V., Staleva, J. M., **Kostadinova, A.**, **Staneva, G.**, El-Sayed, Kh., Elshoky, H.A., Krumova, E.. CS and ZnO Nanoparticles as Fungicides Against Fungal Pathogens Alternaria solani and Fusarium solani. Mechanism Underlining Their Antifungal Activity. Comptes rendus de lAcademie bulgare des Sciences, 77, 7, Marin Drinov, BAS, 2024, ISSN:1310–1331, DOI:http://dx.doi.org/10.7546/CRABS.2024.07.05, 986-996. SJR (Scopus):0.16, JCR-IF (Web of Science):0.3 **Q3 (Scopus)** Линк	1.000	37.50
22	**Dimitrov, A. G.**. A hypothetical mechanism capable to reflect the features of the mitochondrial permeability transition pore channel. Advances in Redox Research, 10, Elsevier, 2024, DOI:https://doi.org/10.1016/j.arres.2024.100096, 100096 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
23	**Dimitrov, S. I.**. Inequalities involving arithmetic functions. Lith. Math. J., Springer Nature, 2024, ISSN:ISSN : 0363-1672 (print), 1573-8825 (online), DOI:https://doi.org/10.1007/s10986-024-09655-x, JCR-IF (Web of Science):0.5 **Q3 (Web of Science)** Линк	1.000	100.00
24	**Dimitrov, S. I.**. Lower bounds on expressions dependent on functions φ(n), ψ(n) and σ(n), II. Notes on Number Theory and Discrete Mathematics, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.3.547-556, 547-556. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
25	**Dobrev D**, **Neycheva T**. Intuitive Approach to Active Digital Filter Design. Part IV: Principle of Active Biquads. XXXIII International Scientific Conference Electronics (ET), 33, IEEE, 2024, ISBN:979-8-3503-7644-9, DOI:10.1109/ET63133.2024.10721547, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
26	**Georgieva, I.**, Tchekalarova, J., Nenchovska, Z., Kortenska, L., **Tzoneva, R.**. Melatonin Supplementation Alleviates Impaired Spatial Memory by Influencing Aβ1-42 Metabolism via γ-Secretase in the icvAβ1-42 Rat Model with Pinealectomy. International Journal of Molecular Sciences, 25, 19, MDPI, 2024, ISSN:16616596, DOI:10.3390/ijms251910294, SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	40.00
27	**Hristova-Panusheva, K.**, **Xenodochidis, C.**, Georgieva, M., **Krasteva, N.**. Nanoparticle-Mediated Drug Delivery Systems for Precision Targeting in Oncology. Pharmaceuticals, 17, MDPI, 2024, ISSN:1424-8247, DOI:https://doi.org/10.3390/ph17060677, 677. SJR (Scopus):0.85, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
28	**Hristova-Panusheva, K.**, Keremidarska-Markova, M., **Krasteva, N.**. Differential Effect of Novel Plant Cystatins on the Adhesive Behaviour of Normal and Cancer Breast Cells. International Journal of Bioautomation, 28, 1, Prof. Marin Drinov Academic	1.000	66.67

	Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.1.000971, 59-67. SJR (Scopus):0.139 **Q4 (Scopus)** Линк		
29	**Jekova I**, Ménétré S, **Stoyanov T**, Didon JP, **Krasteva V**. Shock Advisory Neural Network for Continuous Detection of Ventricular Fibrillation, Organized Rhythm and Asystole during Cardiopulmonary Resuscitation. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.282, SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	60.00
30	**Kostadinova, A.**, **Benkova, D.**, **Staneva, G.**, **Hazarosova, R.**, Vitkova, V., **Yordanova, V.**, **Momchilova, A.**, Angelova, M. I., ElZorkany, H. E., El-Sayed, Kh., Elshoky, H. A.. Chitosan hybrid nanomaterials: A study on interaction with biomimetic membranes. International Journal of Biological Macromolecules, 276, Elsevier, 2024, ISSN:0141-8130, DOI:http://dx.doi.org/10.1016/j.ijbiomac.2024.133983, 133983. SJR (Scopus):1.245, JCR-IF (Web of Science):7.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	54.55
31	**Krasteva V**, **Jekova I**, **Stoyanov T**, Schmid R. In Search of an Optimal FIR filter for ECG Delineation. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.301, 1-4. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	75.00
32	**Krasteva V**, **Stoyanov T**, Schmid R, **Jekova I**. Delineation of 12-Lead ECG Representative Beats Using Convolutional Encoder–Decoders with Residual and Recurrent Connections. Sensors, 24, 14, MDPI, 2024, ISSN:1424-8220, DOI:10.3390/s24144645, 4645-pp. 1-30. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
33	**Krasteva V**, Iliev I, Tabakov S. Application of Convolutional Neural Network for Decoding of 12-Lead Electrocardiogram from a Frequency-Modulated Audio Stream (Sonified ECG). Sensors, 24, 6, MDPI, 2024, ISSN:1424-8220, DOI:10.3390/s24061883, 1883-pp.1-28. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
34	**Krasteva, N.**, Shkodrova, M., Keremidarska-Markova, M., Doncheva-Stoimenova, D., **Hristova-Panusheva, K.**, Mishonova, M., Chichova, M.. Effect of Graphene Oxide and Ammonia-modified Graphene Oxide Particles on ATPase Activity of Rat Liver Mitochondria. International Journal of Bioautomation, 28, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.1.000957, 45-58. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	28.57
35	**Krumova, S.**, **Stoichev, S.**, Ilkov, D., Strijkova, V., Katrova, V., Crespo, A., Álvarez, J., Martínez, E., Martínez-Ramírez, S., Tsonev, T., Petrov, P., **Velikova, V.**. Pea Seed Priming with Pluronic P85-Grafted Single-Walled Carbon Nanotubes Affects Photosynthetic Gas Exchange but Not Photosynthetic Light Reactions. International Journal o f Molecular Sciences, 25, MDPI, 2024, 7901. JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
36	**Marazov, A.**, Shannon, A.. Improved Speed of InterCriteria Analysis. International Journal Bioautomation, 28, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.2.001002, 107-111. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00
37	**Neycheva T**, **Dobrev D**. Intuitive Approach to Active Digital Filter Design. Part III: Principle of Higher-order High-pass Filters. XXXIII International Scientific Conference Electronics (ET), 33, IEEE, 2024, ISBN:979-8-3503-7644-9, DOI:10.1109/ET63133.2024.10721502, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (IEEE Xplore)** Линк	1.000	100.00
38	**Petrov, M**. Multi-objective parameter estimation on cultivation of yeast Kluyveromyces marxianus var. lactis MC5. Biotechnology & Biotechnological Equipment, Article №2300449, 38, 1, Taylor & Francis Group, 2024, ISSN:1310-2818, DOI:10.1080/13102818.2023.2300449, 1-9. SJR (Scopus):0.332, JCR-IF (Web of Science):1.5 **Q3 (Scopus)** Линк	1.000	100.00
39	**Popova A. V.**, **Stefanov M.**, **Borisova P.**, Mihailova G., Georgieva K.. Response of Tomato Plants, Ailsa Craig and Carotenoid Mutant tangerine, to Simultaneous Treatment by Low Light and Low Temperature. Plants, 13, 1929, MDPI, 2024, DOI:https://doi.org/10.3390/ plants13141929, JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	60.00
40	**Raikova, R.**, **Angelova, S.**, Delchev, S., Ivanov, I., Raykov, P.. A set of anatomical databases for developing biomechanical models of the lower human limb. Series on Biomechanics, 38, 3, Институт по механика, 2024, ISSN:1313-2458, DOI:10.7546/SB.01.03.2024, 3-14. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	40.00
41	**Rashkov G.D.**, **Stefanov M.A.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Exploring Nitric Oxide as a Regulator in Salt Tolerance: Insights into Photosynthetic Efficiency in Maize. Plants, 13, 10, MDPI, 2024, DOI:https://doi.org/10.3390/plants13101312, 1312. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
42	**Rashkov G.D.**, **Stefanov M.A.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Impact of Sodium Nitroprusside on the Photosynthetic Performance of Maize and Sorghum. Plants, 13, 1, MDPI (Switzerland), 2024, ISSN:2223-7747, DOI:https://doi.org/10.3390/plants13010118, 118. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
43	**Ribagin, S.**, Sotirtov, S., Sotirova, E.. Intuitionistic Fuzzy Generalized Net Model of Humanoid Robot's Therapeutic Interaction as a Physiotherapy Assistant. Lecture Notes in Networks and Systems, 1088, Springer International Publishing AG, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_67, 601-608. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	33.33

44	**Roeva O.**, Zoteva D.. Model Identification of E. coli Cultivation Process Applying Hybrid Crow Search Algorithm. Fermentation, 10, 12, MDPI, 2024, ISSN:2311-5637, DOI:https://doi.org/ 10.3390/fermentation10010012, 1-23. JCR-IF (Web of Science):3.7 **Q2 (Web of Science)** Линк	1.000	50.00
45	**Roeva, O.**, Roeva, G., Chorukova, E.. Crow Search Algorithm for Modelling an Anaerobic Digestion Process: Algorithm Parameter Influence. Mathematics, 12, 15, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12152317, 1-20. SJR (Scopus):0.475, JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
46	**Roeva, O.**, Slavov, T., Kralev, J.. PID Controller Design for an E. coli Fed-Batch Fermentation Process System Using Chaotic Electromagnetic Field Optimization. Processes, 12, 9, MDPI, 2024, ISSN:2227-9717, DOI:https://doi.org/10.3390/pr12091795, 1-20. SJR (Scopus):0.525, JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	33.33
47	**Roeva, O.**, Zoteva, D., Roeva, G., Ignatova, M., Lyubenova, V. An Effective Hybrid Metaheuristic Approach Based on the Genetic Algorithm. Mathematics, 12, 23, MDPI, 2024, ISSN:2227-7390, DOI:10.3390/math12233815, 3815. SJR (Scopus):0.475, JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
48	**Roeva, O.**, Zoteva, D.. A Comparison of Chaotic Electromagnetic Field Optimization Algorithms. International Journal Bioautomation, 28, 4, 2024, ISSN:1314-2321, DOI:10.7546/ijba.2024.28.4.000970, 245-265. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00
49	**Stefanov M.A.**, **Rashkov G.D.**, **Borisova P.B.**, **Apostolova E.L.**.. Changes in Photosystem II Complex and Physiological Activities in Pea and Maize Plants in Response to Salt Stress. Plants, 13, 1025, MDPI (Switzerland), 2024, DOI:https://doi.org/10.3390/ plants13071025, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
50	**Stoyanov T**, **Dotsinsky I**, Mihov G. Power-line Interference Elimination from ECG Signals Using Notch Filtration: A Quasi-real Time Version. International Journal Bioautomation, 28, 3, 2024, ISSN:1314-1902, DOI:10.7546/ijba.2024.28.3.001003, 161-170. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	66.67
51	**Stoyanov T**, **Krasteva V**, Naydenov S, Schmid R, **Jekova I**. Deep Transfer Learning for Detection of Atrial Fibrillation Using Holter ECG Color Maps. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.283, 1-4. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	60.00
52	**Stratiev, D.**, Shishkova, I., Angelova, N., **Stratiev, D. D.**, **Atanassov, K.**. Generalized Net Model of the Processes in a Petroleum Refinery—Part I: Theoretical Study. Mathematics, 12, 19, MDPI, 2024, ISSN:2227-7390, DOI:10.3390/math12193017, 3017. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	60.00
53	**Stratiev, D.**, Shishkova, I., Argirov, G., Dinkov, R., Ivanov, M., Sotirov, S., Sotirova, E., Bureva, V., Nenov, S., **Atanassov, K.**, Stratiev, D., Vasilev, S.. Roles of Catalysts and Feedstock in Optimizing the Performance of Heavy Fraction Conversion Processes: Fluid Catalytic Cracking and Ebullated Bed Vacuum Residue Hydrocracking. Catalyst, 14, 9, MDPI, 2024, DOI:10.3390/catal14090616, 616. JCR-IF (Web of Science):3.8 **Q2 (Web of Science)** Линк	1.000	16.67
54	**Stratiev, D.**, Shiskova, I, Toteva, V, Georgiev, G, Dinkov, R, Kolev, I, Petrov, I, Argirov, G, Bureva, V, **Ribagin, S**, **Atanassov, K**, Nenov, S, Sotirov, S, Nikolova, R, Veli, A. Experience in Processing Alternative Crude Oils to Replace Design Oil in the Refinery. RESOURCES, 13, 6, MDPI, 2024, ISSN:20799276, DOI:DOI10.3390/resources13060086, 86. JCR-IF (Web of Science):3.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
55	**Vassilev, P.**, **Atanassova, V.**. On a family of billiards-inspired operators over intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.1.92-100, 92-100 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
56	**Vassilev, P.**, **Atanassova, V.**. On a new expanding modal-like operator on intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.4.368-373, 368-373 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
57	**Vukova, T.**, **Apostolova, S.**, **Georgieva, I.**, **Tzoneva, R.**, Andonova, N.. Effect of mechanical stress and blood flow on the adhesion of white blood cells to the endothelium in terms of inflammatory processes.. Series on Biomechanics, 38, 4, 2024, ISSN:1313-2458, DOI:10.7546/SB.10.04.2024, 65-73. SJR (Scopus):0.206 **Q4 (Scopus)** Линк	1.000	80.00
58	**Xenodochidis, Ch.**, **Hristova-Panusheva, K.**, **Kamenska, T.**, Santhosh, P.B., Petrov, T., Stoychev, L., Genova, J., **Krasteva, N.**. Graphene Oxide Nanoparticles for Photothermal Treatment of Hepatocellular Carcinoma Using Low-Intensity Femtosecond Laser Irradiation. Molecules, 29, 23, MDPI, 2024, ISSN:14203049, DOI:https://doi.org/10.3390/molecules29235650, SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
59	**Белева, Е**. Пароксизмална нощна хемоглобинурия – диагноза, клинична картина и нови терапевтични възможности. Редки болести и лекарства сираци, 14, 3-4, Българска Асоциация за Промоция на Образование и Наука (БАПОН), 2024, DOI:doi.org/10.36865/2023.v14i3-4.189 **Национално академично издателство (Друга база (не влиза в К2))** Линк	1.000	100.00
60	**Белева, Е**. Терапевтична ефективност и безопасност на равулизумаб при лечение на пароксизмална нощна хемоглобинурия - систематичен обзор. Военна медицина, LXXV, 3/2023, Военно-медицинска академия, 2024, ISSN:1312-2746 **Национално академично издателство (Друга база (не влиза в К2))**	1.000	50.00

61	**Илза Пъжева**. Нобеловата награда по химия за 2024 година. Списание на БАН, CXXXVII, 6, 2024, 11-14 **Национално академично издателство**	1.000	100.00
62	Alexandrova-Watanabe, A., Abadjieva, E., **Giosheva, I.**, **Langari ,A.**, Tiankov, T., Gartchev, E., Komsa-Penkova, R., **Todinova, S.**. Assessment of Red Blood Cell Aggregation in Preeclampsia by Microfluidic Image Flow Analysis—Impact of Oxidative Stress on Disease Severity. International Journal of Molecular Sciences, 25, 7, MDPI, 2024, ISSN:16616596, DOI:10.3390/ijms25073732, 3732. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	37.50
63	Andonov, V., Poryazov, S., Saranova, E., **Atanassov, K. T.**. Intuitionistic Fuzzy Estimation of Uncertainty of a Composition Consisting of Sequential and Parallel Services. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_60, 542-549. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	25.00
64	Angelova, N., **Atanassov, K. T.**, **Atanassova, V.**. Research on intuitionistic fuzzy implications. Part 4. Notes on Intuitionistic Fuzzy Sets, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.30.1.1-8, 1-8 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	66.67
65	Antonov, A., Bonova, I., Zoteva, D., **Roeva, O.**. Application of Intuitionistic Fuzzy Logic to Identify Important Functional Performance Indicators in Case of Youth Hockey Players. Studies in Computational Intelligence, 1158, Springer, 2024, ISBN:978-303157319-4, DOI:10.1007/978-3-031-57320-0_1, 1-17. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	25.00
66	Antov GG, Georgieva MS, Boycheva II, **Todinova SJ**, **Danailova AK**, Nikolova MT, **Krasteva NA**, Gospodinova ZI. Complex assessment of in vitro anti melanoma action of medicinal plant Cotinus coggygria Scop. Tropical Journal of Pharmaceutical Research, 23, 5, 2024, ISSN:1596-5996, DOI:http://dx.doi.org/10.4314/tjpr.v23i5.3, 815-824. SJR (Scopus):0.18, JCR-IF (Web of Science):0.6 **Q3 (Scopus)** Линк	1.000	37.50
67	Antov, G., Gospodinova Z., Novakovic M., Tesevic, V., **Krasteva, N.**, Pavlov, D., Valcheva-Kuzmanova, S.. Molecular mechanisms of the anticancer action of fustin isolated from Cotinus coggygria Scop. in MDA-MB-231 triple-negative breast cancer cell line. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 2024, SJR (Scopus):0.364 **Q3 (Scopus)** Линк	1.000	14.29
68	Arabadjiev, B., Vassileva, I., Nikolaev, G., **Momchilova, A.**, Pankov, R.. Aging, partial reprogramming and bioelectric fields: unveiling the path to cellular rejuvenation. Biotechnology and Biotechnological Equipment, 38, 1, 2024, ISSN:13102818, DOI:10.1080/13102818.2024.2358999, 2358999. SJR (Scopus):0.332, JCR-IF (Web of Science):1.5 **Q3 (Scopus)** Линк	1.000	20.00
69	Bureva, V., **Atanassov, K. T.**, Genov, M., Sotirov, S.. Index Matrix Representation of Data Storage Structures Using Intuitionistic Fuzzy Logic. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_51, 459-466. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	25.00
70	Bureva, V., Krawczak, M., **Pencheva, T.**. InterCriteria Analysis as an Intelligent Tool for Decision Making: Investigation of Polish University Rankings. Notes on Intuitionistic Fuzzy Sets, 30, 4, 2024, DOI:DOI: 10.7546/nifs.2024.30.2.180-189, 180-189 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**	1.000	33.33
71	Chorukova E., **Roeva, O.**. Mathematical Modeling and Static Characteristics of the Anaerobic Digestion of Organic Wastes with Production of Hydrogen and Methane. Studies in Computational Intelligence, 1158, Springer, 2024, ISBN:978-303157319-4, DOI:10.1007/978-3-031-57320-0_3, 30-51. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	50.00
72	Didon JP, **Jekova I**, Frattini B, Ménétré S, Derkenne C, Tuan Ha VH, Jost D, **Krasteva V**. Clinical performance of AED shock advisory system with integrated Analyze Whilst Compressing algorithm for analysis of the ECG rhythm during out-of-hospital cardiopulmonary resuscitation: A secondary analysis of the DEFI 2022 study. Resuscitation Plus, 19, Elsevier, 2024, ISSN:2666-5204, DOI:10.1016/j.resplu.2024.100740, 100740-pp. 1-10. JCR-IF (Web of Science):2.1 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
73	Dinkov, R., **Stratiev, D.**, Andreev, I, Georgiev, G., Angelova, M., Dimitrova, R. Z., Toteva, V.. Relation of the Content of Sustainable Components (HEFAs) in Blends with Hydrotreated Straight-Run Kerosene to the Properties of Aviation Fuel. Processes, 12, 6, MDPI, 2024, ISSN:2227-9717, 1045. JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	14.29
74	Djilianov, D., Moyankova, D., Mladenov, P., Topouzova, T., **Kostadinova, A.**, **Staneva, G.**, Berkov, S., Simova, L.. Resurrection Plants—A Valuable Source of Natural Bioactive Compounds: From Word-of-Mouth to Scientifically Proven Sustainable Use. Metabolites, 14, 2, MDPI, 2024, ISSN:2218-1989, DOI:10.3390/metabo14020113, 113. JCR-IF (Web of Science):3.4 **Q2 (Scopus)** Линк	1.000	25.00
75	Fidanova S., **Atanassov, K. T.**. Ant Algorithm with Local Search Procedure for Multiple Knapsack Problem. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 13952, Springer, 2024, ISSN:03029743, DOI:10.1007/978-3-031-56208-2_24, 246-252. SJR (Scopus):0.606 **Q2 (Scopus)** Линк	1.000	50.00
76	Gateva, P., Hristov, M., Ivanova, N., Vasileva, D., Ivanova, A., Sabit, Z., Bogdanov, T., **Apostolova, S.**, **Tzoneva, R.**. Antinociceptive Behavior, Glutamine/Glutamate, and Neopterin in Early-Stage Streptozotocin-Induced Diabetic Neuropathy in Liraglutide-Treated Mice under a Standard or Enriched Environment. International Journal of Molecular Sciences, 25, 19, MDPI,	1.000	22.22

	2024, ISSN:16616596, DOI:10.3390/ijms251910786, 10786. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк		
77	Gospodinova, Z., Antov, G., **Stoichev, S.**, Zhiponova, M.. In Vitro Anticancer Effects of Aqueous Leaf Extract from Nepeta nuda L. ssp. nuda. Life, 14, 12, MDPI, 2024, ISSN:20751729, DOI:10.3390/life14121539, SJR (Scopus):0.713 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
78	Hristov M., Sabit Z., Kirilov T., **Tzoneva R.**, **Apostolova S.**, **Georgieva I.**, Andreeva-Gateva P.. Riboflavin Increases Serum Glutamine Levels in Rats with Streptozotocin-induced Diabetes. Proceedings of the Bulgarian Academy of Sciences, 77, 2, 2024, ISSN:2367-5535, DOI:10.7546/CRABS.2024.02.12, SJR (Scopus):0.182 **Q3 (Scopus)** Линк	1.000	42.86
79	Hristov, M., Sabit, Z., Kirilov, T., Bakalov, D., **Tzoneva, R.**, **Apostolova, S.**, **Georgieva, I.**, Andreeva-Gateva, P.. Effects of riboflavin on hyperalgesia and serum glutamine-to-glutamate ratio in rats with painful diabetic neuropathy. Pharmacia, 71, Pensoft, 2024, ISSN:2603-557X, DOI:10.3897/PHARMACIA.71.E120921, 1-7. SJR (Scopus):0.244 **Q2 (Scopus)** Линк	1.000	37.50
80	Hüner N.P.A., **Ivanov A.G.**, Szyszka-Mroz B., Savitch L.V., Smith D.R., Kata V.. Photostasis and photosynthetic adaptation to polar life.. Photosynth. Res., 161, (1-2), Springer Nat., 2024, ISSN:0166-8595, DOI:10.1007/s11120-024-01104-7, 51-64. JCR-IF (Web of Science):2.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
81	Ignatova V., **Todorova L.**, Haralanov L.., **Vassilev P.**. Early Clinical Predictors of Long-term Disability Progression in Patients with Multiple Sclerosis. Indian Journal of Medical Specialities, 15, 1, WOLTERS KLUWER MEDKNOW PUBLICATIONS, 2024, ISSN:0976-2884, DOI:10.4103/injms.injms_82_23, 48-52. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	50.00
82	Iliev, I.,, **Tsoneva, I.,**, **Nesheva, A.,**, **Staneva, G.,**, Robev, B.,, **Momchilova, A.,**, **Nikolova, B**. Complementary treatment of breast cancer cells with different metastatic potential with Iscador Qu in the presence of clinically approved anticancer drugs. Current Issues in Molecular Biology, 46, 11, MDPI, 2024, DOI:doi.org/10.3390/cimb46110740, 12457-12480. JCR-IF (Web of Science):2.8 **Q2 (Scopus)** Линк	1.000	71.43
83	Ilieva, I.N., Sainova, I.V., Toshkova, R.A., Georgieva, A.K., Nanev, V.N., **Tzoneva, R.D**. The therapeutic effect of antitumor drugs erufosine and doxorubicin on the metastatic process in the testes of hamsters with Graffi myeloid tumor. Morphometric and histological studies. Clinical oncohematology. Basic Reserach and clinical practice, 17, 1, Practical Medicine Publishing House, 2024, ISSN:1997-6933, SJR (Scopus):0.12 **Q4 (Scopus)** Линк	1.000	16.67
84	Ilkova T., **Petrov M.**. Neuro-Dynamic Programming to Optimal Control of a Biotechnological Process. Int. J. Bioautomation, 28, 4, Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, 2024, ISSN:1314-2321 (онлайн) 1314-1902 (печатно издание), DOI:10.7546/ijba.2024.28.4.001036, 205-220. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00
85	Ilkova, T., **Petrov, M**. Dynamic Programming, Neuro-Dynamic Programming, Rollout method and Model Predictive Control to Optimal Control of a Fermentation Process. Contemporary Mathematics, 5, 3, Universal Wiser Publisher, 2024, ISSN:2705-1064 (Print) 2705-1056 (Online), DOI:https://doi.org/10.37256/cm.5320243113, 3790-3803. SJR (Scopus):0.16, JCR-IF (Web of Science):0.6 **Q3 (Web of Science)** Линк	1.000	50.00
86	Kanev P.B., Varhoshkova S., **Georgieva I.**, Lukarska M., Kirova D., Danovski G., Stoynov S., Aleksandrov R.. A unified mechanism for PARP inhibitor-induced PARP1 chromatin retention at DNA damage sites in living cells. Cell Reports, 43, 5, Cell Press, 2024, ISSN:2211-1247, DOI:10.1016/j.celrep.2024.114234, JCR-IF (Web of Science):8.8 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
87	Keremidarska-Markova, M., Sazdova, I., Ilieva, B., Mishonova, M., Shkodrova, M., **Hristova-Panusheva, K.**, **Krasteva, N.**, Chichova, M.. Comprehensive Assessment of Graphene Oxide Nanoparticles: Effects on Liver Enzymes and Cardiovascular System in Animal Models and on Skeletal Muscle Cells. Nanomaterials, 14, 2, MDPI, 2024, DOI:10.3390/nano14020188, 188. JCR-IF (Web of Science):4.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
88	Komsa-Penkova, R., Dimitrov, B., **Todinova, S.**, Ivanova, V., Stoycheva, S., Temnishki, P., Georgieva, G., Tonchev, P., Iliev, M., Altankov, G.. Early Stages of Ex Vivo Collagen Glycation Disrupt the Cellular Interaction and Its Remodeling by Mesenchymal Stem Cells—Morphological and Biochemical Evidence. International Journal of Molecular Sciences, 25, 11, MDPI, 2024, DOI:https://doi.org/10.3390/ijms25115795, 5795. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	10.00
89	Krumova, E., **Benkova, D.**, Stoyancheva, G., Dishliyska, V., Miteva-Staleva, J., **Kostadinova, A.**, Ivanov, K., El-Sayed, Kh., **Staneva, G.**, Elshoky, H. A.. Exploring the mechanism underlying the antifungal activity of chitosan-based ZnO, CuO, and SiO2 nanocomposites as nanopesticides against Fusarium solani and Alternaria solani. International Journal of Biological Macromolecules, 268, Elsevier, 2024, ISSN:0141-8130, DOI:https://doi.org/10.1016/j.ijbiomac.2024.131702, 131702. SJR (Scopus):1.245, JCR-IF (Web of Science):7.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	30.00
90	Lorite, NP., **Apostolova, S.**, Guasch-Vallés, M., Pryer, A., Unzueta, F., Freire, R., Solé-Soler, R., Pedraza, N., Dolcet, X., Garí, E., Agell, N., Taylor, E. M., Colomina, N., Torres-Rosell, J.. Crucial role of the NSE1 RING domain in Smc5/6 stability and FANCM-independent fork progression. Cellular and Molecular Life Sciences, 81, 1, Springer Nature, 2024, ISSN:1420682X, DOI:10.1007/s00018-024-05275-3, 251. SJR (Scopus):2.274, JCR-IF (Web of Science):6.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	7.14

91	Lyubenova, V., Ignatova, M., Kristeva, D., **Roeva, O.**. Multistep Modelling and Monitoring of Bioprocesses. International Journal Bioautomation, 28, 4, 2024, ISSN:1314-2321, DOI:10.7546/ijba.2024.28.4.001033, 185-196. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	25.00
92	Lyubenova, V., Ignatova, M., Zoteva, D., **Roeva, O.**. Model-Based Adaptive Control of Bioreactors—A Brief Review. Mathematics, 12, 14, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12142205, 1-20. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
93	Moustakas M., **Dobrikova A.**, Sperdouli I., Hanc A., Moustaka J., Adamakis I.-D.S., **Apostolova E.**. Photosystem II Tolerance to Excess Zinc Exposure and High Light Stress in Salvia sclarea L.. Agronomy, 14, 3, MDPI, 2024, DOI:doi.10.3390/agronomy14030589, 589. JCR-IF (Web of Science):3.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	28.57
94	Ossowicz-Rupniewska, P., Klebeko, J., **Georgieva, I.**, **Apostolova, S.**, Struk, Ł., **Todinova, S.**, **Tzoneva, R.**, Guncheva, M.. Tuning of the Anti-Breast Cancer Activity of Betulinic Acid via Its Conversion to Ionic Liquids. Pharmaceutics, 16, 4, MDPI, 2024, ISSN:1999-4923, DOI:10.3390/pharmaceutics16040496, 496. SJR (Scopus):0.892, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
95	Popatanasov, A., **Pajeva, I.**, Tancheva, L., Kalfin, R.. Biophysical modelling of the neurotensin receptors NTS2 in Rattus norvegicus and Mus musculus. INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SCIENTIFIC RESEARCH CONFERENCE, FULL TEXTS BOOK (EDITOR Assoc. Prof. Hristina Runcheva Tasev), 2024, ISBN:978-625-367-700-8, 44-50 **Друго** Линк	1.000	25.00
96	Raykov, P., Petrov, E., **Angelova, S.**, **Raikova, R.**. Human Upper Limb Orthosis. 2024 **Друго** Линк	1.000	50.00
97	Sándor, J., **Atanassov, K.**. Some new arithmetic functions. Notes on Number Theory and Discrete Mathematics, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.4.851-856, 851-856. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	50.00
98	Santhosh, P. B., **Hristova-Panusheva, K.**, Petrov, T., Stoychev, L., **Krasteva, N.**, Genova, J.. Femtosecond Laser-Induced Photothermal Effects of Ultrasmall Plasmonic Gold Nanoparticles on the Viability of Human Hepatocellular Carcinoma HepG2 Cells. Cells, 13, 24, MDPI, 2024, ISSN:20734409, DOI:10.3390/cells13242139, 2139. SJR (Scopus):1.547, JCR-IF (Web of Science):5.1 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
99	Sever, B., Saso, L., **Tzoneva, R.**, Onnis, V., Ciftci, H.. Multi-targeted tyrosine kinase inhibitors in the treatment of cancer and neurodegenerative disorders. Frontiers in Chemistry, 12, 1460347, 2024, JCR-IF (Web of Science):3.8 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
100	Shishkova, I., **Stratiev, D.**, Sotirov, S.. Petroleum Chemistry and Processing Investigated by the use of InterCriteria Analysis. Академично издателство "Проф. Марин Дринов", 2024, ISBN:978-619-245-487-6, 520 **С национално значение, утвърдени от НС на звеното и СИД към УС-БАН** Линк **МОНОГРАФИЯ**	1.000	33.33
101	Shiskova, I., **Stratiev, D.**, Sotirov, S., Sotirova, E., Dinkov, R., **Kolev, I.**, Stratiev, D., Nenov, S., **Ribagin, S.**, **Atanassov, K.**, Yordanov, D., van den Berg, F.. Predicting Petroleum SARA Composition from Density, Sulfur Content, Flash Point, and Simulated Distillation Data Using Regression and Artificial Neural Network Techniques. Processes, 12, 8, MDPI, 2024, ISSN:22279717, DOI:10.3390/pr12081755, SJR (Scopus):0.525, JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	33.33
102	Shiskova, I., **Stratiev, D.**, Tavlieva, M., Nedelchev, A., Dinkov, R., Kolev, I., van den Berg, F., **Ribagin, S.**, Sotirov, S., Nikolova, R., Veli, A., Georgiev, G., **Atanassov, K.**. Application of Intercriteria and Regression Analyses and Artificial Neural Network to Investigate the Relation of Crude Oil Assay Data to Oil Compatibility. Processes, 12, 4, MDPI, 2024, DOI:10.3390/pr12040780, 780. JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	23.08
103	Sotirova, E., Bureva, V., Sotirov, S., Bozov, H., **Ribagin, S.**. An Intuitionistic Fuzzy Approach for Blood Data Analysis. Lecture Notes in Networks and Systems, 1088, Springer International Publishing AG, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_65, 584-591. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	20.00
104	Szmidt, E., Kacprzyk, J., **Atanassova, V.**, Bujnowski, P.. Intuitionistic fuzzy sets in group decision making – A novel approach. Notes on Intuitionistic Fuzzy Sets, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.2.101-112, 101-112 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00
105	Vasileva, B., **Krasteva, N.**, **Hristova-Panusheva, K.**, Ivanov, P., Miloshev, G., Pavlov, A., Georgiev, V., Georgieva, M.. Exploring the Biosafety Potential of Haberlea rhodopensis Friv. In Vitro Culture Total Ethanol Extract: A Comprehensive Assessment of Genotoxicity, Mitotoxicity, and Cytotoxicity for Therapeutic Applications. Cells, MDPI, 2024, SJR (Scopus):1.547 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
106	Vitkova, V., **Hazarosova, R.**, Valkova, I., **Momchilova, A.**, **Staneva, G.**. Glycerophospholipid polyunsaturation modulates resveratrol action on biomimetic membranes. Colloids and Surfaces B: Biointerfaces, 238, Article number 11392, Elsevier, 2024, ISSN:09277765, DOI:10.1016/j.colsurfb.2024.113922, SJR (Scopus):0.91, JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	60.00

107	Yancheva D., Argirova M., **Georgieva I.**, **Milanova V.**, Guncheva M., Rangelov M., Todorova N., **Tzoneva R.**. Antiproliferative and Pro-Apoptotic Activity and Tubulin Dynamics Modulation of 1H-Benzimidazol-2-yl Hydrazones in Human Breast Cancer Cell Line MDA-MB-231. Molecules, 29, 10, MDPI, 2024, ISSN:1420-3049, SJR (Scopus):0.704, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	37.50
108	Łochyński, D., Stępień, G., **Angelova, S.**, **Raikova, R.**, Grześkowiak, M.. Effects of hand dominance on myoelectric signal of non-fatigued lumbar multifidus muscle during single arm lifts. Acta Neurobiologiae Experimentalis, 84, 2, 2024, ISSN:00651400, DOI:10.55782/ane-2024-2584, 191-202. SJR (Scopus):0.353, JCR-IF (Web of Science):0.32 **Q3 (Scopus)** Линк	1.000	40.00
Коригиран брой: 108.000			

II. Е 1.1 а: Научни публикации в издания, индексирани в WoS, Scopus, ERIH+ (публикувани)

- **Звено: (ИББИ) Институт по биофизика и биомедицинско инженерство**
- **Тип на публикацията**:
  Глава от научна монография
  Студия в научно списание
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  Научно съобщение
- **Статус на изданието**:
  Q1 - оглавява ранглистата
  Q1, не оглавява ранглистата
  Q2
  Q3
  Q4
  SJR, непопадащ в Q категория
  Без JCR или SJR – индексиран в WoS или Scopus
  Индексирано в ERIH+
- **Година на публикуване**: 2024 ÷ 2024
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Andreeva T**, Rudt A, Fábián L, Ayaydin F, Iliev I, Jung O, Barbeck M, Dér A, Krastev R, **Taneva SG**. Control of Cell Adhesion and Growth on Polysaccharide-Based Multilayer Coatings by Incorporation of Graphene Oxide. Coatings, 14, 5, mdpi, 2024, DOI:10.3390/coatings14050570, 570. JCR-IF (Web of Science):2.9 **Q2 (Web of Science)** Линк	1.000	20.00
2	**Andreeva T**, Walker O, Rudt A, Jung O, Barbeck M, Gülcher M, Krastev R. Composite polymer/wax coatings as a corrosion barrier of bioresorbable magnesium coronary stents. Heliyon, 10, 13, Elsevier, 2024, DOI:10.1016/j.heliyon.2024.e34025, e34025. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
3	**Angelova, M.**, **Angelova, S.**, **Raikova, R.**. How to Optimize the Experimental Protocol for Surface EMG Signal Measurements Using the InterCriteria Decision-Making Approach. Applied science, MDPI, 2024, JCR-IF (Web of Science):2.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00

4	**Angelova, M.**, **Pencheva, T.**. Influence of Genetic Algorithm Parameters on Their Performance for Parameter Identification of a Yeast Fed-batch Fermentation Process Model. International Journal Bioautomation, 28, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.4.001038, 233-244. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	100.00
5	**Angelova, M.**, **Raikova, R.**, **Angelova, S.**. Comparison Between InterCriteria and Correlation Analyses over sEMG Data from Arm Movements in the Horizontal Plane. Applied Science, 14, 21, MDPI, 2024, ISSN:2076-3417, DOI:10.3390/app14219864, 9864. JCR-IF (Web of Science):2.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
6	**Angelova, S.**, **Angelova, M.**, **Raikova, R.**. Estimating Surface EMG Activity of Human Upper Arm Muscles Using InterCriteria Analysis. Math. Comput. Appl., MDPI, 2024, JCR-IF (Web of Science):1.9 **Q2 (Web of Science)** Линк	1.000	100.00
7	**Angelova, S.**, **Raikova, R.**, Markova, N.. Electromyographic activities of muscles in the shoulder and elbow joints during elbow flexion-extensions with different velocities in the sagittal and horizontal planes. Biomedical Human Kinetics, Sciendo, 2024, DOI:https://doi.org/10.2478/bhk-2024-0028, JCR-IF (Web of Science):0.8 **Q3 (Scopus)** Линк	1.000	66.67
8	**Apostolova, E.L.**. Molecular mechanisms associated with plant tolerance upon abiotic stress.. Plants, 13, 3532, MDPI, 2024, DOI:doi.org/10.3390/plants13243532, 1-5. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
9	**Atanassov, K. T.**. New Results on Extended Intuitionistic Fuzzy Index Matrices. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_5, 26-33. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	100.00
10	**Atanassov, K. T.**. On tertions and dual numbers. Notes on Number Theory and Discrete Mathematics, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.2.443-452, 443-452. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
11	**Atanassov, K. T.**. On the set of Set(n)'s. Notes on Number Theory and Discrete Mathematics, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.3.590-594, 590-594. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
12	**Atanassov, K. T.**. Two arithmetic functions related to Euler's and Dedekind's functions. Notes on Number Theory and Discrete Mathematics, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.1.179-183, 179-183. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
13	**Atanassov, K.**, Kacprzyk, J., Angelova, N.. Intuitionistic Fuzzy Interpretation of Quantum Logic Axioms. JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, 43, Old City Publishing, Inc., 2024, ISSN:1542-3980, 343-354. JCR-IF (Web of Science):0.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
14	**Atanassov, K.**, Kacprzyk, J.. Bipolar Fuzzy Sets Are Intuitionistic Fuzzy Sets. Comptes rendus de l'Académie bulgare des Sciences, 77, 12, „Prof. Marin Drinov" Publishing House of Bulgarian Academy of Sciences, 2024, ISSN:1310–1331, DOI:10.7546/CRABS.2024.12.02, 1752-1756. JCR-IF (Web of Science):0.3 **Q3 (Scopus)** Линк	1.000	50.00
15	**Atanassov, K.**. A general approach to modal topological structures illustrated by intuitionistic fuzzy objects. Notes on Intuitionistic Fuzzy Sets, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.3.260-284, 260-284 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
16	**Atanassov, K.**. Intuitionistic Fuzzy Modal Multi-Topological Structures and Intuitionistic Fuzzy Multi-Modal Multi-Topological Structures. Mathematics, 12, 3, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12030361, 361. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
17	**Atanassov, K.**. Intuitionistic fuzzy temporal operators and temporal topological structures. Notes on Intuitionistic Fuzzy Sets, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.4.285-296, 285-296 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
18	**Atanassov, K.**. New results on the InterCriteria Analysis. Notes on Intuitionistic Fuzzy Sets, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.2.156-164, 156-164 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
19	**Atanassov, K.**. Remark on Intuitionistic Fuzzy Temporal Modal Topological Structures. Axioms, 13, 4, MDPI, 2024, ISSN:2075-1680, DOI:10.3390/axioms13040256, 256. JCR-IF (Web of Science):1.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
20	**Beleva, E**. Epidemiological estimates of paroxysmal nocturnal hemoglobinuria in Bulgaria. Intractable & Rare Diseases Research, 13, 3, International Advancement Center for Medicine & Health Research Co., Ltd. (IACMHR Co., Ltd.), 2024, ISSN:2186-361X, DOI:doi:10.5582/irdr.2024.01016, 190-194. JCR-IF (Web of Science):1.1 **Q3 (Web of Science)** Линк	1.000	100.00
21	**Benkova, D.**, Dishliyska, V., Staleva, J. M., **Kostadinova, A.**, **Staneva, G.**, El-Sayed, Kh., Elshoky, H.A., Krumova, E.. CS and ZnO Nanoparticles as Fungicides Against Fungal Pathogens Alternaria solani and Fusarium solani. Mechanism Underlining Their Antifungal Activity. Comptes rendus de lAcademie bulgare des Sciences, 77, 7, Marin Drinov, BAS, 2024, ISSN:1310–	1.000	37.50

	1331, DOI:http://dx.doi.org/10.7546/CRABS.2024.07.05, 986-996. SJR (Scopus):0.16, JCR-IF (Web of Science):0.3 **Q3 (Scopus)** Линк		
22	**Dimitrov, A. G.**. A hypothetical mechanism capable to reflect the features of the mitochondrial permeability transition pore channel. Advances in Redox Research, 10, Elsevier, 2024, DOI:https://doi.org/10.1016/j.arres.2024.100096, 100096 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
23	**Dimitrov, S. I.**. Inequalities involving arithmetic functions. Lith. Math. J., Springer Nature, 2024, ISSN:ISSN : 0363-1672 (print), 1573-8825 (online), DOI:https://doi.org/10.1007/s10986-024-09655-x, JCR-IF (Web of Science):0.5 **Q3 (Web of Science)** Линк	1.000	100.00
24	**Dimitrov, S. I.**. Lower bounds on expressions dependent on functions φ(n), ψ(n) and σ(n), II. Notes on Number Theory and Discrete Mathematics, 30, 3, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.3.547-556, 547-556. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	100.00
25	**Dobrev D**, **Neycheva T**. Intuitive Approach to Active Digital Filter Design. Part IV: Principle of Active Biquads. XXXIII International Scientific Conference Electronics (ET), 33, IEEE, 2024, ISBN:979-8-3503-7644-9, DOI:10.1109/ET63133.2024.10721547, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
26	**Georgieva, I.**, Tchekalarova, J., Nenchovska, Z., Kortenska, L., **Tzoneva, R.**. Melatonin Supplementation Alleviates Impaired Spatial Memory by Influencing Aβ1-42 Metabolism via γ-Secretase in the icvAβ1-42 Rat Model with Pinealectomy. International Journal of Molecular Sciences, 25, 19, MDPI, 2024, ISSN:16616596, DOI:10.3390/ijms251910294, SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	40.00
27	**Hristova-Panusheva, K.**, **Xenodochidis, C.**, Georgieva, M., **Krasteva, N.**. Nanoparticle-Mediated Drug Delivery Systems for Precision Targeting in Oncology. Pharmaceuticals, 17, MDPI, 2024, ISSN:1424-8247, DOI:https://doi.org/10.3390/ph17060677, 677. SJR (Scopus):0.85, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
28	**Hristova-Panusheva, K.**, Keremidarska-Markova, M., **Krasteva, N.**. Differential Effect of Novel Plant Cystatins on the Adhesive Behaviour of Normal and Cancer Breast Cells. International Journal of Bioautomation, 28, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.1.000971, 59-67. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	66.67
29	**Jekova I**, Ménétré S, **Stoyanov T**, Didon JP, **Krasteva V**. Shock Advisory Neural Network for Continuous Detection of Ventricular Fibrillation, Organized Rhythm and Asystole during Cardiopulmonary Resuscitation. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.282, SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	60.00
30	**Kostadinova, A.**, **Benkova, D.**, **Staneva, G.**, **Hazarosova, R.**, Vitkova, V., **Yordanova, V.**, **Momchilova, A.**, Angelova, M. I., ElZorkany, H. E., El-Sayed, Kh., Elshoky, H. A.. Chitosan hybrid nanomaterials: A study on interaction with biomimetic membranes. International Journal of Biological Macromolecules, 276, Elsevier, 2024, ISSN:0141-8130, DOI:http://dx.doi.org/10.1016/j.ijbiomac.2024.133983, 133983. SJR (Scopus):1.245, JCR-IF (Web of Science):7.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	54.55
31	**Krasteva V**, **Jekova I**, **Stoyanov T**, Schmid R. In Search of an Optimal FIR filter for ECG Delineation. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.301, 1-4. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	75.00
32	**Krasteva V**, **Stoyanov T**, Schmid R, **Jekova I**. Delineation of 12-Lead ECG Representative Beats Using Convolutional Encoder–Decoders with Residual and Recurrent Connections. Sensors, 24, 14, MDPI, 2024, ISSN:1424-8220, DOI:10.3390/s24144645, 4645-pp. 1-30. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
33	**Krasteva V**, Iliev I, Tabakov S. Application of Convolutional Neural Network for Decoding of 12-Lead Electrocardiogram from a Frequency-Modulated Audio Stream (Sonified ECG). Sensors, 24, 6, MDPI, 2024, ISSN:1424-8220, DOI:10.3390/s24061883, 1883-pp.1-28. JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
34	**Krasteva, N.**, Shkodrova, M., Keremidarska-Markova, M., Doncheva-Stoimenova, D., **Hristova-Panusheva, K.**, Mishonova, M., Chichova, M.. Effect of Graphene Oxide and Ammonia-modified Graphene Oxide Particles on ATPase Activity of Rat Liver Mitochondria. International Journal of Bioautomation, 28, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.1.000957, 45-58. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	28.57
35	**Krumova, S.**, **Stoichev, S.**, Ilkov, D., Strijkova, V., Katrova, V., Crespo, A., Álvarez, J., Martínez, E., Martínez-Ramírez, S., Tsonev, T., Petrov, P., **Velikova, V.**. Pea Seed Priming with Pluronic P85-Grafted Single-Walled Carbon Nanotubes Affects Photosynthetic Gas Exchange but Not Photosynthetic Light Reactions. International Journal o f Molecular Sciences, 25, MDPI, 2024, 7901. JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
36	**Marazov, A.**, Shannon, A.. Improved Speed of InterCriteria Analysis. International Journal Bioautomation, 28, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:13141902, DOI:10.7546/ijba.2024.28.2.001002, 107-111. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00

37	**Neycheva T**, **Dobrev D**. Intuitive Approach to Active Digital Filter Design. Part III: Principle of Higher-order High-pass Filters. XXXIII International Scientific Conference Electronics (ET), 33, IEEE, 2024, ISBN:979-8-3503-7644-9, DOI:10.1109/ET63133.2024.10721502, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (IEEE Xplore)** Линк	1.000	100.00
38	**Petrov, M**. Multi-objective parameter estimation on cultivation of yeast Kluyveromyces marxianus var. lactis MC5. Biotechnology & Biotechnological Equipment, Article №2300449, 38, 1, Taylor & Francis Group, 2024, ISSN:1310-2818, DOI:10.1080/13102818.2023.2300449, 1-9. SJR (Scopus):0.332, JCR-IF (Web of Science):1.5 **Q3 (Scopus)** Линк	1.000	100.00
39	**Popova A. V.**, **Stefanov M.**, **Borisova P.**, Mihailova G., Georgieva K.. Response of Tomato Plants, Ailsa Craig and Carotenoid Mutant tangerine, to Simultaneous Treatment by Low Light and Low Temperature. Plants, 13, 1929, MDPI, 2024, DOI:https://doi.org/10.3390/ plants13141929, JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	60.00
40	**Raikova, R.**, **Angelova, S.**, Delchev, S., Ivanov, I., Raykov, P.. A set of anatomical databases for developing biomechanical models of the lower human limb. Series on Biomechanics, 38, 3, Институт по механика, 2024, ISSN:1313-2458, DOI:10.7546/SB.01.03.2024, 3-14. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	40.00
41	**Rashkov G.D.**, **Stefanov M.A.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Exploring Nitric Oxide as a Regulator in Salt Tolerance: Insights into Photosynthetic Efficiency in Maize. Plants, 13, 10, MDPI, 2024, DOI:https://doi.org/10.3390/plants13101312, 1312. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
42	**Rashkov G.D.**, **Stefanov M.A.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Impact of Sodium Nitroprusside on the Photosynthetic Performance of Maize and Sorghum. Plants, 13, 1, MDPI (Switzerland), 2024, ISSN:2223-7747, DOI:https://doi.org/10.3390/plants13010118, 118. JCR-IF (Web of Science):4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
43	**Ribagin, S.**, Sotirtov, S., Sotirova, E.. Intuitionistic Fuzzy Generalized Net Model of Humanoid Robot's Therapeutic Interaction as a Physiotherapy Assistant. Lecture Notes in Networks and Systems, 1088, Springer International Publishing AG, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_67, 601-608. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	33.33
44	**Roeva O.**, Zoteva D.. Model Identification of E. coli Cultivation Process Applying Hybrid Crow Search Algorithm. Fermentation, 10, 12, MDPI, 2024, ISSN:2311-5637, DOI:https://doi.org/ 10.3390/fermentation10010012, 1-23. JCR-IF (Web of Science):3.7 **Q2 (Web of Science)** Линк	1.000	50.00
45	**Roeva, O.**, Roeva, G., Chorukova, E.. Crow Search Algorithm for Modelling an Anaerobic Digestion Process: Algorithm Parameter Influence. Mathematics, 12, 15, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12152317, 1-20. SJR (Scopus):0.475, JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
46	**Roeva, O.**, Slavov, T., Kralev, J.. PID Controller Design for an E. coli Fed-Batch Fermentation Process System Using Chaotic Electromagnetic Field Optimization. Processes, 12, 9, MDPI, 2024, ISSN:2227-9717, DOI:https://doi.org/10.3390/pr12091795, 1-20. SJR (Scopus):0.525, JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	33.33
47	**Roeva, O.**, Zoteva, D., Roeva, G., Ignatova, M., Lyubenova, V. An Effective Hybrid Metaheuristic Approach Based on the Genetic Algorithm. Mathematics, 12, 23, MDPI, 2024, ISSN:2227-7390, DOI:10.3390/math12233815, 3815. SJR (Scopus):0.475, JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
48	**Roeva, O.**, Zoteva, D.. A Comparison of Chaotic Electromagnetic Field Optimization Algorithms. International Journal Bioautomation, 28, 4, 2024, ISSN:1314-2321, DOI:10.7546/ijba.2024.28.4.000970, 245-265. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00
49	**Stefanov M.A.**, **Rashkov G.D.**, **Borisova P.B.**, **Apostolova E.L.**. Changes in Photosystem II Complex and Physiological Activities in Pea and Maize Plants in Response to Salt Stress. Plants, 13, 1025, MDPI (Switzerland), 2024, DOI:https://doi.org/10.3390/ plants13071025, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
50	**Stoyanov T**, **Dotsinsky I**, Mihov G. Power-line Interference Elimination from ECG Signals Using Notch Filtration: A Quasi-real Time Version. International Journal Bioautomation, 28, 3, 2024, ISSN:1314-1902, DOI:10.7546/ijba.2024.28.3.001003, 161-170. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	66.67
51	**Stoyanov T**, **Krasteva V**, Naydenov S, Schmid R, **Jekova I**. Deep Transfer Learning for Detection of Atrial Fibrillation Using Holter ECG Color Maps. Computing in Cardiology, 51, IEEE, 2024, ISSN:2325-887X, DOI:10.22489/CinC.2024.283, 1-4. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	60.00
52	**Stratiev, D.**, Shishkova, I., Angelova, N., **Stratiev, D. D.**, **Atanassov, K.**. Generalized Net Model of the Processes in a Petroleum Refinery—Part I: Theoretical Study. Mathematics, 12, 19, MDPI, 2024, ISSN:2227-7390, DOI:10.3390/math12193017, 3017. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	60.00
53	**Stratiev, D.**, Shishkova, I., Argirov, G., Dinkov, R., Ivanov, M., Sotirov, S., Sotirova, E., Bureva, V., Nenov, S., **Atanassov, K.**, Stratiev, D., Vasilev, S.. Roles of Catalysts and Feedstock in Optimizing the Performance of Heavy Fraction Conversion Processes: Fluid Catalytic Cracking and Ebullated Bed Vacuum Residue Hydrocracking. Catalyst, 14, 9, MDPI, 2024, DOI:10.3390/catal14090616, 616. JCR-IF (Web of Science):3.8 **Q2 (Web of Science)** Линк	1.000	16.67

54	**Stratiev, D.**, Shiskova, I, Toteva, V, Georgiev, G, Dinkov, R, Kolev, I, Petrov, I, Argirov, G, Bureva, V, **Ribagin, S**, **Atanassov, K**, Nenov, S, Sotirov, S, Nikolova, R, Veli, A. Experience in Processing Alternative Crude Oils to Replace Design Oil in the Refinery. RESOURCES, 13, 6, MDPI, 2024, ISSN:20799276, DOI:DOI10.3390/resources13060086, 86. JCR-IF (Web of Science):3.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
55	**Vassilev, P.**, **Atanassova, V.**. On a family of billiards-inspired operators over intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.1.92-100, 92-100 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
56	**Vassilev, P.**, **Atanassova, V.**. On a new expanding modal-like operator on intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.4.368-373, 368-373 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
57	**Vukova, T.**, **Apostolova, S.**, **Georgieva, I.**, **Tzoneva, R.**, Andonova, N.. Effect of mechanical stress and blood flow on the adhesion of white blood cells to the endothelium in terms of inflammatory processes.. Series on Biomechanics, 38, 4, 2024, ISSN:1313-2458, DOI:10.7546/SB.10.04.2024, 65-73. SJR (Scopus):0.206 **Q4 (Scopus)** Линк	1.000	80.00
58	**Xenodochidis, Ch.**, **Hristova-Panusheva, K.**, **Kamenska, T.**, Santhosh, P.B., Petrov, T., Stoychev, L., Genova, J., **Krasteva, N.**. Graphene Oxide Nanoparticles for Photothermal Treatment of Hepatocellular Carcinoma Using Low-Intensity Femtosecond Laser Irradiation. Molecules, 29, 23, MDPI, 2024, ISSN:14203049, DOI:https://doi.org/10.3390/molecules29235650, SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
59	Alexandrova-Watanabe, A., Abadjieva, E., **Giosheva, I.**, **Langari ,A.**, Tiankov, T., Gartchev, E., Komsa-Penkova, R., **Todinova, S.**. Assessment of Red Blood Cell Aggregation in Preeclampsia by Microfluidic Image Flow Analysis—Impact of Oxidative Stress on Disease Severity. International Journal of Molecular Sciences, 25, 7, MDPI, 2024, ISSN:16616596, DOI:10.3390/ijms25073732, 3732. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	37.50
60	Andonov, V., Poryazov, S., Saranova, E., **Atanassov, K. T.**. Intuitionistic Fuzzy Estimation of Uncertainty of a Composition Consisting of Sequential and Parallel Services. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_60, 542-549. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	25.00
61	Angelova, N., **Atanassov, K. T.**, **Atanassova, V.**. Research on intuitionistic fuzzy implications. Part 4. Notes on Intuitionistic Fuzzy Sets, 30, 1, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.30.1.1-8, 1-8 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	66.67
62	Antonov, A., Bonova, I., Zoteva, D., **Roeva, O.**. Application of Intuitionistic Fuzzy Logic to Identify Important Functional Performance Indicators in Case of Youth Hockey Players. Studies in Computational Intelligence, 1158, Springer, 2024, ISBN:978-303157319-4, DOI:10.1007/978-3-031-57320-0_1, 1-17. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	25.00
63	Antov GG, Georgieva MS, Boycheva II, **Todinova SJ**, **Danailova AK**, Nikolova MT, **Krasteva NA**, Gospodinova ZI. Complex assessment of in vitro anti melanoma action of medicinal plant Cotinus coggygria Scop. Tropical Journal of Pharmaceutical Research, 23, 5, 2024, ISSN:1596-5996, DOI:http://dx.doi.org/10.4314/tjpr.v23i5.3, 815-824. SJR (Scopus):0.18, JCR-IF (Web of Science):0.6 **Q3 (Scopus)** Линк	1.000	37.50
64	Antov, G., Gospodinova Z., Novakovic M., Tesevic, V., **Krasteva, N.**, Pavlov, D., Valcheva-Kuzmanova, S.. Molecular mechanisms of the anticancer action of fustin isolated from Cotinus coggygria Scop. in MDA-MB-231 triple-negative breast cancer cell line. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 2024, SJR (Scopus):0.364 **Q3 (Scopus)** Линк	1.000	14.29
65	Arabadjiev, B., Vassileva, I., Nikolaev, G., **Momchilova, A.**, Pankov, R.. Aging, partial reprogramming and bioelectric fields: unveiling the path to cellular rejuvenation. Biotechnology and Biotechnological Equipment, 38, 1, 2024, ISSN:13102818, DOI:10.1080/13102818.2024.2358999, 2358999. SJR (Scopus):0.332, JCR-IF (Web of Science):1.5 **Q3 (Scopus)** Линк	1.000	20.00
66	Bureva, V., **Atanassov, K. T.**, Genov, M., Sotirov, S.. Index Matrix Representation of Data Storage Structures Using Intuitionistic Fuzzy Logic. Lecture Notes in Networks and Systems, 1088, Springer, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_51, 459-466. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	25.00
67	Bureva, V., Krawczak, M., **Pencheva, T.**. InterCriteria Analysis as an Intelligent Tool for Decision Making: Investigation of Polish University Rankings. Notes on Intuitionistic Fuzzy Sets, 30, 4, 2024, DOI:DOI: 10.7546/nifs.2024.30.2.180-189, 180-189 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**	1.000	33.33
68	Chorukova E., **Roeva, O.**. Mathematical Modeling and Static Characteristics of the Anaerobic Digestion of Organic Wastes with Production of Hydrogen and Methane. Studies in Computational Intelligence, 1158, Springer, 2024, ISBN:978-303157319-4, DOI:10.1007/978-3-031-57320-0_3, 30-51. SJR (Scopus):0.208 **Q4 (Scopus)** Линк	1.000	50.00
69	Didon JP, **Jekova I**, Frattini B, Ménétré S, Derkenne C, Tuan Ha VH, Jost D, **Krasteva V**. Clinical performance of AED shock advisory system with integrated Analyze Whilst Compressing algorithm for analysis of the ECG rhythm during out-of-hospital cardiopulmonary resuscitation: A secondary analysis of the DEFI 2022 study. Resuscitation Plus, 19, Elsevier, 2024,	1.000	25.00

	ISSN:2666-5204, DOI:10.1016/j.resplu.2024.100740, 100740-pp. 1-10. JCR-IF (Web of Science):2.1 **Q1, не оглавява ранглистата (Scopus)** Линк		
70	Dinkov, R., **Stratiev, D.**, Andreev, I, Georgiev, G., Angelova, M., Dimitrova, R. Z., Toteva, V.. Relation of the Content of Sustainable Components (HEFAs) in Blends with Hydrotreated Straight-Run Kerosene to the Properties of Aviation Fuel. Processes, 12, 6, MDPI, 2024, ISSN:2227-9717, 1045. JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	14.29
71	Djilianov, D., Moyankova, D., Mladenov, P., Topouzova, T., **Kostadinova, A.**, **Staneva, G.**, Berkov, S., Simova, L.. Resurrection Plants—A Valuable Source of Natural Bioactive Compounds: From Word-of-Mouth to Scientifically Proven Sustainable Use. Metabolites, 14, 2, MDPI, 2024, ISSN:2218-1989, DOI:10.3390/metabo14020113, 113. JCR-IF (Web of Science):3.4 **Q2 (Scopus)** Линк	1.000	25.00
72	Fidanova S., **Atanassov, K. T.**. Ant Algorithm with Local Search Procedure for Multiple Knapsack Problem. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 13952, Springer, 2024, ISSN:03029743, DOI:10.1007/978-3-031-56208-2_24, 246-252. SJR (Scopus):0.606 **Q2 (Scopus)** Линк	1.000	50.00
73	Gateva, P., Hristov, M., Ivanova, N., Vasileva, D., Ivanova, A., Sabit, Z., Bogdanov, T., **Apostolova, S.**, **Tzoneva, R.**. Antinociceptive Behavior, Glutamine/Glutamate, and Neopterin in Early-Stage Streptozotocin-Induced Diabetic Neuropathy in Liraglutide-Treated Mice under a Standard or Enriched Environment. International Journal of Molecular Sciences, 25, 19, MDPI, 2024, ISSN:16616596, DOI:10.3390/ijms251910786, 10786. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	22.22
74	Gospodinova, Z., Antov, G., **Stoichev, S.**, Zhiponova, M.. In Vitro Anticancer Effects of Aqueous Leaf Extract from Nepeta nuda L. ssp. nuda. Life, 14, 12, MDPI, 2024, ISSN:20751729, DOI:10.3390/life14121539, SJR (Scopus):0.713 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
75	Hristov M., Sabit Z., Kirilov T., **Tzoneva R.**, **Apostolova S.**, **Georgieva I.**, Andreeva-Gateva P.. Riboflavin Increases Serum Glutamine Levels in Rats with Streptozotocin-induced Diabetes. Proceedings of the Bulgarian Academy of Sciences, 77, 2, 2024, ISSN:2367-5535, DOI:10.7546/CRABS.2024.02.12, SJR (Scopus):0.182 **Q3 (Scopus)** Линк	1.000	42.86
76	Hristov, M., Sabit, Z., Kirilov, T., Bakalov, D., **Tzoneva, R.**, **Apostolova, S.**, **Georgieva, I.**, Andreeva-Gateva, P.. Effects of riboflavin on hyperalgesia and serum glutamine-to-glutamate ratio in rats with painful diabetic neuropathy. Pharmacia, 71, Pensoft, 2024, ISSN:2603-557X, DOI:10.3897/PHARMACIA.71.E120921, 1-7. SJR (Scopus):0.244 **Q2 (Scopus)** Линк	1.000	37.50
77	Hüner N.P.A., **Ivanov A.G.**, Szyszka-Mroz B., Savitch L.V., Smith D.R., Kata V.. Photostasis and photosynthetic adaptation to polar life.. Photosynth. Res., 161, (1-2), Springer Nat., 2024, ISSN:0166-8595, DOI:10.1007/s11120-024-01104-7, 51-64. JCR-IF (Web of Science):2.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
78	Ignatova V., **Todorova L.**, Haralanov L.., **Vassilev P.**. Early Clinical Predictors of Long-term Disability Progression in Patients with Multiple Sclerosis. Indian Journal of Medical Specialities, 15, 1, WOLTERS KLUWER MEDKNOW PUBLICATIONS, 2024, ISSN:0976-2884, DOI:10.4103/injms.injms_82_23, 48-52. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	50.00
79	Iliev, I.,, **Tsoneva, I.**,, **Nesheva, A.**,, **Staneva, G.**,, Robev, B.,, **Momchilova, A.**,, **Nikolova, B**. Complementary treatment of breast cancer cells with different metastatic potential with Iscador Qu in the presence of clinically approved anticancer drugs. Current Issues in Molecular Biology, 46, 11, MDPI, 2024, DOI:doi.org/10.3390/cimb46110740, 12457-12480. JCR-IF (Web of Science):2.8 **Q2 (Scopus)** Линк	1.000	71.43
80	Ilieva, I.N., Sainova, I.V., Toshkova, R.A., Georgieva, A.K., Nanev, V.N., **Tzoneva, R.D**. The therapeutic effect of antitumor drugs erufosine and doxorubicin on the metastatic process in the testes of hamsters with Graffi myeloid tumor. Morphometric and histological studies. Clinical oncohematology. Basic Reserach and clinical practice, 17, 1, Practical Medicine Publishing House, 2024, ISSN:1997-6933, SJR (Scopus):0.12 **Q4 (Scopus)** Линк	1.000	16.67
81	Ilkova T., **Petrov M.**. Neuro-Dynamic Programming to Optimal Control of a Biotechnological Process. Int. J. Bioautomation, 28, 4, Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, 2024, ISSN:1314-2321 (онлайн) 1314-1902 (печатно издание), DOI:10.7546/ijba.2024.28.4.001036, 205-220. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	50.00
82	Ilkova, T., **Petrov, M**. Dynamic Programming, Neuro-Dynamic Programming, Rollout method and Model Predictive Control to Optimal Control of a Fermentation Process. Contemporary Mathematics, 5, 3, Universal Wiser Publisher, 2024, ISSN:2705-1064 (Print) 2705-1056 (Online), DOI:https://doi.org/10.37256/cm.5320243113, 3790-3803. SJR (Scopus):0.16, JCR-IF (Web of Science):0.6 **Q3 (Web of Science)** Линк	1.000	50.00
83	Kanev P.B., Varhoshkova S., **Georgieva I.**, Lukarska M., Kirova D., Danovski G., Stoynov S., Aleksandrov R.. A unified mechanism for PARP inhibitor-induced PARP1 chromatin retention at DNA damage sites in living cells. Cell Reports, 43, 5, Cell Press, 2024, ISSN:2211-1247, DOI:10.1016/j.celrep.2024.114234, JCR-IF (Web of Science):8.8 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
84	Keremidarska-Markova, M., Sazdova, I., Ilieva, B., Mishonova, M., Shkodrova, M., **Hristova-Panusheva, K.**, **Krasteva, N.**, Chichova, M.. Comprehensive Assessment of Graphene Oxide Nanoparticles: Effects on Liver Enzymes and Cardiovascular System in Animal Models and on Skeletal Muscle Cells. Nanomaterials, 14, 2, MDPI, 2024, DOI:10.3390/nano14020188, 188. JCR-IF (Web of Science):4.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00

85	Komsa-Penkova, R., Dimitrov, B., **Todinova, S.**, Ivanova, V., Stoycheva, S., Temnishki, P., Georgieva, G., Tonchev, P., Iliev, M., Altankov, G.. Early Stages of Ex Vivo Collagen Glycation Disrupt the Cellular Interaction and Its Remodeling by Mesenchymal Stem Cells—Morphological and Biochemical Evidence. International Journal of Molecular Sciences, 25, 11, MDPI, 2024, DOI:https://doi.org/10.3390/ijms25115795, 5795. SJR (Scopus):1.179, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	10.00
86	Krumova, E., **Benkova, D.**, Stoyancheva, G., Dishliyska, V., Miteva-Staleva, J., **Kostadinova, A.**, Ivanov, K., El-Sayed, Kh., **Staneva, G.**, Elshoky, H. A.. Exploring the mechanism underlying the antifungal activity of chitosan-based ZnO, CuO, and SiO2 nanocomposites as nanopesticides against Fusarium solani and Alternaria solani. International Journal of Biological Macromolecules, 268, Elsevier, 2024, ISSN:0141-8130, DOI:https://doi.org/10.1016/j.ijbiomac.2024.131702, 131702. SJR (Scopus):1.245, JCR-IF (Web of Science):7.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	30.00
87	Lorite, NP., **Apostolova, S.**, Guasch-Vallés, M., Pryer, A., Unzueta, F., Freire, R., Solé-Soler, R., Pedraza, N., Dolcet, X., Garí, E., Agell, N., Taylor, E. M., Colomina, N., Torres-Rosell, J.. Crucial role of the NSE1 RING domain in Smc5/6 stability and FANCM-independent fork progression. Cellular and Molecular Life Sciences, 81, 1, Springer Nature, 2024, ISSN:1420682X, DOI:10.1007/s00018-024-05275-3, 251. SJR (Scopus):2.274, JCR-IF (Web of Science):6.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	7.14
88	Lyubenova, V., Ignatova, M., Kristeva, D., **Roeva, O.**. Multistep Modelling and Monitoring of Bioprocesses. International Journal Bioautomation, 28, 4, 2024, ISSN:1314-2321, DOI:10.7546/ijba.2024.28.4.001033, 185-196. SJR (Scopus):0.139 **Q4 (Scopus)** Линк	1.000	25.00
89	Lyubenova, V., Ignatova, M., Zoteva, D., **Roeva, O.**. Model-Based Adaptive Control of Bioreactors—A Brief Review. Mathematics, 12, 14, MDPI, 2024, ISSN:2227-7390, DOI:https://doi.org/10.3390/math12142205, 1-20. JCR-IF (Web of Science):2.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
90	Moustakas M., **Dobrikova A.**, Sperdouli I., Hanc A., Moustaka J., Adamakis I.-D.S., **Apostolova E.**. Photosystem II Tolerance to Excess Zinc Exposure and High Light Stress in Salvia sclarea L.. Agronomy, 14, 3, MDPI, 2024, DOI:doi.10.3390/agronomy14030589, 589. JCR-IF (Web of Science):3.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	28.57
91	Ossowicz-Rupniewska, P., Klebeko, J., **Georgieva, I.**, **Apostolova, S.**, Struk, Ł., **Todinova, S.**, **Tzoneva, R.**, Guncheva, M.. Tuning of the Anti-Breast Cancer Activity of Betulinic Acid via Its Conversion to Ionic Liquids. Pharmaceutics, 16, 4, MDPI, 2024, ISSN:1999-4923, DOI:10.3390/pharmaceutics16040496, 496. SJR (Scopus):0.892, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
92	Sándor, J., **Atanassov, K.**. Some new arithmetic functions. Notes on Number Theory and Discrete Mathematics, 30, 4, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-5132, DOI:10.7546/nntdm.2024.30.4.851-856, 851-856. JCR-IF (Web of Science):0.4 **Q4 (Web of Science)** Линк	1.000	50.00
93	Santhosh, P. B., **Hristova-Panusheva, K.**, Petrov, T., Stoychev, L., **Krasteva, N.**, Genova, J.. Femtosecond Laser-Induced Photothermal Effects of Ultrasmall Plasmonic Gold Nanoparticles on the Viability of Human Hepatocellular Carcinoma HepG2 Cells. Cells, 13, 24, MDPI, 2024, ISSN:20734409, DOI:10.3390/cells13242139, 2139. SJR (Scopus):1.547, JCR-IF (Web of Science):5.1 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
94	Sever, B., Saso, L., **Tzoneva, R.**, Onnis, V., Ciftci, H.. Multi-targeted tyrosine kinase inhibitors in the treatment of cancer and neurodegenerative disorders. Frontiers in Chemistry, 12, 1460347, 2024, JCR-IF (Web of Science):3.8 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
95	Shiskova, I., **Stratiev, D.**, Sotirov, S., Sotirova, E., Dinkov, R., **Kolev, I.**, Stratiev, D., Nenov, S., **Ribagin, S.**, **Atanassov, K.**, Yordanov, D., van den Berg, F.. Predicting Petroleum SARA Composition from Density, Sulfur Content, Flash Point, and Simulated Distillation Data Using Regression and Artificial Neural Network Techniques. Processes, 12, 8, MDPI, 2024, ISSN:22279717, DOI:10.3390/pr12081755, SJR (Scopus):0.525, JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	33.33
96	Shiskova, I., **Stratiev, D.**, Tavlieva, M., Nedelchev, A., Dinkov, R., Kolev, I., van den Berg, F., **Ribagin, S.**, Sotirov, S., Nikolova, R., Veli, A., Georgiev, G., **Atanassov, K.**. Application of Intercriteria and Regression Analyses and Artificial Neural Network to Investigate the Relation of Crude Oil Assay Data to Oil Compatibility. Processes, 12, 4, MDPI, 2024, DOI:10.3390/pr12040780, 780. JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	23.08
97	Sotirova, E., Bureva, V., Sotirov, S., Bozov, H., **Ribagin, S.**. An Intuitionistic Fuzzy Approach for Blood Data Analysis. Lecture Notes in Networks and Systems, 1088, Springer International Publishing AG, 2024, ISSN:23673370, DOI:10.1007/978-3-031-70018-7_65, 584-591. SJR (Scopus):0.171 **Q4 (Scopus)** Линк	1.000	20.00
98	Szmidt, E., Kacprzyk, J., **Atanassova, V.**, Bujnowski, P.. Intuitionistic fuzzy sets in group decision making – A novel approach. Notes on Intuitionistic Fuzzy Sets, 30, 2, Prof. Marin Drinov Academic Publishing House, 2024, ISSN:1310-4926, DOI:10.7546/nifs.2024.30.2.101-112, 101-112 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	25.00
99	Vasileva, B., **Krasteva, N.**, **Hristova-Panusheva, K.**, Ivanov, P., Miloshev, G., Pavlov, A., Georgiev, V., Georgieva, M.. Exploring the Biosafety Potential of Haberlea rhodopensis Friv. In Vitro Culture Total Ethanol Extract: A Comprehensive Assessment of Genotoxicity, Mitotoxicity, and Cytotoxicity for Therapeutic Applications. Cells, MDPI, 2024, SJR (Scopus):1.547 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00

100	Vitkova, V., **Hazarosova, R.**, Valkova, I., **Momchilova, A.**, **Staneva, G.**. Glycerophospholipid polyunsaturation modulates resveratrol action on biomimetic membranes. Colloids and Surfaces B: Biointerfaces, 238, Article number 11392, Elsevier, 2024, ISSN:09277765, DOI:10.1016/j.colsurfb.2024.113922, SJR (Scopus):0.91, JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	60.00
101	Yancheva D., Argirova M., **Georgieva I.**, **Milanova V.**, Guncheva M., Rangelov M., Todorova N., **Tzoneva R.**. Antiproliferative and Pro-Apoptotic Activity and Tubulin Dynamics Modulation of 1H-Benzimidazol-2-yl Hydrazones in Human Breast Cancer Cell Line MDA-MB-231. Molecules, 29, 10, MDPI, 2024, ISSN:1420-3049, SJR (Scopus):0.704, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	37.50
102	Łochyński, D., Stępień, G., **Angelova, S.**, **Raikova, R.**, Grześkowiak, M.. Effects of hand dominance on myoelectric signal of non-fatigued lumbar multifidus muscle during single arm lifts. Acta Neurobiologiae Experimentalis, 84, 2, 2024, ISSN:00651400, DOI:10.55782/ane-2024-2584, 191-202. SJR (Scopus):0.353, JCR-IF (Web of Science):0.32 **Q3 (Scopus)** Линк	1.000	40.00
Коригиран брой: 102.000			