XX а: 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**: 2023 ÷ 2023
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Alov, P.**, **Pajeva, I.**, **Tsakovska, I.**, **Pencheva, T.**. Comparison of Docking Scoring Functions by InterCriteria Analysis on a Set of Protein Targets Related to Alzheimer and Parkinson Diseases. Sotirov, S., Pencheva, T., Kacprzyk, J., Atanassov, K.T., Sotirova, E., Ribagin, S. (eds) Recent Contributions to Bioinformatics and Biomedical Sciences and Engineering. Lecture Notes in Networks and Systems, 658, Springer, Cham., 2023, ISBN:978-3-031-31068-3, DOI:10.1007/978-3-031-31069-0_11, 98-110. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
2	**Andreeva Tonya**, Drieschner T., Golovko D.S., Lorenz A., Rebner K., Krastev R.. Process validation and a new method for quality control of ultrathin polyelectrolyte multilayer coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 676, A, Elsevier, 2023, DOI:10.1016/j.colsurfa.2023.132157, 132157. JCR-IF (Web of Science):5.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
3	**Angelova M.**,, **Roeva, O.**, **P. Vassilev**,, **T. Pencheva**. Multi-population Genetic Algorithm and Cuckoo Search Hybrid Technique for Parameter Identification of Fermentation Processes Models. Processes, 11, MDPI, 2023, ISSN:2227-9717, DOI:https://doi.org/10.3390/pr11020427, 427. JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	100.00
4	**Apostolova E.L.**. Molecular mechanisms of plant defense against abiotic stress. International Journal Molecular Science, 24, 12, MDPI, 2023, SJR (Scopus):1.154, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
5	**Apostolova S.**, Oreshkova T., **Uzunova V.**, **Georgieva I.**, **Maslenkova L.**, **Tzoneva R.**. A Standardized Extract of Petasites hybridus L., Containing the Active Ingredients Petasins, Acts as a Pro-Oxidant and Triggers Apoptosis through Elevating of NF-κB in a Highly Invasive Human Breast Cancer Cell Line. Frontiers in Bioscience (Landmark edition), 28, 6, IMR Press Limited, 2023, ISSN:27686698, DOI:10.31083/j.fbl2806111, JCR-IF (Web of Science):3.1 **Q2 (Scopus)** Линк	1.000	83.33
6	**Atanassov K.**, Angelova N., **Pencheva T.**. On Two Intuitionistic Fuzzy Modal Topological Structures. Axioms, 5, 408, 12, 2023, DOI:https://doi.org/10.3390/axioms12050408, JCR-IF (Web of Science):2 **Q2 (Web of Science)** Линк	1.000	66.67
7	**Atanassov K.**, Sotirov S., **Pencheva T.**. Intuitionistic Fuzzy Deep Neural Network. Mathematics, 11, 716, 2023, DOI:https://doi.org/10.3390/math11030716, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
8	**Atanassov, K.**, Mavrov, D., **Atanassova, V.**. InterCriteria Analysis with weight coefficients of objects or criteria. Notes on Intuitionistic Fuzzy Sets, 29, 2, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.2.157-165, 157-165 **Национално академично издателство** Линк	1.000	66.67
9	**Atanassov, K.**, Tsvetkov, R.. New intuitionistic fuzzy operations, operators and topological structures. IRANIAN JOURNAL OF FUZZY SYSTEMS, 20, 7, 2023, ISSN:17350654, DOI:10.22111/IJFS.2023.7629, JCR-IF (Web of Science):1.8 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
10	**Atanassov, K.**. Intuitionistic fuzzy bimodal topological structures. Notes on Intuitionistic Fuzzy Sets, 29, 2, 2023, DOI:10.7546/nifs.2023.29.2.133-143, 133-143 **Национално академично издателство** Линк	1.000	100.00
11	**Atanassov, K.**. Intuitionistic Fuzzy Modal Topological Structures Based on Two New Intuitionistic Fuzzy Modal. Lecture Notes in Networks and Systems, 758, 2023, ISSN:23673370, DOI:10.1007/978-3-031-39774-5_2, 11-21. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00

12	**Atanassov, K.**. Objects generated by an arbitrary natural number. Part 3: Standard modal-topological aspect. Notes on Number Theory and Discrete Mathematics, 29, 1, 2023, ISSN:2367–8275, DOI:10.7546/nntdm.2023.29.1.171-180, 171-180. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
13	**Atanassov, K.**. On Intuitionistic Fuzzy Extended Modal Topological Structures. Lecture Notes in Networks and Systems, 793 LNNS, Springer, 2023, ISBN:978-303145068-6, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_1, 3-14. SJR (Scopus):0.7 **Q4 (Scopus)** Линк	1.000	100.00
14	**Atanassov, K.**. On Intuitionistic Fuzzy Temporal Topological Structures. Axioms, 12, 2, 2023, ISSN:20751680, DOI:10.3390/axioms12020182, JCR-IF (Web of Science):2 **Q2 (Web of Science)** Линк	1.000	100.00
15	**Atanassov, K.**. On two new intuitionistic fuzzy topological operators and four new intuitionistic fuzzy feeble modal topological structures. Notes on Intuitionistic Fuzzy Sets, 29, 1, 2023, ISSN:1310-4926, DOI:0.7546/nifs.2023.29.1.74-83, 74-83 **Национално академично издателство** Линк	1.000	100.00
16	**Atanassov, Krassimir**, Sándor, József. On a modification of Set(n). Notes on Number Theory and Discrete Mathematics, 29, 4, 2023, DOI:10.7546/nntdm.2023.29.4.813-819, 813-819. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	50.00
17	**Atanassov, Krassimir**. Four new intuitionistic fuzzy bimodal topological structures. Notes on Intuitionistic Fuzzy Sets, 29, 3, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.3.239-246, 239-246 **Национално академично издателство** Линк	1.000	100.00
18	**Atanassov, Krassimir**. Intuitionistic fuzzy level operators related to degree of uncertainty. Notes on Intuitionistic Fuzzy Sets, 29, 4, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.4.325-334, 325-334 **Национално академично издателство** Линк	1.000	100.00
19	**Atanassov, Krassimir**. Objects generated by an arbitrary natural number. Part 4: New aspects. Notes on Number Theory and Discrete Mathematics, 29, 3, 2023, DOI:10.7546/nntdm.2023.29.3.589-597, 589-597. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
20	**Atanassov, Krassimir**. On tertions and other algebraic objects. Notes on Number Theory and Discrete Mathematics, 29, 4, 2023, DOI:10.7546/nntdm.2023.29.4.861-880, 861-880. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
21	**Atanassova, Vassia**, **Umlenski, Ivo**. Interpreting the results of InterCriteria Analysis: Pareto principle at work. Notes on Intuitionistic Fuzzy Sets, 29, 4, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.4.418-424, 418-424 **Национално академично издателство** Линк	1.000	100.00
22	**Atanassova, Vassia**, Andreev, Nikolay, **Dimitriev, Angel**. ABO System Blood Groups Distribution in Bulgaria, Based on a Dataset of the Patients of the University Hospital "Saint Anna", Sofia, Bulgaria, from 2015 to 2021. 2nd International Symposium on Bioinformatics and Biomedicine, BioInfoMed 2022. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_9, 72-83. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
23	**Atanassova, Vassia**, Andreev, Nikolay, **Dimitriev, Angel**. InterCriteria Analysis of the Geographic Distribution of the ABO System Blood Groups in the Patients of the University Hospital "Saint Anna", Sofia, Bulgaria, from 2015 to 2021. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_10, 84-97. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
24	**Beleva, Elina A.**. Splanchnic Vein Thrombosis in Myelofibrosis—An Underappreciated Hallmark of Disease Phenotype. International Journal of Molecular Sciences, 24, 21, MDPI, 2023, DOI:https://doi.org/10.3390/ijms242115717, 15717. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
25	**Danailova A.**, **Todinova S.**, Gartcheva L., Bogdanova D., Zlatareva E., Kalaydzhiev N., Milanov I., **Krumova S.**, **Taneva S.G.**. Thermodynamic Signatures of Blood Plasma Proteome in Neurodegenerative Pathologies. Int. J. Mol. Sci., 24, 2023, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	44.44
26	**Dimitrov ,S. I.**. Lower bounds on expressions dependent on functions φ(n), ψ(n) and σ(n). Notes on Number Theory and Discrete Mathematics, 29, 4, "Prof. Marin Drinov" Publishing House of Bulgarian Academy of Sciences., 2023, ISSN:ISSN 1310-5132 (print), 2367-8275 (online), DOI:https://doi.org/10.7546/nntdm.2023.29.4.713-716, JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
27	**Dimitrov ,S. I.**. Prime numbers of the form [n^c tan^θ(log n)]. Indian J. Pure Appl. Math., Springer Nature, 2023, ISSN:ISSN : 0019-5588 (print), 0975-7465 (online), DOI:https://doi.org/10.1007/s13226-023-00420-3, JCR-IF (Web of Science):0.7 **Q3 (Web of Science)** Линк	1.000	100.00
28	**Dimitrov A. G.**. Resting membrane state as an interplay of electrogenic transporters with various pumps. Pflugers Arch. - Eur. J. Physiol., 475, 9, Springer, 2023, DOI:https://doi.org/10.1007/s00424-023-02838-4, 1113-1128. SJR (Scopus):1.127, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00

29	**Dobrev D**, **Neycheva T**. Intuitive Approach to Active Digital Filter Design. Part I: Principle of First-order Filters. XXXII International Scientific Conference Electronics (ET), 32, IEEE, 2023, ISBN:979-835030200-4, DOI:10.1109/ET59121.2023.10279456, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
30	**Dobrikova A.**, **Gospodinova Z.**, **Stefanov M.**, **Apostolova E.**, **Krasteva N.**. Phytochemical analysis and assessment of the antioxidant activity and cytotoxicity potential of hydroethanolic extract of bulgarian Sideritis scardica.. J. Chem. Technol. Metall., 58, 1, University of Chemical Technology and Metallurgy, 2023, SJR (Scopus):0.2 **Q3 (Scopus)** Линк	1.000	100.00
31	**Dobrikova A.G.**. Abiotic Stress Tolerance in Crop and Medicinal Plants. Plants, 12, 24, MDPI, 2023, DOI:10.3390/plants12244167, 4167. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
32	**Georgiev, BE**, **Stratiev, DS**, Argirov, GS, Nedelchev, A, Dinkov, R, Shishkova, IK, Ivanov, M, **Atanassov, K**, **Ribagin, S**, **Palichev, GN**, Nenov, S, Sotirov,, Sotirova, E, Pilev, D, **Stratiev, DD**. Commercial Ebullated Bed Vacuum Residue Hydrocracking Performance Improvement during Processing Difficult Feeds. APPLIED SCIENCES-BASEL, 13, 6, MDPI, 2023, DOI:DOI10.3390/app13063755, JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	40.00
33	**Georgieva I.**, Tchekalarova J., Iliev D., **Tzoneva R.**. Endothelial Senescence and Its Impact on Angiogenesis in Alzheimer's Disease. International Journal of Molecular Sciences, 24, 14, MDPI, 2023, ISSN:1422-0067, DOI:10.3390/ijms241411344, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
34	**Giosheva I**, **Strijkova V**, Komsa-Penkova R, **Krumova S**, **Langari A**, **Danailova A**, **Taneva SG**, **Stoyanova T**, **Topalova L**, Gartchev E, Georgieva G, **Todinova S**. Membrane Lesions and Reduced Life Span of Red Blood Cells in Preeclampsia as Evidenced by Atomic Force Microscopy. Int J Mol Sci ., 24, 8, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24087100, SJR (Scopus):1.154, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	75.00
35	**Hazarosova, R.**, **Momchilova, A.**, Vitkova, V., **Yordanova, V.**, **Kostadinova, A.**, Angelova, M.A., Tessier, C., Nuss, P., **Staneva, G.**. Structural Changes Induced by Resveratrol in Monounsaturated and Polyunsaturated Phosphatidylcholine-Enriched Model Membranes. Membranes, 13, 909, MDPI, 2023, ISSN:20770375, DOI:10.3390/membranes13120909, 1-21. SJR (Scopus):0.49, JCR-IF (Web of Science):4.2 **Q2 (Web of Science)** Линк	1.000	55.56
36	**Hristova-Panusheva K.**, **Kamenska T.**, **Gospodinova Z.**, **Krasteva N.**. Engineered nanomaterials based on graphene oxide and their potentials for combined cancer therapies. International scientific journal Industry 4.0, 7/2023, 2023, ISSN:2534-997X, 359-361 **Национално неакадемично издателство** Линк	1.000	100.00
37	**Ivanov K**, **Jekova I**, **Krasteva V**. Convolutional Autoencoder for Filtering of Power-Line Interference with Variable Amplitude and Frequency: Study of 12-Lead PTB-XL ECG Database. Lecture Notes in Networks and Systems, 658, Springer, Cham, 2023, ISBN:978-3-031-31068-3, ISSN:2367-3370, DOI:10.1007/978-3-031-31069-0_13, 121-133. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
38	**Kolev I.**, **Stratiev D.**, Shishkova I., **Atanassov K.**, **Ribagin S.**, Sotirov S., Sotirova E., **Stratiev D.D.**. Effect of Crude Oil Quality on Properties of Hydrocracked Vacuum Residue and Its Blends with Cutter Stocks to Produce Fuel Oil. Processes, 11, 6, MDPI, 2023, ISSN:22279717, DOI:https://doi.org/10.3390/pr11061733, SJR (Scopus):0.53, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	62.50
39	**Krasteva V**, **Jekova I**. Rhythm Analysis During Cardio-Pulmonary Resuscitation with Convolutional and Recurrent Neural Networks Using ECG and Optional Impedance Input. Lecture Notes in Networks and Systems, 658, Springer, Cham, 2023, ISBN:978-3-031-31068-3, ISSN:2367-3370, DOI:10.1007/978-3-031-31069-0_1, 3-15. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
40	**Krasteva V**, Didon JP, Ménétré S, **Jekova I**. Deep Learning Strategy for Sliding ECG Analysis during Cardiopulmonary Resuscitation: Influence of the Hands-Off Time on Accuracy. Sensors, 23, 9, MDPI, 2023, ISSN:1424-8220, DOI:10.3390/s23094500, 4500. JCR-IF (Web of Science):3.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
41	**KRUMOVA S.**, PETROVA A., KOLEVA D., **PETROVA S.**, **STOICHEV S.**, **PETROVA N.**, TSONEV T., PETROV P., **VELIKOVA V.**. Priming of Pisum sativum seeds with stabilized Pluronic P85 nanomicelles: effects on seedling development and photosynthetic function. PHOTOSYNTHETICA, 61 (SI), 2023, DOI:10.32615/ps.2023.033, 28-36. SJR (Scopus):0.584, JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	55.56
42	**Krumova, S.**, Petrova, A., **Petrova, N.**, **Stoichev, S.**, Ilkov, D., Tsonev, T., Petrov, P., Koleva, D., **Velikova V.**. Seed Priming with Single-Walled Carbon Nanotubes Grafted with Pluronic P85 Preserves the Functional and Structural Characteristics of Pea Plants. Nanomaterials, 13, MDPI, 2023, DOI:https://doi.org/10.3390/ nano13081332, 1332. JCR-IF (Web of Science):5.719 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	44.44
43	**Mancheva Kapka**, Danova Svetla, Vilhelmova-Ilieva Neli, Simeonova Lora, Dobreva Lili, Atanasov Georgi. Koi herpesvirus highlights and potential of probiotics to reduce or even to prevent Koi herpesvirus infection. Acta Microbiologica Bulgarica, 39, 2, Bulgarian Society for Microbiology (Union of Scientists in Bulgaria), 2023, ISSN:0204-8809, 111-117. SJR (Scopus):0.132 **Q4 (Scopus)** Линк	1.000	16.67
44	**Momchilova, A.**, Pankov, R., Krastev, P., **Markovska, T.**, Arabadjiev, A., Krastev, N., Vassileva, E., Krastev, D., Tonev, D.. Quercetin Affects Ceramide but not Sphingosine-1-phosphate in ras-transformed 3T3 Fibroblasts. Proceedings of the Bulg.	1.000	22.22

	Acad. Sci, 76, 4, Marin Drinov, 2023, ISSN:1310-1331, DOI:https://doi.org/10.7546/CRABS.2023.04.13, 605-611. SJR (Scopus):0.18, JCR-IF (Web of Science):0.3 **Q3 (Web of Science)** Линк		
45	**Neycheva T**, **Dobrev D**. Intuitive Approach to Active Digital Filter Design. Part II: Principle of Higher-order Low-pass Filters. XXXII International Scientific Conference Electronics (ET), 32, IEEE, 2023, ISBN:979-835030200-4, DOI:10.1109/ET59121.2023.10278687, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
46	**Palichev, GN**, **Stratiev, D**, Sotirov, S, Sotirova, E, Nenov, S, Shishkova, I, Dinkov, R, **Atanassov, K**, **Ribagin, S**, **Stratiev, DD**, Pilev, D, Yordanov, D. Prediction of Refractive Index of Petroleum Fluids by Empirical Correlations and ANN. Processes, 11, 8, MDPI, 2023, DOI:DOI10.3390/pr11082328, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	41.67
47	**Petkova, D.**, **Atanassov, K.**. A Generalized Net Model of Acute Respiratory Distress Syndrome. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_19, 207-2015. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
48	**Petrov, M**. An Approach for Analysis and Assessment of the Pollution Indices of the Struma river in the Bulgarian section. Ekológia (Bratislava), 42, 4, De Gruyter Open Ltd., 2023, ISSN:1337947X, 1335342X, DOI:10.2478/eko-2023-0036, 327-332. SJR (Scopus):0.293 **Q3 (Scopus)** Линк	1.000	100.00
49	**Petrova N.**, **Todinova S.**, Petrov P., **Velikova V.**, **Krumova S.**. Foliar application of Pluronic P85-grafted single-walled carbon nanotubes induces thylakoid membrane structural remodeling. Acta Physiologiae Plantarum, 45, 12, 2023, 133. SJR (Scopus):0.566, JCR-IF (Web of Science):2.6 **Q2 (Web of Science)** Линк	1.000	80.00
50	**Petrova S.**, **Mazhdrakova N.**, **Todinova S.**, **Strijkova V.**, Zhiponova M., **Krumova S.**. Nepeta nuda L. Plant Extract Preserves the Morphology of Red Blood Cells Subjected to Oxidative Stress. Med. Sci. Forum, 21, 1, MDPI, 2023, 35 **Международно неакадемично издателство** Линк	1.000	83.33
51	**Popova A.V.**, Mihailova G., Geneva M., Peeva V., Kirova E., Sichanova M., **Dobrikova A.**, Georgieva K.. Different Responses to Water Deficit of Two Common Winter Wheat Varieties: Physiological and Biochemical Characteristics. Plants, 12, 12, MDPI, 2023, DOI:https://doi.org/10.3390/plants12122239, 2239. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
52	**Popova, A.V.**, **Borisova, P.**, Vasilev, D.. Response of Pea Plants (Pisum sativum cv. Ran 1) to NaCl Treatment in Regard to Membrane Stability and Photosynthetic Activity. Plants, 12, 2, MDPI, 2023, DOI:https://doi.org/10.3390/plants12020324, 324. JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
53	**Raikova R.**, Ivanov I., Hristov O., Markova N., Trenev L., **Angelova S.**. Detailed Investigation of Knee Biomechanics during Posture Maintenance while Applying Different Static Loadings on the Spine. International Journal of Bioautomation, 27, 2, Institute of Biophysics and Biomedical Engineering, 2023, ISSN:ISSN: 1314-2321 (on-line) 1314-1902 (print), DOI:doi: 10.7546/ijba.2023.27.2.000946, 83-98. SJR (Scopus):0.16 **Q4 (Scopus)** Линк	1.000	33.33
54	**Raikova R.**, Krutki Piotr, Celichowski Jan. Skeletal muscle models composed of motor units. A review. Journal of Electromyography and Kinesiology 70 , 102774, Elsevier, 2023, JCR-IF (Web of Science):2.641 **Q2 (Scopus)** Линк	1.000	33.33
55	**Ribagin, S.**, Hristozov, Ia., **Atanassov, K.**. Generalized Net Model of a Collective Work of a DOBOT Magician Robot System with a Centralized Control. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_30, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
56	**Roeva, O.**, **Chorukova, E**. Metaheuristic Algorithms to Optimal Parameters Estimation of a Model of Two-Stage An-aerobic Digestion of Corn Steep Liquor. Applied Sciences, 13, 1, MDPI, 2023, ISSN:2076-3417, DOI:https://doi.org/10.3390/app13010199, 199. JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	100.00
57	**Roeva, O.**, Zoteva, D.,, Roeva, G.,, Lyubenova, V. An Efficient Hybrid of an Ant Lion Optimizer and Genetic Algorithm for a Model Parame-ter Identification Problem. Mathematics, 11, 6, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11061292, 1292. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
58	**Semkova, S.,**, **Nikolova, B.,**, **Tsoneva, I.,**, **Antov, G.,**, Ivanova, D.,, Angelov, A.,, **Zhelev, Zh.,**, Bakalova, R.. Redox-mediated Anticancer Activity of Anti-parasitic Drug Fenbendazole in Triple-negative Breast Cancer Cells. Anticancer Research, 43, 3, 2023, 1207-1212. JCR-IF (Web of Science):2.435 **Q2 (Web of Science)** Линк	1.000	62.50
59	**Stefanov M.**, **Rashkov G.**, **Borisova P.**, **Apostolova E.**. Sensitivity of the Photosynthetic Apparatus in Maize and Sorghum under Different Drought Levels. Plants, 12, 1863, MDPI (Switzerland), 2023, DOI:https://doi.org/10.3390/plants12091863, SJR (Scopus):0.765, JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
60	**Stefanov M.A.**, **Rashkov G.D.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Protective Effects of Sodium Nitroprusside on Photosynthetic Performance of Sorghum bicolor L. under Salt Stress. Plants, 12, 4, MDPI, 2023, ISSN:2223-7747, DOI:10.3390/plants12040832, SJR (Scopus):0.765, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00

61	**Stefanov M.A.**, **Rashkov G.D.**, **Yotsova E.K.**, **Dobrikova A.G.**, **Apostolova E.L.**. Impact of Salinity on the Energy Transfer between Pigment–Protein Complexes in Photosynthetic Apparatus, Functions of the Oxygen-Evolving Complex and Photochemical Activities of Photosystem II and Photosystem I in Two Paulownia Lines. Int. J. Mol. Sci., 24, 4, MDPI, 2023, DOI:10.3390/ijms24043108, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
62	**Stratiev D.**, Nenov S., Shishkova I., Sotirov S., Sotirova E., Dinkov R., Yordanov D., Pilev D., **Atanassov K.**, Vasilev S., **Stratiev D.D.**. Prediction of Viscosity of Blends of Heavy Oils with Diluents by Empirical Correlations and Artificial Neural Network. Industrial and Engineering Chemistry Research, 62, 49, American Chemical Society, 2023, DOI:10.1021/acs.iecr.3c02472, 21449-21463. SJR (Scopus):0.82, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	27.27
63	**Stratiev D.**, Shishkova I., Nikolaychuk E.. Application of Ebullated-Bed Vacuum Residue Hydrocracking at Lukoil Neftohim Burgas. Chem. Technol. Fuels Oils, 59, American Chemical Society, 2023, DOI:10.1007/s10553-023-01499-4, 33-39. SJR (Scopus):0.17 **Q4 (Scopus)** Линк	1.000	33.33
64	**Stratiev, D.**, Dimitriev, A., **Stratiev, D.**, **Atanassov, K.**. Modeling the Production Process of Fuel Gas, LPG, Propylene, and Polypropylene in a Petroleum Refinery Using Generalized Nets. Mathematics, 11, 17, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11173800, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
65	**Stratiev, D.**, Dimitriev, D., **Stratiev, D.**. Generalized Net Model of Heavy Oil Products' Manufacturing in Petroleum Refinery. Mathematics, 11, 23, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11234753, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
66	**Stratiev, D.**, I.Shishkova, R.Dinkov, S. Nenov, S.Sotirov, E. Sotirova, I. Kolev, V. Ivanov, **S. Ribagin**, **K. Atanassov**, D. Stratiev, D. Yordanov. Prediction of petroleum viscosity from molecular weight and density. Fuel, 331, Elsevier, 2023, ISSN:00162361, DOI:10.1016/j.fuel.2022.125679, 125679. SJR (Scopus):1.514, JCR-IF (Web of Science):8.035 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
67	**Stratiev, D.**, Sotirov, S., Sotirova, E., Nenov, S., Dinkov, R., Shishkova, I., Kolev, I., Yordanov, D., Vasilev, S., **Atanassov, K.**, Simeonov, S., Palichev, G.. Prediction of Molecular Weight of Petroleum Fluids by Empirical Correlations and Artificial Neuron Networks. Processes, 11, 2, 2023, ISSN:22279717, DOI:10.3390/pr11020426, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	16.67
68	**Stratiev, D.**, Toteva, V., Shishkova, I., Nenov, S., Pilev, D., **Atanassov, K.**, Bureva, V., Vasilev, S., **Stratiev, D.**. Industrial Investigation of the Combined Action of Vacuum Residue Hydrocracking and Vacuum Gas Oil Catalytic Cracking While Processing Different Feeds and Operating under Distinct Conditions. Processes, 11, 11, 2023, ISSN:22279717, DOI:10.3390/pr11113174, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	33.33
69	**Stratiev, D**, Dinkov, R, Tavlieva, M, Shishkova, I, **Palichev, GN**, **Ribagin, S**, **Atanassov, K**, **Stratiev, DD**, Nenov, S, Pilev, D, Sotirov, S, Sotirova, E, Simeonov, S, Boyadzhieva, V. Correlations of HTSD to TBP and Bulk Properties to Saturate Content of a Wide Variety of Crude Oils. Processes, 2, 11, MDPI, 2023, DOI:DOI10.3390/pr11020420, JCR-IF (Web of Science):0.46 **Q2 (Web of Science)** Линк	1.000	35.71
70	**Stratiev, D**, Shishkova, I, Dinkov, R, Sotirov, S, Sotirova, E, **Atanassov, K**, **Ribagin, S**, Nikolova, R, Veli, A, **Palichev, G**, **Stratiev, DD**. Do the True Boiling-Point Distillation Yields of Crude Oil Blends Obey the Additive Blending Rule?. Processes, 11, 7, MDPI, 2023, DOI:DOI10.3390/pr11071879, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	45.45
71	**Taneva Stefka G.**, **Todinova Svetla**, **Andreeva Tonya**. Morphometric and Nanomechanical Screening of Peripheral Blood Cells with Atomic Force Microscopy for Label-Free Assessment of Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis. Int. J. Mol. Sci., 24, Elsevier, 2023, DOI:https:// doi.org/10.3390/ijms241814296, 14296. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
72	**Todorova Lyudmila**, Surchev Jivko, **Marazov Alexander**. Assessment of the factors influencing the survival of the ventricular shunt in infantile hydrocephalus. INT. J. BIOAUTOMATION, 27, 2, 2023, ISSN:1314-1902, DOI:10.7546/ijba.2023.27.2.000926, 107-116. SJR (Scopus):0.159 **Q4 (Scopus)** Линк	1.000	66.67
73	**Vassilev, P. M.**, **Stoyanov, T.**, **Todorova, L. P.**, **Marazov, A.**, **Andonov, V.**, Ikonomov, I.. Orderings over Intuitionistic Fuzzy Pairs Generated by the Power Mean and the Weighted Power Mean. Mathematics, 11, 13, MDPI, 2023, DOI:10.3390/math11132893, 2893. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	83.33
74	**Vassilev, P. M.**, **Todorova, L. P.**, Popov, E. P., Georgieva, R. N., Slavov, Ch. K., **Atanassov, K. T.**. Two New Modifications of the InterCriteria Analysis. Comptes Rendus de l'Academie Bulgare des Sciences, 76, 1, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2023, ISSN:1310-1331, DOI:10.7546/CRABS.2023.01.03, 23-34. JCR-IF (Web of Science):0.326 **Q3 (Scopus)** Линк	1.000	50.00
75	**Vassilev, P.**. Trigonometric-based operators over intuitionistic fuzzy sets. Notes on Intuitionistic Fuzzy Sets, 29, 2, 2023, DOI:10.7546/nifs.2023.29.2.85-89, 85-89 **Национално академично издателство** Линк	1.000	100.00

76	**Velitchkova M.**, **Stefanov M.**, **Popova A.V.**. Effect of Low Light on Photosynthetic Performance of Tomato Plants—Ailsa Craig and Carotenoid Mutant Tangerine. 12, Plants, 2023, DOI:https://doi.org/10.3390/plants12163000, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
77	**Xenodochidis Ch.**, Staneva D., Vasileva B., Draganova M., Miloshev G., Georgieva M., Zagorchev P.. The Photobiomodulation of MAO-A Affects the Contractile Activity of Smooth Muscle Gastric Tissues. Biomolecules, 13, 1, Multidisciplinary Digital Publishing Institute, 2023, ISSN:2218-273X, DOI:https://doi.org/10.3390/biom13010032, 32--. SJR (Scopus):1.019 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
78	**Xenodochidis, Ch.,**, Draganova, M.,, Georgieva, M.,, Miloshev, G.,, Zagorchev, P.. In Vitro Irradiation of Smooth Muscle Tissues With Led Red and Laser Near-Infrared Light Modulates Neurotransmission Pathways. J Chem Technol Metall., 58, 1, University of Chemical Technology and Metallurgy, 2023, ISSN:13147471, 13147978, 101-108. SJR (Scopus):0.253 **Q3 (Scopus)** Линк	1.000	20.00
79	**Yordanova, V.**, **Hazarosova, R.**, Vitkova, V., **Momchilova, A.**, Robev, B., **Nikolova, B.**, Krastev, P., Nuss, Ph., Angelova, M.I., **Staneva, G.**. Impact of Truncated Oxidized Phosphatidylcholines on Phospholipase A2 Activity in Mono- and Polyunsaturated Biomimetic Vesicles. International Journal of Molecular Sciences, 24, 13, MDPI, 2023, ISSN:1661-6596, DOI:10.3390/ijms241311166, 11166. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
80	**Yordanova, V.**, **Staneva, G.**, Krastev, P., **Markovska, T.**, Marinovska, A-M., **Kostadinova, A.**, **Hazarosova, R.**, **Momchilova, A.**. Lipid order of membranes isolated from erythrocytes of patients with coronary artery disease: correlation with biochemical parameters. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_14, 134-146. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	75.00
81	Abadjieva E., Alexandrova A., Tiankov T., **Giosheva I.**, **Todinova S.**. Development of Software Application in the Evaluation of Erythrocyte Aggregation Studied with Microfluidic Device. International Journal Scientific Journal Machines. Technologies., 17, 6, Scientific Technical Union of Mechanical Engineering, 2023, 228-231 **Национално неакадемично издателство**	1.000	40.00
82	Adams, JJ, Rovani, JF, Planche, JP, Loveridge, J, Literati, A, Shishkova, I, **Palichev, G**, **Kolev, I**, **Atanassov, K**, Nenov, S, **Ribagin, S**, **Stratiev, D**, Yordanov, D, Huo, JQ. SAR-AD Method to Characterize Eight SARA Fractions in Various Vacuum Residues and Follow Their Transformations Occurring during Hydrocracking and Pyrolysis. Processes, 11, 4, MDPI, 2023, DOI:DOI10.3390/pr11041220, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	35.71
83	Alexandrova A., Abadjieva E., Tiankov T., Piroeva I., Atanasova-Vladimirova S., **Langari A.**, **Todinova S.**. Modeling and Analysis of Image Data of Blood Clots Formed at Different Fibrinogen Concentration in Patients with Type 2 Diabetes Mellitus.. International Scientific Journal "Mathematical Modeling", `7, 2, Scientific Technical Union of Mechanical Engineering, 2023, ISSN:2535-0986, 65-68 **Национално неакадемично издателство**	1.000	28.57
84	Alexandrova A., Strijkova V., Abadjieva E., **Todinova S.**, **Giosheva I.**, **Langari A.**, Tiankov T.. Evaluation of the erythrocyte aggregation index in women with preeclampsia by the usage of the microfluidic device and specially developed rheological software. International Scientific Journal Industry 4.0, 5, Scientific Technical Union of Mechanical Engineering, 2023, 159-163 **Национално неакадемично издателство**	1.000	42.86
85	Anastassova N., Stefanova D., Hristova-Avakumova N., **Georgieva I.**, Kondeva-Burdina M., Rangelov M., Todorova N., **Tzoneva R.**, Yancheva D.. New Indole-3-Propionic Acid and 5-Methoxy-Indole Carboxylic Acid Derived Hydrazone Hybrids as Multifunctional Neuroprotectors. Antioxidants, 12, 4, 2023, ISSN:2076-3921, DOI:10.3390/ANTIOX12040977, JCR-IF (Web of Science):7.675 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
86	Angelova, Nora, **Atanassov, Krassimir**, **Atanassova, Vassia**. Research on intuitionistic fuzzy implications. Part 3. Notes on Intuitionistic Fuzzy Sets, 29, 4, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.4.365-370, 365-370 **Национално академично издателство** Линк	1.000	66.67
87	Angelova, V., Georgiev, B., **Pencheva, T.**, **Pajeva, I.**, Rangelov, M., Todorova, N., Zheleva-Dimitrova, D., Kalcheva-Yovkova, E., Valkova, I., Vassilev, N., Mihaylova, R., Stefanova, D., Petrov, B., Voynikov, Y., Tzankova, V.. Design, Synthesis, In Silico Studies and In Vitro Evaluation of New Indole- and/or Donepezil-like Hybrids as Multitarget-Directed Agents for Alzheimer's Disease. Pharmaceuticals, 16, 9, MDPI, 2023, DOI:10.3390/ph16091194, 1194. JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	13.33
88	Baccouch, Rim, Shi, Yarong, Vernary, Emilie, Mathelie-Guinlet, Marion, Taib-Maamar, Nada, Villette, Sandrine, Feuillie, Cecile, Rascol, Estelle, Nuss, Philippe, Lecomte, Sophie, Molinari, Michael, **Staneva, Galya**, Alves, Isabel D.. The impact of lipid polyunsaturation on the physical and mechanical properties of lipid membranes. Biochimica et Biophysica Acta - Biomembranes, 1865, 2, Elsevier, 2023, ISSN:00052736, DOI:DOI 10.1016/j.bbamem.2022.184084, Article nu. JCR-IF (Web of Science):4.019 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	7.69
89	Bachvarov K., Strijkova V., Antonova B., Jordanova M., Dimitrov Y., **Todinova S.**. Characterizing Morphometric and Nanomechanical Malignant Cell Features in a Rare Paediatric γδ T-acute Lymphoblastic Leukaemia: Insights from a Single Case Study Using Atomic Force Microscopy. INT.J. BIOAUTOMATION, 27, 4, 2023, ISSN:1314-2321, DOI:10.7546/ijba.2023.27.4.000949, 227-238. SJR (Scopus):0.159 **Q4 (Scopus)** Линк	1.000	16.67

90	Bag P., Shutova T., Shevela D., Lihavainen J., Nanda S., **Ivanov A.G.**, Messinger J., Jansson S.. Flavodiiron-mediated O2 photoreduction at photosystem I acceptor-side provides photoprotection to conifer thylakoids in early spring. Nature Communications, 14, Nature Research, 2023, ISSN:20411723, DOI:10.1038/s41467-023-38938-z, SJR (Scopus):5.1, JCR-IF (Web of Science):16.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
91	Bakalova, R.,, Lazarova, D.,, Sumiyoshi, A.,, Shibata, S.,, **Zhelev, Zh.,**, **Nikolova, B.,**, **Semkova, S.,**, Vlaykova, T.,, Aoki, I.,, Higashi, T.,. Redox-Cycling "Mitocans" as Effective New Developments in Anticancer Therapy. International Journal of Molecular Sciences, 24, 9, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24098435, 8435. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	30.00
92	Bryaskova R., Georgiev N., Philipova N., Bakov V., Anichina K., Argirova M., **Apostolova S.**, **Georgieva I.**, **Tzoneva R.**. Novel Fluorescent Benzimidazole-Hydrazone-Loaded Micellar Carriers for Controlled Release: Impact on Cell Toxicity, Nuclear and Microtubule Alterations in Breast Cancer Cells. Pharmaceutics, 15, 6, MDPI, 2023, ISSN:19994923, DOI:10.3390/pharmaceutics15061753, JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
93	Bureva, V., **Atanassov, K.**, Mersinkova, Y., **Stratiev, D.**. Evaluating the performance of catalyst and feedstocks in the fluid catalytic cracking process: Application of InterCriteria Analysis with weight coefficients of the objects. Notes on Intuitionistic Fuzzy Sets, 29, 2, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.2.166-177, 166-177 **Национално академично издателство** Линк	1.000	50.00
94	Bureva, V., Petrov, P., **Andonov, V.**, **Atanassov, K.**. Intuitionistic Fuzzy Evaluation of User Requests Frequency. Lecture Notes in Networks and Systems, 2023, ISSN:23673370, 15-21. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	50.00
95	Bureva, Veselina, **Atanassov, Krassimir**. n-dimensional intuitionistic fuzzy index matrix representation of multidimensional data partitioning methods. Notes on Intuitionistic Fuzzy Sets, 29, 4, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.4.411-417, 411-417 **Национално академично издателство** Линк	1.000	50.00
96	Diadovski, I., **Petrov, M.**, **Ilkova, T**. Methods for Modelling of River Ecosystems. **Avangard Prima Ltd.,** 2023, ISBN:978-619-239-937-5, 1-232 **Друго -** МОНОГРАФИЯ - рецензирана	1.000	66.67
97	Dilnawaz F., Misra A.N., **Apostolova E.**. Involvement of nanoparticles in mitigating plant's abiotic stress. Plant Stress, 10, 2023, JCR-IF (Web of Science):5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
98	Dimitrov S., Slavchev I., Simeonova R., Mileva M., **Pencheva T.**, Philipov S., Georgieva A., Tsvetanova E., Teneva Y., Rimpova N., Dobrikov G., Valcheva V.. Evaluation of Acute and Sub-acute Toxicity, Oxidative Stress and Molecular Docking of Two Nitrofuranyl Amides as Promising Anti-Tuberculosis Agents. Biomolecules, 13, 1174, 2023, DOI:DOI: 10.3390/biom13081174, JCR-IF (Web of Science):5.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
99	Dinarelli S., Longo G., **Taneva S.G.**, **Todinova S.**, **Krumova S.**, Girasole M.. Surprising Structural and Functional Properties of Favism Erythrocytes Are Linked to Special Metabolic Regulation: A Cell Aging Study. Int. J. Mol. Sci., 24, 2023, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
100	Fidanova, S., **Atanassov, K.**, Kirilov, L., Slavova, V., Ivanov, V.. Generalized net model of the consequences of earthquake. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_28, 281-292. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	20.00
101	Fidanova, S., **Atanassov, K.**. Ant Algorithm for GPS Surveying Problem with Fuzzy Pheromone Updating. Lecture Notes in Computer Science, 13858, Springer, 2023, ISSN:03029743, DOI:10.1007/978-3-031-32412-3_11, 127-133. SJR (Scopus):0.32 **Q4 (Scopus)** Линк	1.000	50.00
102	Fidanova, S., **Atanassov, K.**. New Ant Colony Optimization Including Weights. Studies in Computational Intelligence, Springer, 2023, ISSN:1860949X, DOI:10.1007/978-3-031-42010-8_7, 66-72. SJR (Scopus):0.237 **Q4 (Scopus)** Линк	1.000	50.00
103	Foteva Ts., **Vukova T.**, Rangelova N., Georgieva N., **Tzoneva R.**. CYTOTOXICITY OF COPPER DOPED SiO2-HYDROXYPROPYL CELLULOSE COMPOSITES ON CANCER AND NON-CANCEROUS CELLS. Journal of Chemical Technology and Metallurgy, 3, University of Chemical Technology and Metallurgy, 2023, 602-607. JCR-IF (Web of Science):0.253 **Q3 (Web of Science)** Линк	1.000	40.00
104	Georgieva M, **Xenodochidis C**, **Krasteva N**. Old age as a risk factor for liver diseases: Modern therapeutic approaches. Experimental Gerontology, 184, Elsevier, 2023, ISSN:05315565, DOI:https://doi.org/10.1016/j.exger.2023.112334, SJR (Scopus):0.94, JCR-IF (Web of Science):3.9 **Q2 (Web of Science)** Линк	1.000	66.67
105	Georgieva, K., Mihailova, G., Gigova, L., **Popova, A.V.**, **Velitchkova, M.**, Simova-Stoilova, L., Sági-Kazár, M., Zelenyánszki , H., Solymosi, K., Solti, A.. Antioxidative Defense, Suppressed Nitric Oxide Accumulation, and Synthesis of Protective Proteins in Roots and Leaves Contribute to the Desiccation Tolerance of the Resurrection Plant Haberlea rhodopensis. Plants, 12, 2834, MDPI, 2023, DOI:https://doi.org/10.3390/plants12152834, 1-22. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
106	Gospodinova Z., Antov G., Novakovic M, Tesevic V., **Krasteva N.**, Pavlov D., Valcheva-Kuzmanova S.. Antiproliferative Activity of Natural Flavonoid Fustin Isolated from the Heartwood of Cotinus Coggygria Scop. Against Breast and Colon Cancer Cell	1.000	14.29

	Lines. Acta Medica Bulgarica, 50, 1, Walter de Gruyter, 2023, ISSN:03241750, DOI:10.2478/amb-2023-0004, 27-33. SJR (Scopus):0.119 **Q4 (Scopus)** Линк		
107	Hüner N.P.A., Szyszka-Mroz B., **Ivanov A.G.**, Kata V., Lye H., Smith D.R.. Photosynthetic adaptation and multicellularity in the Antarctic psychrophile, Chlamydomonas priscuii. Algal Research, 74, 2023, ISSN:22119264, DOI:10.1016/j.algal.2023.103220, SJR (Scopus):0.89, JCR-IF (Web of Science):5.1 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
108	Ignatova, V., **Atanassov, K.**. Generalized net model of the vegetative (autonomic) innervation of gastrointestinal tract.. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_25, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	50.00
109	Iliev, I.,, Mavrova, A.,, Yancheva, D.,, Dimov, S.,, **Staneva, G.,**, **Nesheva, A.,**, **Tsoneva, I.,**, **Nikolova, B**. 2-Alkyl-Substituted-4-Amino-Thieno[2,3- d]Pyrimidines: Anti-Proliferative Properties to In Vitro Breast Cancer Models. Molecules, 28, (17), MDPI, 2023, ISSN:1420-3049, DOI:10.3390/molecules28176347, 6347. JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
110	Ivanova, D.,, **Semkova, S.,**, Yaneva, Z.,, **Nikolova, B.,**, **Zhelev, Zh.,**, Bakalova, R.,, Aoki, I.. Docosahexaenoic Acid Potentiates the Anticancer Effect of the Menadione/Ascorbate Redox Couple by Increasing Mitochondrial Superoxide and Accelerating ATP Depletion. Anticancer research, 43, 3, 2023, 1213-1220. JCR-IF (Web of Science):2.435 **Q2 (Web of Science)** Линк	1.000	42.86
111	Ivanova, D.,, Nikolova, G.,, Karamalakova, Y.,, **Semkova, S.,**, Marutsova, V.,, Yaneva, Z.. Water-Soluble Alkali Lignin as a Natural Radical Scavenger and Anticancer Alternative. International Journal of Molecular Sciences, 24, 16, MDPI, 2023, ISSN:1422-0067, DOI:https://doi.org/10.3390/ijms241612705, 12705. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	16.67
112	Ivanova, D.,, Toneva, M.,, Simeonov, E.,, **Nikolova, B.,**, **Semkova, S.,**, **Antov, G.,**, Yaneva, Z.. Newly Synthesized Lignin Microparticles as Bioinspired Oral Drug-Delivery Vehicles: Flavonoid-Carrier Potential and In Vitro Radical-Scavenging Activity. Pharmaceutics, 15, 4, MDPI, 2023, 1067. JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата** Линк	1.000	42.86
113	Ivanova, I., Toshkovska, R., Yocheva, L., **Benkova, D.**, **Yordanova, V.**, **Nesheva, A.**, **Hazarosova, R.**, **Staneva, G.**, **Kostadinova, A.**. Stress response of gram-positive and gram-negative bacteria induced by metal and non-metal nanoparticles. In search of smart antimicrobial agents. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_15, 147-155. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	66.67
114	Karabelyov V., Angelova V. T., Sharkov M., Mihaylova R., Popov G., **Pencheva T.**, Manov V., Dangalov M., Todorova N., Kondeva-Burdina M.. In vitro/in vivo Effects of Some New 2,5-disubstituted 1,3,4-oxadiazole and Hydrazone Analogues Targeting Parkinson's Disease,. Journal of Molecular Structure, 1288, 135755, 2023, DOI:https://doi.org/10.1016/j.molstruc.2023.135755, JCR-IF (Web of Science):3.8 **Q2 (Web of Science)** Линк	1.000	10.00
115	Komsa-Penkova R., **Krumova S.**, **Langari A.**, **Giosheva I.**, Gartcheva L., **Danailova A.**, **Topalova L.**, **Stoyanova T.**, **Strijkova V.**, Savov A., **Todinova S.**. Blood Plasma Calorimetric Profiles of Women withPreeclampsia: Effect of Oxidative Stress. Antioxidants, 12, 5, MDPI, 2023, DOI:https://doi.org/10.3390/antiox12051032, SJR (Scopus):1.084, JCR-IF (Web of Science):7.675 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	72.73
116	Komsa-Penkova R., Yordanova A., Tonchev P., Kyurkchiev S., **Todinova S.**, **Strijkova V.**, Iliev M., Dimitrov B., Altankov G.. Altered Mesenchymal Stem Cells Mechanotransduction from Oxidized Collagen: Morphological and Biophysical Observations. Int J Mol Sci ., 24, 4, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24043635, SJR (Scopus):1.176 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
117	Lahmar I., Radeva, G., Marinkova, D., **Velitchkova, M.**, Yotova, L.. Exponential Equation Describing Kinetic Process of Immobilized β-Amylase Extracted from Glycine max Seeds. Chemistry Africa, Springer, 2023, DOI:https://doi.org/10.1007/s42250-023-00721-4, JCR-IF (Web of Science):2.6 **Q3 (Web of Science)** Линк	1.000	20.00
118	Lahmar, I-, **Velitchkova. M-**, Radeva, M., Marinkova, D., Yotova, L.. β-Amylase Squirting Cucumber Between Immobilization, Kinetic Modeling and Application for Maltose Syrup Production.. Chemistry Africa, Sprimger, 2023, DOI:https://doi.org/10.1007/s42250-023-00833-x, JCR-IF (Web of Science):2.6 **Q3 (Web of Science)** Линк	1.000	20.00
119	Liao, T., Zhao, J., Liu, Y., **Ivanov, K.**, Xiong, J., Yan, Y.. Deep Transfer Learning with Graph Neural Network for Sensor-Based Human Activity Recognition. Proceedings - 2022 IEEE International Conference on Bioinformatics and Biomedicine, BIBM 2022, IEEE, 2023, ISBN:978-1-6654-6819-0, DOI:10.1109/BIBM55620.2022.9995660, 2445-2452 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	16.67
120	Lubich, M., Popov, E., Georgieva, R., Dmitrenko, D., Bojkov, B., Slavov, Ch., **Todorova, L.**, **Atanassova, V.**, **Vassilev, P.**, **Atanassov, K.**. A Generalized Net Model of Some Nephrological Diseases. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_18, 200-206. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	40.00
121	Martinov Boris, Pavlova Elitsa, Ivanova Iliana, Yocheva,Lyubomira, **Kostadinova Anelia**, Staneva Anna. BIOLOGICAL ACTIVITY OF GRAPHENE NANOCOMPOSITES WITH ZINC OXIDE, Cu AND Ag NANOPARTICLES. Journal of Chemical Technology and Metallurgy, 58, 2, University of Chemical Technology and Metallurg, 2023, ISSN:13147471, 327-339. SJR (Scopus):0.2 **Q3 (Scopus)** Линк	1.000	16.67

122	Mavrov, D., Popov, S., Nenov, V., **Stratiev, D.**. Evaluating the performance of catalyst and feedstocks in the fluid catalytic cracking process: Application of InterCriteria Analysis with weight coefficients of the criteria. Notes on Intuitionistic Fuzzy Sets, 29, 2, 2023, DOI:10.7546/nifs.2023.29.2.178-196, 178-196 **Национално академично издателство** Линк	1.000	25.00
123	Naydenov S, **Jekova I**, **Krasteva V**. Recognition of Supraventricular Arrhythmias in Holter ECG Recordings by ECHOView Color Map: A Case Series Study. Journal of Cardiovascular Development and Disease, 10, 9, MDPI, 2023, ISSN:2308-3425, DOI:10.3390/jcdd10090360, 360-24 pages. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
124	Parvathi R., Nivedhaa R.K., **Atanassova, V.**. The role of operations over intuitionistic fuzzy index matrices in color image analysis. Notes on Intuitionistic Fuzzy Sets, 29, 2, Prof. Marin Drinov Academic Publishing House, 2023, DOI:10.7546/nifs.2023.29.2.218-230, 218-230 **Национално академично издателство** Линк	1.000	33.33
125	Petrov B., Petrov P., Alexov S., Hadzhiev G., **Vukova T.**. Laparoscopic treatment of primary colon melanoma: a case study. American Journal of Case Reports, v 24, International Scientific Literature, Inc, 2023, e938914. SJR (Scopus):0.271, JCR-IF (Web of Science):1.07 **Q3 (Scopus)** Линк	1.000	20.00
126	Petrov P., **Angelova S.**, Raykov P., Paunski Y.. Autonomous Controller for an Active Elbow Orthosis. Complex Control Systems ISSN 1310-8255, 2023 **Друго** Линк	1.000	25.00
127	Popov, E., Georgieva, R., Dmitrenko, D., Bojkov, B, Slavov, C., Lubich, M., **Vassilev, P.**, **Atanassova, V.**, **Todorova, L.**, **Atanassov, K.**. Generalized Net Model of the Prostate Cancer Early Stages of Development. 2nd International Symposium on Bioinformatics and Biomedicine, BioInfoMed 2022. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_24, 246-252. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	40.00
128	Qubian A., Abbas A.S., Al-Khedhair N.,, Peres J.F., **Stratiev D.**, Shishkova I., Nikolova R., Toteva V., Riazi M.R.. Screening and Investigation on Inhibition of Sediment Formation in a Kuwait Light Crude Oil by Commercial Additives with Some Guidelines for Field Applications. Processes, 11, 3, MDPI, 2023, DOI:10.3390/pr11030818, 818. SJR (Scopus):0.53, JCR-IF (Web of Science):3.5 **Q2 (Scopus)** Линк	1.000	11.11
129	Reyes-Díaz M., González-Villagra J., Ulloa-Inostroza E.M., Delgado M., Inostroza-Blancheteau C., **Ivanov A.G.**. Phytohormone Involvement in Plant Responses to Soil Acidity. Plant Hormones and Climate Change, Springer, Singapore, 2023, ISBN:Print ISBN 978-981-19-4940-1, DOI:DOI: 10.1007/978-981-19-4941-8_13, 23, 301-323 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	16.67
130	Robev, B.,, Iliev, I.,, **Tsoneva, I.,**, **Momchilova, A.,**, **Nesheva, A.,**, **Kostadinova, A.,**, **Staneva, G.,**, **Nikolova, B.**. Antitumor Effect of Iscador on Breast Cancer Cell Lines with Different Metastatic Potential. International Journal of Molecular Sciences, 24, 6, MDPI, 2023, 5247. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
131	Sándor, József, **Atanassov, Krassimir**. On certain arithmetical functions of exponents in the factorization of integers. Notes on Number Theory and Discrete Mathematics, 29, 2, 2023, DOI:10.7546/nntdm.2023.29.2.378-388, 378-388. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	50.00
132	Sotirov, S., Krawczak, M., **Petkova, D.**, **Atanassov, K.**. Intuitionistic fuzzy neural network with filtering functions. An index matrix interpretation. Notes on Intuitionistic Fuzzy Sets, 29, 2, 2023, ISSN:1310-4926, 231-238 **Национално академично издателство**	1.000	50.00
133	Sotirova, E., Bozov, H., Petrova, Y., Bozova, G., **Atanassov, K.**. Generalized net model of the malignant melanoma treatment. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_23, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	20.00
134	Sotirtova, E., Bozov, H., Sotirov, S., Bozova, G., **Ribagin, S.**, Gonchev, V.. Multicriteria Analysis of Oncology Data During the Covid Pandemic. Lecture Notes in Networks and Systems, 658, Springer International Publishing AG, 2023, 111-118. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	16.67
135	Stoyancheva G., Kabaivanova L., Hubenov V., **Chorukova E.**. Metagenomic Analysis of Bacterial, Archaeal and Fungal Diversity in Two-Stage Anaerobic Biodegradation for Production of Hydrogen and Methane from Corn Steep Liquor. 11, 5, Microorganisms, 2023, ISSN:2076-2607, DOI:https://doi.org/10.3390/microorganisms11051263, JCR-IF (Web of Science):4.782 **Q2 (Web of Science)** Линк	1.000	25.00
136	Sulikovska, I.,, Ivanova, E.,, Ivanov, I.,, Tasheva, D.,, Dimitrova, M.,, **Nikolova, B.,**, **Iliev, I.,**. Study on the Phototoxicity and Antitumor Activity of Plant Extracts from Tanacetum vulgare L., Epilobium parviflorum Schreb., and Geranium sanguineum L.. International Journal Bioautomation, 27, 1, 2023, 39-50. SJR (Scopus):0.198 **Q4 (Scopus)** Линк	1.000	28.57
137	Sumiyoshi A., Shibata S., Lazarova D., **Zhelev Zh.**, Aoki I., Bakalova R.. Tolerable treatment of glioblastoma with redox-cycling 'mitocans': a comparative study in vivo. Redox Report, 28, 1, Taylor and Francis Ltd., 2023, ISSN:13510002, DOI:10.1080/13510002.2023.2220531, 2220531. SJR (Scopus):0.925 **Q2 (Scopus)** Линк	1.000	16.67
138	Tchekalarova J., **Georgieva I.**, **Tzoneva R.**, Angelova V.. Aggregated amyloid-beta1-42 infusion following pinealectomy induces Alzheimer's diseases in rats in a week:behavioral and biochemical impairments. Alzheimer's and Dementia, 19, S24,	1.000	50.00

	2023, ISSN:1552-5279, DOI:10.1002/ALZ.082270, SJR (Scopus):3.29 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк		
139	Tchekalarova J., **Tzoneva R.**. Oxidative Stress and Aging as Risk Factors for Alzheimer's Disease and Parkinson's Disease: The Role of the Antioxidant Melatonin. International Journal of Molecular Sciences, MDPI, 2023, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
140	Teneva I, **Velikova V**, Belkinova D, Moten D, Dzhambazov B. Allelopathic potential of the cyanotoxins Microcystin-LR and Cylindrospermopsin on green algae. Plants, 12, 6, MDPI, 2023, DOI:https://doi.org/10.3390/plants12061403, 1403. JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата** Линк	1.000	20.00
141	Tonev, D., **Momchilova, A.**. Oxidative Stress and the Nuclear Factor Erythroid 2-Related Factor 2 (Nrf2) Pathway in Multiple Sclerosis: Focus on Certain Exogenous and Endogenous Nrf2 Activators and Therapeutic Plasma Exchange Modulation. Int J Mol Sci, 24, 24, MDPI, 2023, ISSN:1422-0067, DOI:https://doi.org/10.3390/ijms242417223, 17223-17243. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
142	Tonev, D., **Momchilova, A.**. Therapeutic Plasma Exchange and Multiple Sclerosis Dysregulations: Focus on the Removal of Pathogenic Circulatory Factors and Altering Nerve Growth Factor and Sphingosine-1-Phosphate Plasma Levels. Curr Issues Mol Biol, 45, 10, MDPI, 2023, DOI:https://doi.org/10.3390/cimb45100489, 7749-7774. JCR-IF (Web of Science):3.1 **Q2 (Web of Science)** Линк	1.000	50.00
143	Tonev, D., **Momchilova, A.**. Therapeutic Plasma Exchange in Certain Immune-Mediated Neurological Disorders: Focus on a Novel Nanomembrane-Based Technology. Biomedicines, 11, 2, MDPI, 2023, DOI:https://doi.org/10.3390/biomedicines11020328, 328-349. JCR-IF (Web of Science):4.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
144	Vassilev, V., Hlebarov, H., **Ribagin, S.**, **Atanassov, K.**. InterCriteria Analysis of Data Obtained from Patients with Hypercholesterolemia Treated with Linoprixol. 2nd International Symposium on Bioinformatics and Biomedicine, BioInfoMed 2022, 658, Lecture Notes in Networks and Systems, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_8, 65-71. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	50.00
145	Vezenkov Lyubomir, Daniela S Tsekova, Ivanka Kostadinova, Rositsa Mihaylova, Valentin Lozanov, Nikolay G Vassilev, Nikolai Danchev, **Ivanka Tsakovska**, **Ilza Pajeva**. Synthesis and Biological Study of 4-Aminopyridine-Peptide Derivatives Designed for the Treatment of Neurodegenerative Disorders. Current Alzheimer Research, 20, 2, Bentham Science Publishers, 2023, ISSN:1567-2050, DOI:10.2174/1567205020666230602142012, 120-129. JCR-IF (Web of Science):2.1 **Q2 (Scopus)** Линк	1.000	22.22
146	Vilhelmova-Ilieva Neli, Danova Svetla, Petrova Zdravka, Dobreva Lili, Atanasov Georgi, **Mancheva Kapka**, Simeonova Lora. Protective and therapeutic capacities of lactic acid bacteria postmetabolites against Koi herpesvirus infection in vitro. Life, 13, 3, mdpi, 2023, ISSN:2075-1729, DOI:doi.org/10.3390/life13030739, 739-749. SJR (Scopus):3.132, JCR-IF (Web of Science):3.253 **Q2 (Web of Science)** Линк	1.000	14.29
147	Yan, Y., Ma, L., Liu, Y.-S., **Ivanov, K.**, Wang, J.-H., Xiong, J., Li, A., He, Y., Wang, L.. Topological EEG-Based Functional Connectivity Analysis for Mental Workload State Recognition. IEEE Transactions on Instrumentation and Measurement, 72, IEEE, 2023, ISSN:0018-9456, DOI:10.1109/TIM.2023.3265114, 4005714. SJR (Scopus):1.397, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11
Коригиран брой: 147.000			

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

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№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Alov, P.**, **Pajeva, I.**, **Tsakovska, I.**, **Pencheva, T.**. Comparison of Docking Scoring Functions by InterCriteria Analysis on a Set of Protein Targets Related to Alzheimer and Parkinson Diseases. Sotirov, S., Pencheva, T., Kacprzyk, J., Atanassov, K.T., Sotirova, E., Ribagin, S. (eds) Recent Contributions to Bioinformatics and Biomedical Sciences and Engineering. Lecture Notes in Networks and Systems, 658, Springer, Cham., 2023, ISBN:978-3-031-31068-3, DOI:10.1007/978-3-031-31069-0_11, 98-110. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
2	**Andreeva Tonya**, Drieschner T., Golovko D.S., Lorenz A., Rebner K., Krastev R.. Process validation and a new method for quality control of ultrathin polyelectrolyte multilayer coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 676, A, Elsevier, 2023, DOI:10.1016/j.colsurfa.2023.132157, 132157. JCR-IF (Web of Science):5.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
3	**Angelova M.**,, **Roeva, O.**, **P. Vassilev**,, **T. Pencheva**. Multi-population Genetic Algorithm and Cuckoo Search Hybrid Technique for Parameter Identification of Fermentation Processes Models. Processes, 11, MDPI, 2023, ISSN:2227-9717, DOI:https://doi.org/10.3390/pr11020427, 427. JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	100.00
4	**Apostolova E.L.**. Molecular mechanisms of plant defense against abiotic stress. International Journal Molecular Science, 24, 12, MDPI, 2023, SJR (Scopus):1.154, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
5	**Apostolova S.**, Oreshkova T., **Uzunova V.**, **Georgieva I.**, **Maslenkova L.**, **Tzoneva R.**. A Standardized Extract of Petasites hybridus L., Containing the Active Ingredients Petasins, Acts as a Pro-Oxidant and Triggers Apoptosis through Elevating of NF-κB in a Highly Invasive Human Breast Cancer Cell Line. Frontiers in Bioscience (Landmark edition), 28, 6, IMR Press Limited, 2023, ISSN:27686698, DOI:10.31083/j.fbl2806111, JCR-IF (Web of Science):3.1 **Q2 (Scopus)** Линк	1.000	83.33
6	**Atanassov K.**, Angelova N., **Pencheva T.**. On Two Intuitionistic Fuzzy Modal Topological Structures. Axioms, 5, 408, 12, 2023, DOI:https://doi.org/10.3390/axioms12050408, JCR-IF (Web of Science):2 **Q2 (Web of Science)** Линк	1.000	66.67
7	**Atanassov K.**, Sotirov S., **Pencheva T.**. Intuitionistic Fuzzy Deep Neural Network. Mathematics, 11, 716, 2023, DOI:https://doi.org/10.3390/math11030716, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67

8	**Atanassov, K.**, Tsvetkov, R.. New intuitionistic fuzzy operations, operators and topological structures. IRANIAN JOURNAL OF FUZZY SYSTEMS, 20, 7, 2023, ISSN:17350654, DOI:10.22111/IJFS.2023.7629, JCR-IF (Web of Science):1.8 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
9	**Atanassov, K.**. Intuitionistic Fuzzy Modal Topological Structures Based on Two New Intuitionistic Fuzzy Modal. Lecture Notes in Networks and Systems, 758, 2023, ISSN:23673370, DOI:10.1007/978-3-031-39774-5_2, 11-21. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
10	**Atanassov, K.**. Objects generated by an arbitrary natural number. Part 3: Standard modal-topological aspect. Notes on Number Theory and Discrete Mathematics, 29, 1, 2023, ISSN:2367–8275, DOI:10.7546/nntdm.2023.29.1.171-180, 171-180. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
11	**Atanassov, K.**. On Intuitionistic Fuzzy Extended Modal Topological Structures. Lecture Notes in Networks and Systems, 793 LNNS, Springer, 2023, ISBN:978-303145068-6, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_1, 3-14. SJR (Scopus):0.7 **Q4 (Scopus)** Линк	1.000	100.00
12	**Atanassov, K.**. On Intuitionistic Fuzzy Temporal Topological Structures. Axioms, 12, 2, 2023, ISSN:20751680, DOI:10.3390/axioms12020182, JCR-IF (Web of Science):2 **Q2 (Web of Science)** Линк	1.000	100.00
13	**Atanassov, Krassimir**, Sándor, József. On a modification of Set(n). Notes on Number Theory and Discrete Mathematics, 29, 4, 2023, DOI:10.7546/nntdm.2023.29.4.813-819, 813-819. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	50.00
14	**Atanassov, Krassimir**. Objects generated by an arbitrary natural number. Part 4: New aspects. Notes on Number Theory and Discrete Mathematics, 29, 3, 2023, DOI:10.7546/nntdm.2023.29.3.589-597, 589-597. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
15	**Atanassov, Krassimir**. On tertions and other algebraic objects. Notes on Number Theory and Discrete Mathematics, 29, 4, 2023, DOI:10.7546/nntdm.2023.29.4.861-880, 861-880. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
16	**Atanassova, Vassia**, Andreev, Nikolay, **Dimitriev, Angel**. ABO System Blood Groups Distribution in Bulgaria, Based on a Dataset of the Patients of the University Hospital "Saint Anna", Sofia, Bulgaria, from 2015 to 2021. 2nd International Symposium on Bioinformatics and Biomedicine, BioInfoMed 2022. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_9, 72-83. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
17	**Atanassova, Vassia**, Andreev, Nikolay, **Dimitriev, Angel**. InterCriteria Analysis of the Geographic Distribution of the ABO System Blood Groups in the Patients of the University Hospital "Saint Anna", Sofia, Bulgaria, from 2015 to 2021. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_10, 84-97. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
18	**Beleva, Elina A.**. Splanchnic Vein Thrombosis in Myelofibrosis—An Underappreciated Hallmark of Disease Phenotype. International Journal of Molecular Sciences, 24, 21, MDPI, 2023, DOI:https://doi.org/10.3390/ijms242115717, 15717. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
19	**Danailova A.**, **Todinova S.**, Gartcheva L., Bogdanova D., Zlatareva E., Kalaydzhiev N., Milanov I., **Krumova S.**, **Taneva S.G.**. Thermodynamic Signatures of Blood Plasma Proteome in Neurodegenerative Pathologies. Int. J. Mol. Sci., 24, 2023, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	44.44
20	**Dimitrov ,S. I.**. Lower bounds on expressions dependent on functions φ(n), ψ(n) and σ(n). Notes on Number Theory and Discrete Mathematics, 29, 4, "Prof. Marin Drinov" Publishing House of Bulgarian Academy of Sciences., 2023, ISSN:ISSN 1310-5132 (print), 2367-8275 (online), DOI:https://doi.org/10.7546/nntdm.2023.29.4.713-716, JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	100.00
21	**Dimitrov ,S. I.**. Prime numbers of the form [n^c tan^θ(log n)]. Indian J. Pure Appl. Math., Springer Nature, 2023, ISSN:ISSN : 0019-5588 (print), 0975-7465 (online), DOI:https://doi.org/10.1007/s13226-023-00420-3, JCR-IF (Web of Science):0.7 **Q3 (Web of Science)** Линк	1.000	100.00
22	**Dimitrov A. G.**. Resting membrane state as an interplay of electrogenic transporters with various pumps. Pflugers Arch. - Eur. J. Physiol., 475, 9, Springer, 2023, DOI:https://doi.org/10.1007/s00424-023-02838-4, 1113-1128. SJR (Scopus):1.127, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
23	**Dobrev D**, **Neycheva T**. Intuitive Approach to Active Digital Filter Design. Part I: Principle of First-order Filters. XXXII International Scientific Conference Electronics (ET), 32, IEEE, 2023, ISBN:979-835030200-4, DOI:10.1109/ET59121.2023.10279456, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
24	**Dobrikova A.**, **Gospodinova Z.**, **Stefanov M.**, **Apostolova E.**, **Krasteva N.**. Phytochemical analysis and assessment of the antioxidant activity and cytotoxicity potential of hydroethanolic extract of bulgarian Sideritis scardica.. J. Chem. Technol. Metall., 58, 1, University of Chemical Technology and Metallurgy, 2023, SJR (Scopus):0.2 **Q3 (Scopus)** Линк	1.000	100.00
25	**Dobrikova A.G.**. Abiotic Stress Tolerance in Crop and Medicinal Plants. Plants, 12, 24, MDPI, 2023, DOI:10.3390/plants12244167, 4167. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00

26	**Georgiev, BE**, **Stratiev, DS**, Argirov, GS, Nedelchev, A, Dinkov, R, Shishkova, IK, Ivanov, M, **Atanassov, K**, **Ribagin, S**, **Palichev, GN**, Nenov, S, Sotirov,, Sotirova, E, Pilev, D, **Stratiev, DD**. Commercial Ebullated Bed Vacuum Residue Hydrocracking Performance Improvement during Processing Difficult Feeds. APPLIED SCIENCES-BASEL, 13, 6, MDPI, 2023, DOI:DOI10.3390/app13063755, JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	40.00
27	**Georgieva I.**, Tchekalarova J., Iliev D., **Tzoneva R.**. Endothelial Senescence and Its Impact on Angiogenesis in Alzheimer's Disease. International Journal of Molecular Sciences, 24, 14, MDPI, 2023, ISSN:1422-0067, DOI:10.3390/ijms241411344, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
28	**Giosheva I**, **Strijkova V**, Komsa-Penkova R, **Krumova S**, **Langari A**, **Danailova A**, **Taneva SG**, **Stoyanova T**, **Topalova L**, Gartchev E, Georgieva G, **Todinova S**. Membrane Lesions and Reduced Life Span of Red Blood Cells in Preeclampsia as Evidenced by Atomic Force Microscopy. Int J Mol Sci ., 24, 8, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24087100, SJR (Scopus):1.154, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	75.00
29	**Hazarosova, R.**, **Momchilova, A.**, Vitkova, V., **Yordanova, V.**, **Kostadinova, A.**, Angelova, M.A., Tessier, C., Nuss, P., **Staneva, G.**. Structural Changes Induced by Resveratrol in Monounsaturated and Polyunsaturated Phosphatidylcholine-Enriched Model Membranes. Membranes, 13, 909, MDPI, 2023, ISSN:20770375, DOI:10.3390/membranes13120909, 1-21. SJR (Scopus):0.49, JCR-IF (Web of Science):4.2 **Q2 (Web of Science)** Линк	1.000	55.56
30	**Ivanov K**, **Jekova I**, **Krasteva V**. Convolutional Autoencoder for Filtering of Power-Line Interference with Variable Amplitude and Frequency: Study of 12-Lead PTB-XL ECG Database. Lecture Notes in Networks and Systems, 658, Springer, Cham, 2023, ISBN:978-3-031-31068-3, ISSN:2367-3370, DOI:10.1007/978-3-031-31069-0_13, 121-133. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
31	**Kolev I.**, **Stratiev D.**, Shishkova I., **Atanassov K.**, **Ribagin S.**, Sotirov S., Sotirova E., **Stratiev D.D.**. Effect of Crude Oil Quality on Properties of Hydrocracked Vacuum Residue and Its Blends with Cutter Stocks to Produce Fuel Oil. Processes, 11, 6, MDPI, 2023, ISSN:22279717, DOI:https://doi.org/10.3390/pr11061733, SJR (Scopus):0.53, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	62.50
32	**Krasteva V**, **Jekova I**. Rhythm Analysis During Cardio-Pulmonary Resuscitation with Convolutional and Recurrent Neural Networks Using ECG and Optional Impedance Input. Lecture Notes in Networks and Systems, 658, Springer, Cham, 2023, ISBN:978-3-031-31068-3, ISSN:2367-3370, DOI:10.1007/978-3-031-31069-0_1, 3-15. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00
33	**Krasteva V**, Didon JP, Ménétré S, **Jekova I**. Deep Learning Strategy for Sliding ECG Analysis during Cardiopulmonary Resuscitation: Influence of the Hands-Off Time on Accuracy. Sensors, 23, 9, MDPI, 2023, ISSN:1424-8220, DOI:10.3390/s23094500, 4500. JCR-IF (Web of Science):3.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
34	**KRUMOVA S.**, PETROVA A., KOLEVA D., **PETROVA S.**, **STOICHEV S.**, **PETROVA N.**, TSONEV T., PETROV P., **VELIKOVA V.**. Priming of Pisum sativum seeds with stabilized Pluronic P85 nanomicelles: effects on seedling development and photosynthetic function. PHOTOSYNTHETICA, 61 (SI), 2023, DOI:10.32615/ps.2023.033, 28-36. SJR (Scopus):0.584, JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	55.56
35	**Krumova, S.**, Petrova, A., **Petrova, N.**, **Stoichev, S.**, Ilkov, D., Tsonev, T., Petrov, P., Koleva, D., **Velikova V.**. Seed Priming with Single-Walled Carbon Nanotubes Grafted with Pluronic P85 Preserves the Functional and Structural Characteristics of Pea Plants. Nanomaterials, 13, MDPI, 2023, DOI:https://doi.org/10.3390/ nano13081332, 1332. JCR-IF (Web of Science):5.719 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	44.44
36	**Mancheva Kapka**, Danova Svetla, Vilhelmova-Ilieva Neli, Simeonova Lora, Dobreva Lili, Atanasov Georgi. Koi herpesvirus highlights and potential of probiotics to reduce or even to prevent Koi herpesvirus infection. Acta Microbiologica Bulgarica, 39, 2, Bulgarian Society for Microbiology (Union of Scientists in Bulgaria), 2023, ISSN:0204-8809, 111-117. SJR (Scopus):0.132 **Q4 (Scopus)** Линк	1.000	16.67
37	**Momchilova, A.**, Pankov, R., Krastev, P., **Markovska, T.**, Arabadjiev, A., Krastev, N., Vassileva, E., Krastev, D., Tonev, D.. Quercetin Affects Ceramide but not Sphingosine-1-phosphate in ras-transformed 3T3 Fibroblasts. Proceedings of the Bulg. Acad. Sci, 76, 4, Marin Drinov, 2023, ISSN:1310-1331, DOI:https://doi.org/10.7546/CRABS.2023.04.13, 605-611. SJR (Scopus):0.18, JCR-IF (Web of Science):0.3 **Q3 (Web of Science)** Линк	1.000	22.22
38	**Neycheva T**, **Dobrev D**. Intuitive Approach to Active Digital Filter Design. Part II: Principle of Higher-order Low-pass Filters. XXXII International Scientific Conference Electronics (ET), 32, IEEE, 2023, ISBN:979-835030200-4, DOI:10.1109/ET59121.2023.10278687, 1-6 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
39	**Palichev, GN**, **Stratiev, D**, Sotirov, S, Sotirova, E, Nenov, S, Shishkova, I, Dinkov, R, **Atanassov, K**, **Ribagin, S**, **Stratiev, DD**, Pilev, D, Yordanov, D. Prediction of Refractive Index of Petroleum Fluids by Empirical Correlations and ANN. Processes, 11, 8, MDPI, 2023, DOI:DOI10.3390/pr11082328, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	41.67
40	**Petkova, D.**, **Atanassov, K.**. A Generalized Net Model of Acute Respiratory Distress Syndrome. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_19, 207-2015. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	100.00

41	**Petrov, M**. An Approach for Analysis and Assessment of the Pollution Indices of the Struma river in the Bulgarian section. Ekológia (Bratislava), 42, 4, De Gruyter Open Ltd., 2023, ISSN:1337947X, 1335342X, DOI:10.2478/eko-2023-0036, 327-332. SJR (Scopus):0.293 **Q3 (Scopus)** Линк	1.000	100.00
42	**Petrova N.**, **Todinova S.**, Petrov P., **Velikova V.**, **Krumova S.**. Foliar application of Pluronic P85-grafted single-walled carbon nanotubes induces thylakoid membrane structural remodeling. Acta Physiologiae Plantarum, 45, 12, 2023, 133. SJR (Scopus):0.566, JCR-IF (Web of Science):2.6 **Q2 (Web of Science)** Линк	1.000	80.00
43	**Popova A.V.**, Mihailova G., Geneva M., Peeva V., Kirova E., Sichanova M., **Dobrikova A.**, Georgieva K.. Different Responses to Water Deficit of Two Common Winter Wheat Varieties: Physiological and Biochemical Characteristics. Plants, 12, 12, MDPI, 2023, DOI:https://doi.org/10.3390/plants12122239, 2239. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
44	**Popova, A.V.**, **Borisova, P.**, Vasilev, D.. Response of Pea Plants (Pisum sativum cv. Ran 1) to NaCl Treatment in Regard to Membrane Stability and Photosynthetic Activity. Plants, 12, 2, MDPI, 2023, DOI:https://doi.org/10.3390/plants12020324, 324. JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
45	**Raikova R.**, Ivanov I., Hristov O., Markova N., Trenev L., **Angelova S.**. Detailed Investigation of Knee Biomechanics during Posture Maintenance while Applying Different Static Loadings on the Spine. International Journal of Bioautomation, 27, 2, Institute of Biophysics and Biomedical Engineering, 2023, ISSN:ISSN: 1314-2321 (on-line) 1314-1902 (print), DOI:doi: 10.7546/ijba.2023.27.2.000946, 83-98. SJR (Scopus):0.16 **Q4 (Scopus)** Линк	1.000	33.33
46	**Raikova R.**, Krutki Piotr, Celichowski Jan. Skeletal muscle models composed of motor units. A review. Journal of Electromyography and Kinesiology 70 , 102774, Elsevier, 2023, JCR-IF (Web of Science):2.641 **Q2 (Scopus)** Линк	1.000	33.33
47	**Ribagin, S.**, Hristozov, Ia., **Atanassov, K.**. Generalized Net Model of a Collective Work of a DOBOT Magician Robot System with a Centralized Control. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_30, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	66.67
48	**Roeva, O.**, **Chorukova, E**. Metaheuristic Algorithms to Optimal Parameters Estimation of a Model of Two-Stage An-aerobic Digestion of Corn Steep Liquor. Applied Sciences, 13, 1, MDPI, 2023, ISSN:2076-3417, DOI:https://doi.org/10.3390/app13010199, 199. JCR-IF (Web of Science):2.7 **Q2 (Web of Science)** Линк	1.000	100.00
49	**Roeva, O.**, Zoteva, D.,, Roeva, G.,, Lyubenova, V. An Efficient Hybrid of an Ant Lion Optimizer and Genetic Algorithm for a Model Parame-ter Identification Problem. Mathematics, 11, 6, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11061292, 1292. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
50	**Semkova, S.,**, **Nikolova, B.,**, **Tsoneva, I.,**, **Antov, G.,**, Ivanova, D.,, Angelov, A.,, **Zhelev, Zh.,**, Bakalova, R.. Redox-mediated Anticancer Activity of Anti-parasitic Drug Fenbendazole in Triple-negative Breast Cancer Cells. Anticancer Research, 43, 3, 2023, 1207-1212. JCR-IF (Web of Science):2.435 **Q2 (Web of Science)** Линк	1.000	62.50
51	**Stefanov M.**, **Rashkov G.**, **Borisova P.**, **Apostolova E.**. Sensitivity of the Photosynthetic Apparatus in Maize and Sorghum under Different Drought Levels. Plants, 12, 1863, MDPI (Switzerland), 2023, DOI:https://doi.org/10.3390/plants12091863, SJR (Scopus):0.765, JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
52	**Stefanov M.A.**, **Rashkov G.D.**, **Yotsova E.K.**, **Borisova P.B.**, **Dobrikova A.G.**, **Apostolova E.L.**. Protective Effects of Sodium Nitroprusside on Photosynthetic Performance of Sorghum bicolor L. under Salt Stress. Plants, 12, 4, MDPI, 2023, ISSN:2223-7747, DOI:10.3390/plants12040832, SJR (Scopus):0.765, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
53	**Stefanov M.A.**, **Rashkov G.D.**, **Yotsova E.K.**, **Dobrikova A.G.**, **Apostolova E.L.**. Impact of Salinity on the Energy Transfer between Pigment–Protein Complexes in Photosynthetic Apparatus, Functions of the Oxygen-Evolving Complex and Photochemical Activities of Photosystem II and Photosystem I in Two Paulownia Lines. Int. J. Mol. Sci., 24, 4, MDPI, 2023, DOI:10.3390/ijms24043108, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
54	**Stratiev D.**, Nenov S., Shishkova I., Sotirov S., Sotirova E., Dinkov R., Yordanov D., Pilev D., **Atanassov K.**, Vasilev S., **Stratiev D.D.**. Prediction of Viscosity of Blends of Heavy Oils with Diluents by Empirical Correlations and Artificial Neural Network. Industrial and Engineering Chemistry Research, 62, 49, American Chemical Society, 2023, DOI:10.1021/acs.iecr.3c02472, 21449-21463. SJR (Scopus):0.82, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	27.27
55	**Stratiev D.**, Shishkova I., Nikolaychuk E.. Application of Ebullated-Bed Vacuum Residue Hydrocracking at Lukoil Neftohim Burgas. Chem. Technol. Fuels Oils, 59, American Chemical Society, 2023, DOI:10.1007/s10553-023-01499-4, 33-39. SJR (Scopus):0.17 **Q4 (Scopus)** Линк	1.000	33.33
56	**Stratiev, D.**, Dimitriev, A., **Stratiev, D.**, **Atanassov, K.**. Modeling the Production Process of Fuel Gas, LPG, Propylene, and Polypropylene in a Petroleum Refinery Using Generalized Nets. Mathematics, 11, 17, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11173800, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00

57	**Stratiev, D.**, Dimitriev, D., **Stratiev, D.**. Generalized Net Model of Heavy Oil Products' Manufacturing in Petroleum Refinery. Mathematics, 11, 23, MDPI, 2023, ISSN:22277390, DOI:10.3390/math11234753, JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
58	**Stratiev, D.**, I.Shishkova, R.Dinkov, S. Nenov, S.Sotirov, E. Sotirova, I. Kolev, V. Ivanov, **S. Ribagin**, **K. Atanassov**, D. Stratiev, D. Yordanov. Prediction of petroleum viscosity from molecular weight and density. Fuel, 331, Elsevier, 2023, ISSN:00162361, DOI:10.1016/j.fuel.2022.125679, 125679. SJR (Scopus):1.514, JCR-IF (Web of Science):8.035 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
59	**Stratiev, D.**, Sotirov, S., Sotirova, E., Nenov, S., Dinkov, R., Shishkova, I., Kolev, I., Yordanov, D., Vasilev, S., **Atanassov, K.**, Simeonov, S., Palichev, G.. Prediction of Molecular Weight of Petroleum Fluids by Empirical Correlations and Artificial Neuron Networks. Processes, 11, 2, 2023, ISSN:22279717, DOI:10.3390/pr11020426, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	16.67
60	**Stratiev, D.**, Toteva, V., Shishkova, I., Nenov, S., Pilev, D., **Atanassov, K.**, Bureva, V., Vasilev, S., **Stratiev, D.**. Industrial Investigation of the Combined Action of Vacuum Residue Hydrocracking and Vacuum Gas Oil Catalytic Cracking While Processing Different Feeds and Operating under Distinct Conditions. Processes, 11, 11, 2023, ISSN:22279717, DOI:10.3390/pr11113174, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	33.33
61	**Stratiev, D**, Dinkov, R, Tavlieva, M, Shishkova, I, **Palichev, GN**, **Ribagin, S**, **Atanassov, K**, **Stratiev, DD**, Nenov, S, Pilev, D, Sotirov, S, Sotirova, E, Simeonov, S, Boyadzhieva, V. Correlations of HTSD to TBP and Bulk Properties to Saturate Content of a Wide Variety of Crude Oils. Processes, 2, 11, MDPI, 2023, DOI:DOI10.3390/pr11020420, JCR-IF (Web of Science):0.46 **Q2 (Web of Science)** Линк	1.000	35.71
62	**Stratiev, D**, Shishkova, I, Dinkov, R, Sotirov, S, Sotirova, E, **Atanassov, K**, **Ribagin, S**, Nikolova, R, Veli, A, **Palichev, G**, **Stratiev, DD**. Do the True Boiling-Point Distillation Yields of Crude Oil Blends Obey the Additive Blending Rule?. Processes, 11, 7, MDPI, 2023, DOI:DOI10.3390/pr11071879, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	45.45
63	**Taneva Stefka G.**, **Todinova Svetla**, **Andreeva Tonya**. Morphometric and Nanomechanical Screening of Peripheral Blood Cells with Atomic Force Microscopy for Label-Free Assessment of Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis. Int. J. Mol. Sci., 24, Elsevier, 2023, DOI:https:// doi.org/10.3390/ijms241814296, 14296. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
64	**Todorova Lyudmila**, Surchev Jivko, **Marazov Alexander**. Assessment of the factors influencing the survival of the ventricular shunt in infantile hydrocephalus. INT. J. BIOAUTOMATION, 27, 2, 2023, ISSN:1314-1902, DOI:10.7546/ijba.2023.27.2.000926, 107-116. SJR (Scopus):0.159 **Q4 (Scopus)** Линк	1.000	66.67
65	**Vassilev, P. M.**, **Stoyanov, T.**, **Todorova, L. P.**, **Marazov, A.**, **Andonov, V.**, Ikonomov, I.. Orderings over Intuitionistic Fuzzy Pairs Generated by the Power Mean and the Weighted Power Mean. Mathematics, 11, 13, MDPI, 2023, DOI:10.3390/math11132893, 2893. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	83.33
66	**Vassilev, P. M.**, **Todorova, L. P.**, Popov, E. P., Georgieva, R. N., Slavov, Ch. K., **Atanassov, K. T.**. Two New Modifications of the InterCriteria Analysis. Comptes Rendus de l'Academie Bulgare des Sciences, 76, 1, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2023, ISSN:1310-1331, DOI:10.7546/CRABS.2023.01.03, 23-34. JCR-IF (Web of Science):0.326 **Q3 (Scopus)** Линк	1.000	50.00
67	**Velitchkova M.**, **Stefanov M.**, **Popova A.V.**. Effect of Low Light on Photosynthetic Performance of Tomato Plants—Ailsa Craig and Carotenoid Mutant Tangerine. 12, Plants, 2023, DOI:https://doi.org/10.3390/plants12163000, JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
68	**Xenodochidis Ch.**, Staneva D., Vasileva B., Draganova M., Miloshev G., Georgieva M., Zagorchev P.. The Photobiomodulation of MAO-A Affects the Contractile Activity of Smooth Muscle Gastric Tissues. Biomolecules, 13, 1, Multidisciplinary Digital Publishing Institute, 2023, ISSN:2218-273X, DOI:https://doi.org/10.3390/biom13010032, 32--. SJR (Scopus):1.019 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
69	**Xenodochidis, Ch.,**, Draganova, M.,, Georgieva, M.,, Miloshev, G.,, Zagorchev, P.. In Vitro Irradiation of Smooth Muscle Tissues With Led Red and Laser Near-Infrared Light Modulates Neurotransmission Pathways. J Chem Technol Metall., 58, 1, University of Chemical Technology and Metallurgy, 2023, ISSN:13147471, 13147978, 101-108. SJR (Scopus):0.253 **Q3 (Scopus)** Линк	1.000	20.00
70	**Yordanova, V.**, **Hazarosova, R.**, Vitkova, V., **Momchilova, A.**, Robev, B., **Nikolova, B.**, Krastev, P., Nuss, Ph., Angelova, M.I., **Staneva, G.**. Impact of Truncated Oxidized Phosphatidylcholines on Phospholipase A2 Activity in Mono- and Polyunsaturated Biomimetic Vesicles. International Journal of Molecular Sciences, 24, 13, MDPI, 2023, ISSN:1661-6596, DOI:10.3390/ijms241311166, 11166. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
71	**Yordanova, V.**, **Staneva, G.**, Krastev, P., **Markovska, T.**, Marinovska, A-M., **Kostadinova, A.**, **Hazarosova, R.**, **Momchilova, A.**. Lipid order of membranes isolated from erythrocytes of patients with coronary artery disease: correlation with biochemical parameters. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_14, 134-146. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	75.00

72	Adams, JJ, Rovani, JF, Planche, JP, Loveridge, J, Literati, A, Shishkova, I, **Palichev, G**, **Kolev, I**, **Atanassov, K**, Nenov, S, **Ribagin, S**, **Stratiev, D**, Yordanov, D, Huo, JQ. SAR-AD Method to Characterize Eight SARA Fractions in Various Vacuum Residues and Follow Their Transformations Occurring during Hydrocracking and Pyrolysis. Processes, 11, 4, MDPI, 2023, DOI:DOI10.3390/pr11041220, JCR-IF (Web of Science):3.5 **Q2 (Web of Science)** Линк	1.000	35.71
73	Anastassova N., Stefanova D., Hristova-Avakumova N., **Georgieva I.**, Kondeva-Burdina M., Rangelov M., Todorova N., **Tzoneva R.**, Yancheva D.. New Indole-3-Propionic Acid and 5-Methoxy-Indole Carboxylic Acid Derived Hydrazone Hybrids as Multifunctional Neuroprotectors. Antioxidants, 12, 4, 2023, ISSN:2076-3921, DOI:10.3390/ANTIOX12040977, JCR-IF (Web of Science):7.675 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
74	Angelova, V., Georgiev, B., **Pencheva, T.**, **Pajeva, I.**, Rangelov, M., Todorova, N., Zheleva-Dimitrova, D., Kalcheva-Yovkova, E., Valkova, I., Vassilev, N., Mihaylova, R., Stefanova, D., Petrov, B., Voynikov, Y., Tzankova, V.. Design, Synthesis, In Silico Studies and In Vitro Evaluation of New Indole- and/or Donepezil-like Hybrids as Multitarget-Directed Agents for Alzheimer's Disease. Pharmaceuticals, 16, 9, MDPI, 2023, DOI:10.3390/ph16091194, 1194. JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	13.33
75	Baccouch, Rim, Shi, Yarong, Vernary, Emilie, Mathelie-Guinlet, Marion, Taib-Maamar, Nada, Villette, Sandrine, Feuillie, Cecile, Rascol, Estelle, Nuss, Philippe, Lecomte, Sophie, Molinari, Michael, **Staneva, Galya**, Alves, Isabel D.. The impact of lipid polyunsaturation on the physical and mechanical properties of lipid membranes. Biochimica et Biophysica Acta - Biomembranes, 1865, 2, Elsevier, 2023, ISSN:00052736, DOI:DOI 10.1016/j.bbamem.2022.184084, Article nu. JCR-IF (Web of Science):4.019 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	7.69
76	Bachvarov K., Strijkova V., Antonova B., Jordanova M., Dimitrov Y., **Todinova S.**. Characterizing Morphometric and Nanomechanical Malignant Cell Features in a Rare Paediatric γδ T-acute Lymphoblastic Leukaemia: Insights from a Single Case Study Using Atomic Force Microscopy. INT.J. BIOAUTOMATION, 27, 4, 2023, ISSN:1314-2321, DOI:10.7546/ijba.2023.27.4.000949, 227-238. SJR (Scopus):0.159 **Q4 (Scopus)** Линк	1.000	16.67
77	Bag P., Shutova T., Shevela D., Lihavainen J., Nanda S., **Ivanov A.G.**, Messinger J., Jansson S.. Flavodiiron-mediated O2 photoreduction at photosystem I acceptor-side provides photoprotection to conifer thylakoids in early spring. Nature Communications, 14, Nature Research, 2023, ISSN:20411723, DOI:10.1038/s41467-023-38938-z, SJR (Scopus):5.1, JCR-IF (Web of Science):16.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
78	Bakalova, R.,, Lazarova, D.,, Sumiyoshi, A.,, Shibata, S.,, **Zhelev, Zh.,**, **Nikolova, B.,**, **Semkova, S.,**, Vlaykova, T.,, Aoki, I.,, Higashi, T.,. Redox-Cycling "Mitocans" as Effective New Developments in Anticancer Therapy. International Journal of Molecular Sciences, 24, 9, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24098435, 8435. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	30.00
79	Bryaskova R., Georgiev N., Philipova N., Bakov V., Anichina K., Argirova M., **Apostolova S.**, **Georgieva I.**, **Tzoneva R.**. Novel Fluorescent Benzimidazole-Hydrazone-Loaded Micellar Carriers for Controlled Release: Impact on Cell Toxicity, Nuclear and Microtubule Alterations in Breast Cancer Cells. Pharmaceutics, 15, 6, MDPI, 2023, ISSN:19994923, DOI:10.3390/pharmaceutics15061753, JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
80	Bureva, V., Petrov, P., **Andonov, V.**, **Atanassov, K.**. Intuitionistic Fuzzy Evaluation of User Requests Frequency. Lecture Notes in Networks and Systems, 2023, ISSN:23673370, 15-21. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	50.00
81	Dilnawaz F., Misra A.N., **Apostolova E.**. Involvement of nanoparticles in mitigating plant's abiotic stress. Plant Stress, 10, 2023, JCR-IF (Web of Science):5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
82	Dimitrov S., Slavchev I., Simeonova R., Mileva M., **Pencheva T.**, Philipov S., Georgieva A., Tsvetanova E., Teneva Y., Rimpova N., Dobrikov G., Valcheva V.. Evaluation of Acute and Sub-acute Toxicity, Oxidative Stress and Molecular Docking of Two Nitrofuranyl Amides as Promising Anti-Tuberculosis Agents. Biomolecules, 13, 1174, 2023, DOI:DOI: 10.3390/biom13081174, JCR-IF (Web of Science):5.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
83	Dinarelli S., Longo G., **Taneva S.G.**, **Todinova S.**, **Krumova S.**, Girasole M.. Surprising Structural and Functional Properties of Favism Erythrocytes Are Linked to Special Metabolic Regulation: A Cell Aging Study. Int. J. Mol. Sci., 24, 2023, SJR (Scopus):1.18, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
84	Fidanova, S., **Atanassov, K.**, Kirilov, L., Slavova, V., Ivanov, V.. Generalized net model of the consequences of earthquake. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_28, 281-292. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	20.00
85	Fidanova, S., **Atanassov, K.**. Ant Algorithm for GPS Surveying Problem with Fuzzy Pheromone Updating. Lecture Notes in Computer Science, 13858, Springer, 2023, ISSN:03029743, DOI:10.1007/978-3-031-32412-3_11, 127-133. SJR (Scopus):0.32 **Q4 (Scopus)** Линк	1.000	50.00
86	Fidanova, S., **Atanassov, K.**. New Ant Colony Optimization Including Weights. Studies in Computational Intelligence, Springer, 2023, ISSN:1860949X, DOI:10.1007/978-3-031-42010-8_7, 66-72. SJR (Scopus):0.237 **Q4 (Scopus)** Линк	1.000	50.00
87	Foteva Ts., **Vukova T.**, Rangelova N., Georgieva N., **Tzoneva R.**. CYTOTOXICITY OF COPPER DOPED SiO2-HYDROXYPROPYL CELLULOSE COMPOSITES ON CANCER AND NON-CANCEROUS CELLS. Journal of Chemical	1.000	40.00

	Technology and Metallurgy, 3, University of Chemical Technology and Metallurgy, 2023, 602-607. JCR-IF (Web of Science):0.253 **Q3 (Web of Science)** Линк		
88	Georgieva M, **Xenodochidis C**, **Krasteva N**. Old age as a risk factor for liver diseases: Modern therapeutic approaches. Experimental Gerontology, 184, Elsevier, 2023, ISSN:05315565, DOI:https://doi.org/10.1016/j.exger.2023.112334, SJR (Scopus):0.94, JCR-IF (Web of Science):3.9 **Q2 (Web of Science)** Линк	1.000	66.67
89	Georgieva, K., Mihailova, G., Gigova, L., **Popova, A.V.**, **Velitchkova, M.**, Simova-Stoilova, L., Sági-Kazár, M., Zelenyánszki , H., Solymosi, K., Solti, A.. Antioxidative Defense, Suppressed Nitric Oxide Accumulation, and Synthesis of Protective Proteins in Roots and Leaves Contribute to the Desiccation Tolerance of the Resurrection Plant Haberlea rhodopensis. Plants, 12, 2834, MDPI, 2023, DOI:https://doi.org/10.3390/plants12152834, 1-22. JCR-IF (Web of Science):4.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
90	Gospodinova Z., Antov G., Novakovic M, Tesevic V., **Krasteva N.**, Pavlov D., Valcheva-Kuzmanova S.. Antiproliferative Activity of Natural Flavonoid Fustin Isolated from the Heartwood of Cotinus Coggygria Scop. Against Breast and Colon Cancer Cell Lines. Acta Medica Bulgarica, 50, 1, Walter de Gruyter, 2023, ISSN:03241750, DOI:10.2478/amb-2023-0004, 27-33. SJR (Scopus):0.119 **Q4 (Scopus)** Линк	1.000	14.29
91	Hüner N.P.A., Szyszka-Mroz B., **Ivanov A.G.**, Kata V., Lye H., Smith D.R.. Photosynthetic adaptation and multicellularity in the Antarctic psychrophile, Chlamydomonas priscuii. Algal Research, 74, 2023, ISSN:22119264, DOI:10.1016/j.algal.2023.103220, SJR (Scopus):0.89, JCR-IF (Web of Science):5.1 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
92	Ignatova, V., **Atanassov, K.**. Generalized net model of the vegetative (autonomic) innervation of gastrointestinal tract.. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_25, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	50.00
93	Iliev, I.,, Mavrova, A.,, Yancheva, D.,, Dimov, S.,, **Staneva, G.,**, **Nesheva, A.,**, **Tsoneva, I.,**, **Nikolova, B**. 2-Alkyl-Substituted-4-Amino-Thieno[2,3- d]Pyrimidines: Anti-Proliferative Properties to In Vitro Breast Cancer Models. Molecules, 28, (17), MDPI, 2023, ISSN:1420-3049, DOI:10.3390/molecules28176347, 6347. JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
94	Ivanova, D.,, **Semkova, S.,**, Yaneva, Z.,, **Nikolova, B.,**, **Zhelev, Zh.,**, Bakalova, R.,, Aoki, I.. Docosahexaenoic Acid Potentiates the Anticancer Effect of the Menadione/Ascorbate Redox Couple by Increasing Mitochondrial Superoxide and Accelerating ATP Depletion. Anticancer research, 43, 3, 2023, 1213-1220. JCR-IF (Web of Science):2.435 **Q2 (Web of Science)** Линк	1.000	42.86
95	Ivanova, D.,, Nikolova, G.,, Karamalakova, Y.,, **Semkova, S.,**, Marutsova, V.,, Yaneva, Z.. Water-Soluble Alkali Lignin as a Natural Radical Scavenger and Anticancer Alternative. International Journal of Molecular Sciences, 24, 16, MDPI, 2023, ISSN:1422-0067, DOI:https://doi.org/10.3390/ijms241612705, 12705. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	16.67
96	Ivanova, D.,, Toneva, M.,, Simeonov, E.,, **Nikolova, B.,**, **Semkova, S.,**, **Antov, G.,**, Yaneva, Z.. Newly Synthesized Lignin Microparticles as Bioinspired Oral Drug-Delivery Vehicles: Flavonoid-Carrier Potential and In Vitro Radical-Scavenging Activity. Pharmaceutics, 15, 4, MDPI, 2023, 1067. JCR-IF (Web of Science):5.4 **Q1, не оглавява ранглистата** Линк	1.000	42.86
97	Ivanova, I., Toshkovska, R., Yocheva, L., **Benkova, D.**, **Yordanova, V.**, **Nesheva, A.**, **Hazarosova, R.**, **Staneva, G.**, **Kostadinova, A.**. Stress response of gram-positive and gram-negative bacteria induced by metal and non-metal nanoparticles. In search of smart antimicrobial agents. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_15, 147-155. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	66.67
98	Karabelyov V., Angelova V. T., Sharkov M., Mihaylova R., Popov G., **Pencheva T.**, Manov V., Dangalov M., Todorova N., Kondeva-Burdina M.. In vitro/in vivo Effects of Some New 2,5-disubstituted 1,3,4-oxadiazole and Hydrazone Analogues Targeting Parkinson's Disease,. Journal of Molecular Structure, 1288, 135755, 2023, DOI:https://doi.org/10.1016/j.molstruc.2023.135755, JCR-IF (Web of Science):3.8 **Q2 (Web of Science)** Линк	1.000	10.00
99	Komsa-Penkova R., **Krumova S.**, **Langari A.**, **Giosheva I.**, Gartcheva L., **Danailova A.**, **Topalova L.**, **Stoyanova T.**, **Strijkova V.**, Savov A., **Todinova S.**. Blood Plasma Calorimetric Profiles of Women withPreeclampsia: Effect of Oxidative Stress. Antioxidants, 12, 5, MDPI, 2023, DOI:https://doi.org/10.3390/antiox12051032, SJR (Scopus):1.084, JCR-IF (Web of Science):7.675 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	72.73
100	Komsa-Penkova R., Yordanova A., Tonchev P., Kyurkchiev S., **Todinova S.**, **Strijkova V.**, Iliev M., Dimitrov B., Altankov G.. Altered Mesenchymal Stem Cells Mechanotransduction from Oxidized Collagen: Morphological and Biophysical Observations. Int J Mol Sci ., 24, 4, MDPI, 2023, DOI:https://doi.org/10.3390/ijms24043635, SJR (Scopus):1.176 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
101	Lahmar I., Radeva, G., Marinkova, D., **Velitchkova, M.**, Yotova, L.. Exponential Equation Describing Kinetic Process of Immobilized β-Amylase Extracted from Glycine max Seeds. Chemistry Africa, Springer, 2023, DOI:https://doi.org/10.1007/s42250-023-00721-4, JCR-IF (Web of Science):2.6 **Q3 (Web of Science)** Линк	1.000	20.00

102	Lahmar, I-, **Velitchkova. M-**, Radeva, M., Marinkova, D., Yotova, L.. β-Amylase Squirting Cucumber Between Immobilization, Kinetic Modeling and Application for Maltose Syrup Production.. Chemistry Africa, Sprimger, 2023, DOI:https://doi.org/10.1007/s42250-023-00833-x, JCR-IF (Web of Science):2.6 **Q3 (Web of Science)** Линк	1.000	20.00
103	Liao, T., Zhao, J., Liu, Y., **Ivanov, K.**, Xiong, J., Yan, Y.. Deep Transfer Learning with Graph Neural Network for Sensor-Based Human Activity Recognition. Proceedings - 2022 IEEE International Conference on Bioinformatics and Biomedicine, BIBM 2022, IEEE, 2023, ISBN:978-1-6654-6819-0, DOI:10.1109/BIBM55620.2022.9995660, 2445-2452 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	16.67
104	Lubich, M., Popov, E., Georgieva, R., Dmitrenko, D., Bojkov, B., Slavov, Ch., **Todorova, L.**, **Atanassova, V.**, **Vassilev, P.**, **Atanassov, K.**. A Generalized Net Model of Some Nephrological Diseases. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-45069-3_18, 200-206. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	40.00
105	Martinov Boris, Pavlova Elitsa, Ivanova Iliana, Yocheva,Lyubomira, **Kostadinova Anelia**, Staneva Anna. BIOLOGICAL ACTIVITY OF GRAPHENE NANOCOMPOSITES WITH ZINC OXIDE, Cu AND Ag NANOPARTICLES. Journal of Chemical Technology and Metallurgy, 58, 2, University of Chemical Technology and Metallurg, 2023, ISSN:13147471, 327-339. SJR (Scopus):0.2 **Q3 (Scopus)** Линк	1.000	16.67
106	Naydenov S, **Jekova I**, **Krasteva V**. Recognition of Supraventricular Arrhythmias in Holter ECG Recordings by ECHOView Color Map: A Case Series Study. Journal of Cardiovascular Development and Disease, 10, 9, MDPI, 2023, ISSN:2308-3425, DOI:10.3390/jcdd10090360, 360-24 pages. JCR-IF (Web of Science):2.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
107	Petrov B., Petrov P., Alexov S., Hadzhiev G., **Vukova T.**. Laparoscopic treatment of primary colon melanoma: a case study. American Journal of Case Reports, v 24, International Scientific Literature, Inc, 2023, e938914. SJR (Scopus):0.271, JCR-IF (Web of Science):1.07 **Q3 (Scopus)** Линк	1.000	20.00
108	Popov, E., Georgieva, R., Dmitrenko, D., Bojkov, B, Slavov, C., Lubich, M., **Vassilev, P.**, **Atanassova, V.**, **Todorova, L.**, **Atanassov, K.**. Generalized Net Model of the Prostate Cancer Early Stages of Development. 2nd International Symposium on Bioinformatics and Biomedicine, BioInfoMed 2022. Lecture Notes in Networks and Systems, 658, Springer, 2023, ISBN:978-303131068-3, DOI:10.1007/978-3-031-31069-0_24, 246-252. SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	40.00
109	Qubian A., Abbas A.S., Al-Khedhair N.,, Peres J.F., **Stratiev D.**, Shishkova I., Nikolova R., Toteva V., Riazi M.R.. Screening and Investigation on Inhibition of Sediment Formation in a Kuwait Light Crude Oil by Commercial Additives with Some Guidelines for Field Applications. Processes, 11, 3, MDPI, 2023, DOI:10.3390/pr11030818, 818. SJR (Scopus):0.53, JCR-IF (Web of Science):3.5 **Q2 (Scopus)** Линк	1.000	11.11
110	Reyes-Díaz M., González-Villagra J., Ulloa-Inostroza E.M., Delgado M., Inostroza-Blancheteau C., **Ivanov A.G.**. Phytohormone Involvement in Plant Responses to Soil Acidity. Plant Hormones and Climate Change, Springer, Singapore, 2023, ISBN:Print ISBN 978-981-19-4940-1, DOI:DOI: 10.1007/978-981-19-4941-8_13, 23, 301-323 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	16.67
111	Robev, B.,, Iliev, I.,, **Tsoneva, I.,**, **Momchilova, A.,**, **Nesheva, A.,**, **Kostadinova, A.,**, **Staneva, G.,**, **Nikolova, B.**. Antitumor Effect of Iscador on Breast Cancer Cell Lines with Different Metastatic Potential. International Journal of Molecular Sciences, 24, 6, MDPI, 2023, 5247. JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	75.00
112	Sándor, József, **Atanassov, Krassimir**. On certain arithmetical functions of exponents in the factorization of integers. Notes on Number Theory and Discrete Mathematics, 29, 2, 2023, DOI:10.7546/nntdm.2023.29.2.378-388, 378-388. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	50.00
113	Sotirova, E., Bozov, H., Petrova, Y., Bozova, G., **Atanassov, K.**. Generalized net model of the malignant melanoma treatment. Lecture Notes in Networks and Systems, Springer, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_23, SJR (Scopus):0.151 **Q4 (Scopus)** Линк	1.000	20.00
114	Sotirtova, E., Bozov, H., Sotirov, S., Bozova, G., **Ribagin, S.**, Gonchev, V.. Multicriteria Analysis of Oncology Data During the Covid Pandemic. Lecture Notes in Networks and Systems, 658, Springer International Publishing AG, 2023, 111-118. SJR (Scopus):0.15 **Q4 (Scopus)** Линк	1.000	16.67
115	Stoyancheva G., Kabaivanova L., Hubenov V., **Chorukova E.**. Metagenomic Analysis of Bacterial, Archaeal and Fungal Diversity in Two-Stage Anaerobic Biodegradation for Production of Hydrogen and Methane from Corn Steep Liquor. 11, 5, Microorganisms, 2023, ISSN:2076-2607, DOI:https://doi.org/10.3390/microorganisms11051263, JCR-IF (Web of Science):4.782 **Q2 (Web of Science)** Линк	1.000	25.00
116	Sulikovska, I.,, Ivanova, E.,, Ivanov, I.,, Tasheva, D.,, Dimitrova, M.,, **Nikolova, B.,**, **Iliev, I.,**. Study on the Phototoxicity and Antitumor Activity of Plant Extracts from Tanacetum vulgare L., Epilobium parviflorum Schreb., and Geranium sanguineum L.. International Journal Bioautomation, 27, 1, 2023, 39-50. SJR (Scopus):0.198 **Q4 (Scopus)** Линк	1.000	28.57
117	Sumiyoshi A., Shibata S., Lazarova D., **Zhelev Zh.**, Aoki I., Bakalova R.. Tolerable treatment of glioblastoma with redox-cycling 'mitocans': a comparative study in vivo. Redox Report, 28, 1, Taylor and Francis Ltd., 2023, ISSN:13510002, DOI:10.1080/13510002.2023.2220531, 2220531. SJR (Scopus):0.925 **Q2 (Scopus)** Линк	1.000	16.67

118	Tchekalarova J., **Georgieva I.**, **Tzoneva R.**, Angelova V.. Aggregated amyloid-beta1-42 infusion following pinealectomy induces Alzheimer's diseases in rats in a week:behavioral and biochemical impairments. Alzheimer's and Dementia, 19, S24, 2023, ISSN:1552-5279, DOI:10.1002/ALZ.082270, SJR (Scopus):3.29 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	50.00
119	Tchekalarova J., **Tzoneva R.**. Oxidative Stress and Aging as Risk Factors for Alzheimer's Disease and Parkinson's Disease: The Role of the Antioxidant Melatonin. International Journal of Molecular Sciences, MDPI, 2023, JCR-IF (Web of Science):6.208 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
120	Teneva I, **Velikova V**, Belkinova D, Moten D, Dzhambazov B. Allelopathic potential of the cyanotoxins Microcystin-LR and Cylindrospermopsin on green algae. Plants, 12, 6, MDPI, 2023, DOI:https://doi.org/10.3390/plants12061403, 1403. JCR-IF (Web of Science):4.658 **Q1, не оглавява ранглистата** Линк	1.000	20.00
121	Tonev, D., **Momchilova, A.**. Oxidative Stress and the Nuclear Factor Erythroid 2-Related Factor 2 (Nrf2) Pathway in Multiple Sclerosis: Focus on Certain Exogenous and Endogenous Nrf2 Activators and Therapeutic Plasma Exchange Modulation. Int J Mol Sci, 24, 24, MDPI, 2023, ISSN:1422-0067, DOI:https://doi.org/10.3390/ijms242417223, 17223-17243. JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
122	Tonev, D., **Momchilova, A.**. Therapeutic Plasma Exchange and Multiple Sclerosis Dysregulations: Focus on the Removal of Pathogenic Circulatory Factors and Altering Nerve Growth Factor and Sphingosine-1-Phosphate Plasma Levels. Curr Issues Mol Biol, 45, 10, MDPI, 2023, DOI:https://doi.org/10.3390/cimb45100489, 7749-7774. JCR-IF (Web of Science):3.1 **Q2 (Web of Science)** Линк	1.000	50.00
123	Tonev, D., **Momchilova, A.**. Therapeutic Plasma Exchange in Certain Immune-Mediated Neurological Disorders: Focus on a Novel Nanomembrane-Based Technology. Biomedicines, 11, 2, MDPI, 2023, DOI:https://doi.org/10.3390/biomedicines11020328, 328-349. JCR-IF (Web of Science):4.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
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Коригиран брой: 127.000			