# 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
* **Статус на изданието**:
Q1 - оглавява ранглистата
Q1, не оглавява ранглистата
Q2
Q3
Q4
SJR, непопадащ в Q категория
Без JCR или SJR – индексиран в WoS или Scopus
Индексирано в ERIH+
* **Година на публикуване**: 2021 ÷ 2021
* **Тип записи**: Записи, които влизат в отчета на звеното

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| **№** | **Публикация** | **Коригиращ Коефициент** | **Процент автори от звеното** |
| 1 | **Al Sharif M.**. Development of mode of action networks related to the potential role of PPARγ in respiratory diseases. Pharmacological research, 172, 105821, Elsevier, 2021, ISSN:1043-6618, DOI:10.1016/j.phrs.2021.105821, SJR (Scopus):1.85, JCR-IF (Web of Science):7.658   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.sciencedirect.com/science/article/abs/pii/S1043661821004059?via%3Dihub) | 1.000 | 100.00 |
| 2 | **Al Sharif, M.**, **Alov, P.**, Vitcheva, V., **Diukendjieva, A.**, Aluani, D., Tzankova, V., **Pajeva, I.**. Development of a protocol for virtual screening of PPARγ weak partial agonists and their metabolites: case study on naturally-derived oleanane triterpenoids. Int J Bioautomation, 25, 2, BAS, Institute of Biophysics and Biomedical Engineering, 2021, ISSN:1314-2321, DOI:10.7546/ijba.2021.25.2.000792, 117-132. SJR (Scopus):0.178   **Q4 (Scopus)**   [Линк](https://biomed.bas.bg/bioautomation/2021/vol_25.2/files/25.2_01.pdf) | 1.000 | 57.14 |
| 3 | **Andreev, N.**, **Pencheva, T.**, **Ribagin, S.**, **Atanassov, K.**. Generalized net model of blood donation processes. Advances in Intelligent Systems and Computing, 1081, 2021, DOI:10.1007/978-3-030-47024-1\_16, 147-154   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-47024-1_16) | 1.000 | 100.00 |
| 4 | **Andreeva T.**, Komsa-Penkova R., **Langari A.**, **Krumova S.**, Golemanov G., Georgieva G.B., **Taneva S.G.**, **Giosheva I.**, Mihaylova N., Tchorbanov A., **Todinova S.**. Morphometric and Nanomechanical Features of Platelets from Women with Early Pregnancy Loss Provide New Evidence of the Impact of Inherited Thrombophilia. International Journal o f Molecular Sciences, 22, MDPI, 2021, DOI:https://doi.org/10.3390/ijms22157778, SJR (Scopus):1.46, JCR-IF (Web of Science):5.924   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.mdpi.com/1422-0067/22/15/7778#metrics) | 1.000 | 54.55 |
| 5 | **Angelova S.**, Raikov P., Petrov E., **Raikova R.**. A prototype of an active elbow orthosis - problems of mechanical design and orthosis control. Series on Biomechanics, 35, 3, Институт по механика, 2021, 3-11. SJR (Scopus):0.2   **Q4 (Scopus)**   [Линк](http://jsb.imbm.bas.bg/page/en/details.php?article_id=491) | 1.000 | 50.00 |
| 6 | **Atanassov, K. T.**. A new type of intuitionistic fuzzy modal operators over intuitionistic fuzzy pairs. Notes on Intuitionistic Fuzzy Sets, 27, 4, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nifs.2021.27.4.30-35, 30-35   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 100.00 |
| 7 | **Atanassov, K. T.**. Formulas for the n-th prime number. Notes on Number Theory and Discrete Mathematics, 27, 4, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, ISSN:1310-5132, DOI:10.7546/nntdm.2021.27.4.129-139, 129-139   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** | 1.000 | 100.00 |
| 8 | **Atanassov, K.**, **Atanassova, V.**. Temporal intuitionistic fuzzy pairs. Proceedings of the Jangjeon Mathematical Society, 24, 3, Jangjeon Mathematical Society, 2021, ISSN:1598-7264, DOI:10.17777/pjms2021.24.3.343, 343-352. SJR (Scopus):0.22   **Q4 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111878921&origin=resultslist&sort=plf-f) | 1.000 | 100.00 |
| 9 | **Atanassov, K.**, **Marinov, E.**. Four Distances for Circular Intuitionistic Fuzzy Sets. Mathematics, 9, 10, 2021, DOI:https://doi.org/10.3390/math9101121, 1121. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000655196300001) | 1.000 | 100.00 |
| 10 | **Atanassov, K.**, **Pencheva, T.**. InterCriteria Analysis Approach as a Tool for Promising Decision Making in Physiological Rhythms. 2019-20 MATRIX Annals, 4, 2021, 279-285   **Международно академично издателство** | 1.000 | 100.00 |
| 11 | **Atanassov, K.**, **Vassilev, P.**, **Atanassova, V.**, **Roeva, O.**, Iliev, R., Zoteva, D., Bureva, V., Mavrov, D., Alexandrov, A.. Generalized Net Model of Forest Zone Monitoring by UAVs. Mathematics, 9, 22, MDPI, 2021, ISSN:2227-7390, DOI:https://doi.org/10.3390/math9222874, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000728043700001) | 1.000 | 44.44 |
| 12 | **Atanassov, K.**, **Vassilev, P.**, **Roeva, O.**. Level operators over intuitionistic fuzzy index matrices. Mathematics, 9, 4, 2021, DOI:10.3390/math9040366, 366. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=13&SID=F1eskoEZgzrEKyIhDmT&page=1&doc=1) | 1.000 | 100.00 |
| 13 | **Atanassov, K.**, Angelova, N., **Atanassova, V.**. On an intuitionistic fuzzy form of the Goguen’s implication. Mathematics, 9, 6, MDPI, 2021, DOI:10.3390/math9060676, Art. 676. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000645335700001) | 1.000 | 66.67 |
| 14 | **Atanassov, K.**, Angelova, N.. Modifications of the Third Zadeh’s intuitionistic fuzzy implication. Notes on Intuitionistic Fuzzy Sets, 27, 1, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nifs.2021.27.1.9-23, 9-23   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 50.00 |
| 15 | **Atanassov, K.**, Bureva, V.. Four Operations over Extended Intuitionistic Fuzzy Index Matrices and Some of Their Applications. Studies in Computational Intelligence, 902, 2021, DOI:10.1007/978-3-030-55347-0\_3, 27-39. SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090528520&doi=10.1007%2f978-3-030-55347-0_3&partnerID=40&md5=aec7ddfb84cd37c7eb2fb412973e3322) | 1.000 | 50.00 |
| 16 | **Atanassov, K.**, Vasilev, V., **Andonov, V.**, Sotirova, E.. A Generalized Net Model of the Abdominal Aorta and Its Branches as a Part of the Vascular System. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISBN:978-3-030-77715-9, DOI:10.1007/978-3-030-77716-6\_16, 175-185   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-77716-6_16) | 1.000 | 50.00 |
| 17 | **Atanassov, K.**. A short remark on a new Fibonacci-type sequence. Notes on Number Theory and Discrete Mathematics, 27, 2, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nntdm.2021.27.2.168-171, 168-171   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000665848000018) | 1.000 | 100.00 |
| 18 | **Atanassov, K.**. Elliptic intuitionistic fuzzy sets. Comptes rendus de l’Académie bulgare des Sciences, 74, 6, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, 812-819. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109020704&doi=10.7546%2fCRABS.2021.06.02&partnerID=40&md5=cc7471ea552b6e36d3ee55a85cc816db) | 1.000 | 100.00 |
| 19 | **Atanassov, K.**. Extended Interval Valued Intuitionistic Fuzzy Index Matrices. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, 3-12   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087781806&doi=10.1007%2f978-3-030-47024-1_1&partnerID=40&md5=581e7f5db26e810e265d55fa3d69a2d6) | 1.000 | 100.00 |
| 20 | **Atanassov, K.**. Intuitionistic Fuzzy Temporal-Modal Operators. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISBN:978-3-030-77715-9, DOI:10.1007/978-3-030-77716-6\_1, 3-15   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://doi.org/10.1007/978-3-030-77716-6_1) | 1.000 | 100.00 |
| 21 | **Atanassov, K.**. My meetings with Prof. Lotfi Zadeh. Notes on Intuitionistic Fuzzy Sets, 27, 3, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nifs.2021.27.3.1-8, 1-8   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 100.00 |
| 22 | **Atanassov, K.**. Third Zadeh’s intuitionistic fuzzy implication. Mathematics, 9, 6, MDPI, 2021, DOI:10.3390/math9060619, 619. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000645364700001) | 1.000 | 100.00 |
| 23 | **Atanassova, V.**, Angelova, N.. Representation of Interval-Valued Intuitionistic Fuzzy Data by Radar Charts. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, DOI:10.1007/978-3-030-47024-1\_8, 69-75   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087744584&doi=10.1007%2f978-3-030-47024-1_8&partnerID=40&md5=081cb05290596fae5bb1558d66a37f3b) | 1.000 | 50.00 |
| 24 | **Chorukova, E.**, Marinov, P., **Umlenski, I.**. Survey on Theory and Applications of InterCriteria Analysis Approach. Studies in Computational Intelligence, 934, Springer, 2021, ISSN:1860-949X, DOI:10.1007/978-3-030-72284-5\_20, SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111122908&origin=AuthorNamesList&txGid=4e1e334d933a08b5160f889ad4d5edec) | 1.000 | 66.67 |
| 25 | **Dimitrova, D.**, **Nikolova, B.**, Bogoeva, V., Robev, B., **Tsoneva, I.**, Dimitrov, S., Kadinov, B.. Do Mistletoe (Viscum album L.) Lectins Influence Isometric Contraction of Non-diseased Human Mesenteric Arteries ex vivo?. INT. J. BIOAUTOMATION, 25, 1, 2021, 41-52. SJR (Scopus):0.24   **Q4 (Scopus)**   [Линк](http://www.biomed.bas.bg/bioautomation/2021/vol_25.1/files/25.1_04.pdf) | 1.000 | 42.86 |
| 26 | **Dobrev D**, **Neycheva T**. Comments on: An Analog Bootstrapped Biosignal Read out Circuit with Common mode Impedance Two electrode Compensation. IEEE Sensors Journal, 21, 14, IEEE, 2021, ISSN:1530-437X, DOI:10.1109/JSEN.2021.3070095, 16395-16395. SJR (Scopus):0.681, JCR-IF (Web of Science):3.301   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://ieeexplore.ieee.org/document/9431587) | 1.000 | 100.00 |
| 27 | **Dobrev D**, Alnasser E, **Neycheva T**. Analysis of AC Amplifiers with Ultra-low Corner Frequency by Using Bootstrapping. XXX International Scientific Conference Electronics (ET) 2021, IEEE, 2021, ISBN:978-1-6654-4518-4, DOI:10.1109/ET52713.2021.9579911, 1-4   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://ieeexplore.ieee.org/document/9579911) | 1.000 | 66.67 |
| 28 | **Dobrev D**, Alnasser E, **Neycheva T**. Application of Active Biased Integrators for Biosignal Processing. XXX International Scientific Conference Electronics (ET) 2021, 2021, ISBN:978-1-6654-4518-4, DOI:10.1109/ET52713.2021.9580163, 1-5   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://ieeexplore.ieee.org/document/9580163) | 1.000 | 66.67 |
| 29 | **Dobrev D**, Alnasser E, **Neycheva T**. Lossy Integrator Readout Circuit With Active Bias Point. IEEE Sensors Journal, 21, 22, IEEE, 2021, ISSN:1530-437X, DOI:10.1109/JSEN.2021.3118045, 25808-25817. SJR (Scopus):0.681, JCR-IF (Web of Science):3.073   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://ieeexplore.ieee.org/document/9559972) | 1.000 | 66.67 |
| 30 | **Dobrikova A.**, **Apostolova E.**, Hanć A., **Yotsova E.**, **Borisova P.**, Sperdouli I., Adamakis I.-D.S., Moustakas M.. Cadmium toxicity in Salvia sclarea L: An integrative response of element uptake, oxidative stress markers, leaf structure and photosynthesis. Ecotoxicology and Environmental Safety, 209, Elsevier, 2021, ISSN:0147-6513, DOI:10.1016/j.ecoenv.2020.111851, 111851. SJR (Scopus):1.377, JCR-IF (Web of Science):6.291   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.sciencedirect.com/science/article/pii/S0147651320316870) | 1.000 | 50.00 |
| 31 | **Dobrikova A.**, **Apostolova E.**, Hanc A., **Yotsova E.**, **Borisova P.**, Sperdouli I., Adamakis I.S., Moustakas M.. Tolerance mechanisms of the aromatic and medicinal plant Salvia sclarea L. to excess zinc. Plants (Basel), 10, 2, MDPI, Switzerland, 2021, ISSN:2223-7747, DOI:10.3390/plants10020194, 194. JCR-IF (Web of Science):3.935   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://doi.org/10.3390/plants10020194) | 1.000 | 50.00 |
| 32 | **Gospodinova Z**, **Kamenska T**, Gencheva G, Georgieva M, **Krasteva N**. PEGylation of graphene oxide nanosheets modulate cancer cell motility and proliferative ability.. Journal of Physics: Conference Series, 1762 012001, IOP Science, 2021, SJR (Scopus):0.21   **Q4 (Scopus)**   [Линк](https://iopscience.iop.org/article/10.1088/1742-6596/1762/1/012001) | 1.000 | 60.00 |
| 33 | **Hadjitodorov, S.**. Acoustic analysis of voices. Book series Studies in Computational Intelligence, Research in Computer Science in the Bulgarian Academy of Sciences, 934, Springer Nature, 2021, DOI:10.1007/978-3-030-72284-5\_12, 255-260. SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111109256&origin=resultslist&sort=plf-f&src=s&st1=Hadjitodorov&st2=S.&nlo=1&nlr=20&nls=count-f&sid=6263acb1c387462df582ab32df14f0ab&sot=anl&sdt=aut&sl=43&s=AU-ID%28%22Hadjitodorov%2c+Stefan+T.%22) | 1.000 | 100.00 |
| 34 | **Jekova I.**, **Krasteva V.**. Optimization of End-to-End Convolutional Neural Networks for Analysis of Out-of-Hospital Cardiac Arrest Rhythms during Cardiopulmonary Resuscitation. Sensors, 21, 12, MDPI, 2021, ISSN:1424-8220, DOI:10.3390/s21124105, 4105-24 pages. SJR (Scopus):0.636, JCR-IF (Web of Science):3.576   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/1424-8220/21/12/4105) | 1.000 | 100.00 |
| 35 | **Jekova, I.**, **Vassilev, P.**, **Stoyanov, T.**, **Pencheva, P.**. InterCriteria Analysis: Application for ECG Data Analysis. Mathematics, 9, 8, MDPI, 2021, ISSN:2227-7390, DOI:10.3390/math9080854, 854. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/2227-7390/9/8/854) | 1.000 | 100.00 |
| 36 | **Jereva, D.**, **T. Pencheva**, **I. Tsakovska**, **P. Alov**, **I. Pajeva**. Exploring Applicability of InterCriteria Analysis to Evaluate the Performance of MOE and GOLD Scoring Functions. Studies in Computational Intelligence, 961, Springer, 2021, ISBN:978-3-030-71616-5, DOI:https://doi.org/10.1007/978-3-030-71616-5\_18, 198-208. SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-71616-5_18) | 1.000 | 100.00 |
| 37 | **Kamenska, T.**, Abrashev, M., Georgieva M., **Krasteva N.**. Impact of Polyethylene Glycol Functionalization of Graphene Oxide on Anticoagulation and Haemolytic Properties of Human Blood.. Materials, 14, 17, MDPI, 2021, DOI:https://doi.org/10.3390/ma14174853, 4853. SJR (Scopus):0.68, JCR-IF (Web of Science):3.623   **Q2 (Web of Science)**   [Линк](https://www.mdpi.com/1996-1944/14/17/4853) | 1.000 | 50.00 |
| 38 | **Kostadinova, A.**, **Staneva, G.**, **Benkova, D.**, **Yordanova, V.**, **Hazarosova, R.**, **Veleva, R.**, **Nesheva, A.**, **Momchilova, A.**, Yankova, R., Elzorkany, H., Elshoky, H. Interactions of chitosan-based nanoparticles with bio-inspired membranes. Oxidation Communications, 44, 1, 2021, 63-71. SJR (Scopus):0.224   **Q3 (Scopus)**   [Линк](https://scibulcom.net/en/journal/0209-4541) | 1.000 | 72.73 |
| 39 | **Krasteva N**, Staneva D, Vasileva B, Miloshev G, Georgieva M. Bioactivity of pegylated graphene oxide nanoparticles combined with near-infrared laser irradiation studied in colorectal carcinoma cells.. Nanomaterials, 11, 11, MDPI, 2021, DOI:10.3390/nano11113061, 3061. SJR (Scopus):0.92, JCR-IF (Web of Science):5.076   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/2079-4991/11/11/3061) | 1.000 | 20.00 |
| 40 | **Krasteva V**, **Christov I**, Naydenov S, **Stoyanov T**, **Jekova I**. Application of Dense Neural Networks for Detection of Atrial Fibrillation and Ranking of Augmented ECG Feature Set. Sensors, 21, 20, MDPI, 2021, ISSN:1424-8220, DOI:10.3390/s21206848, 6848-pp. 1-35. SJR (Scopus):0.636, JCR-IF (Web of Science):3.576   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/1424-8220/21/20/6848) | 1.000 | 80.00 |
| 41 | **Lessigiarska, I.**, Peng, Y., **Tsakovska, I.**, **Alov, P.**, Lagarde, N., **Jereva, D.**, Villoutreix, B.O., Nicot, A.B., **Pajeva, I.**, **Pencheva, T.**, Miteva, M.A.. Computational Analysis of Chemical Space of Natural Compounds Interacting with Sulfotransferases. Molecules, 26, MDPI, 2021, DOI:https://doi.org/10.3390/molecules26216360, 6360. JCR-IF (Web of Science):4.411   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/2305-6304/9/5/92) | 1.000 | 54.55 |
| 42 | **Mancheva, K.**, Danova, S., Vilhelmova-Ilieva, N., Dobreva, L., Kostova, K., Simeonova, L., Atanasov, G.. Viral pathogens with economic impact in aquaculture. Acta Microbiologica Bulgarica, 37, 3, Bulgarian Society for Microbiology (Union of Scientists in Bulgaria), 2021, ISSN:ISSN 0204-8809 Print / ISSN 2603-3755 Online, 111-121   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85117250800&origin=resultslist&sort=plf-f&src=s&st1=Mancheva&st2=Kapka&nlo=1&nlr=20&nls=first-t&sid=ebcbbb516a5f99c9bedf547fc0c40a06&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Mancheva%2c+Kapka%22+57194895) | 1.000 | 14.29 |
| 43 | **Mancheva, K.**, Danova, S., Vilhelmova-Ilieva, N., Simeonova, L., Dobreva, L., Atanasov, G.. Viral pathogens with economic impact for aquaculture. III International Baku Scientific Research Congress, Baku Eurasia University, 2021, ISBN:ISBN: 978-1-955094-17-7, 960-964   **Национално академично издателство (Друга база (не влиза в К2))**   [Линк](https://09ac859f-21d1-4d36-8f64-a4f1c989a42e.filesusr.com/ugd/262ebf_7a76a2d70b9c4f82839fd0a19ec4c0f5.pdf) | 1.000 | 16.67 |
| 44 | **Momchilova, A.**, **Markovska, T.**, Georgiev, G., **Pankov, S.**, **Alexandrov, A.**, Krastev, P., **Staneva, G.**, Pankov, R. Effect of miltefosine and dimethylsphingosine on lung adenocarcinoma cells cultured in three-dimensional conditions. Comptes rendus de l’Acad´emie bulgare des Sciences, 74, 7, 2021, ISSN:1310-1331, 995-1002. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](http://www.proceedings.bas.bg/) | 1.000 | 62.50 |
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| 53 | **Ribagin, S.**, **Vassilev, P.**, **Zoteva, D.**. Generalized Net Model of an Active Elbow Orthosis Prototype. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, ISSN:2194-5357, DOI:https://doi.org/10.1007/978-3-030-47024-1\_18, 167-173   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-47024-1_18) | 1.000 | 100.00 |
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| 68 | **Taneva, S.G.**, **Krumova, S.**, Bogár, F., Kincses, A., **Stoichev, S.**, **Todinova, S. J.**, **Danailova, A.**, Horvath, J., Násztor, Z., Kelemen, L., Dér, A.. Insights into graphene oxide interaction with human serum albumin in isolated state and in blood plasma. International Journal of Biological Macromolecules, 175, Elsevier, 2021, ISSN:01418130, DOI:10.1016/j.ijbiomac.2021.01.151, 19-29. SJR (Scopus):0.97, JCR-IF (Web of Science):5.953   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85100553770&origin=resultslist&sort=plf-f) | 1.000 | 45.45 |
| 69 | **Todinova S.**, **Krumova S.**, Bogdanova D., **Danailova A.**, Zlatareva E., Kalaydzhiev N., **Langari A.**, Milanov I., **Taneva S. G.**. Red Blood Cells’ Thermodynamic Behavior in Neurodegenerative Pathologies and Aging. Biomolecules, 11, MDPI, 2021, DOI:https://doi.org/10.3390/biom11101500, JCR-IF (Web of Science):4.879   **Q2 (Scopus)**   [Линк](https://www.mdpi.com/2218-273X/11/10/1500) | 1.000 | 55.56 |
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| 73 | **Uzunova, V.**, Tsiapla, A.-R., **Stoyanova, T.**, Myrovali, E., Momchilova, A., Kalogirou, O., **Tzoneva, R.**. BIOCOMPATIBILITY OF IRON OXIDE NANOPARTICLES. Journal of Chemical Technology and Metallurgy, 56, 6, -, 2021, ISSN:1314-7978, DOI:-, 1187-1191. SJR (Scopus):0.22, JCR-IF (Web of Science):0.81   **Q3 (Scopus)**   [Линк](https://dl.uctm.edu/journal/node/j2021-6/8_20-194p1187-1191.pdf) | 1.000 | 42.86 |
| 74 | **Vassilev, P.**, **Atanassov, K.**. A note on intuitionistic fuzzy sets, interval valued intuitionistic fuzzy sets and picture fuzzy sets. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, ISSN:2194-5357, DOI:10.1007/978-3-030-47024-1\_3, 24-28   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85087753637&origin=resultslist&sort=plf-f&src=s&st1=A+note+on+intuitionistic+fuzzy+sets%2cinterval+valued+intuitionistic+fuzzy+sets+and+picture+fuzzy+sets&sid=f14384900f19f85c60c01cc9b8f68fb3&sot=b) | 1.000 | 100.00 |
| 75 | **Vassilev, P.**, **Todorova, L.**, **Marinov, E.**. On intuitionistic fuzziness. Book series Studies in Computational Intelligence, Research in Computer Science in the Bulgarian Academy of Sciences, 934, Studies in Computational Intelligence, 2021, DOI:10.1007/978-3-030-72284-5\_11, 227-254. SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111154544&doi=10.1007%2f978-3-030-72284-5_11&partnerID=40&md5=284b16b946da52ac770a5454838b8dc1) | 1.000 | 100.00 |
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| 79 | **Zoteva, D.**, **Roeva, O.**, Tsakov, H.. Forest Fire Analysis Based on InterCriteria Analysis. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISSN:2194-5357, 241-253   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scimagojr.com/journalsearch.php?q=5100152904&tip=sid&clean=0) | 1.000 | 66.67 |
| 80 | **Zoteva, D.**, **Vassilev, P.**, **Todorova, L.**, **Atanassov, K.**, Doukovska, L., Tzanov, V.. Generalized Net Model of Cyber-control of the Firm's Dumpers and Crushers. Studies in Big Data, 84, Springer, 2021, ISSN:2197-6503, DOI:10.1007/978-3-030-65722-2\_15, 245-253   **Международно академично издателство (ZentralBlatt)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-65722-2_15) | 1.000 | 66.67 |
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| 83 | Angelova, N., **Atanassov, K. T.**. Research on intuitionistic fuzzy negations. Notes on Intuitionistic Fuzzy Sets, 27, 3, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:doi.org/10.7546/nifs.2021.27.3.18-31, 18-31   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 50.00 |
| 84 | Angelova, N., **Atanassov, K.**. Research on intuitionistic fuzzy implications. Notes on Intuitionistic Fuzzy Sets, 27, 2, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nifs.2021.27.2.20-93, 20-93   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 50.00 |
| 85 | Angelova, Ts., **Uzunova, V.**, Rangelova, N., Georgieva, N., Momchilova, A., **Tzoneva, R.**. BIOCOMPATIBILITY AND ANTIFUNGAL ACTIVITY OF SILVER DOPED SiO2/PECTIN COMPOSITE MATERIALS. 56, 5, Journal of Chemical Technology and Metallurgy, 2021, ISSN:13147471, 13147978, 938-944. SJR (Scopus):0.22   **Q3 (Scopus)**   [Линк](https://dl.uctm.edu/journal/node/j2021-5/7-20-145_p_938-944.pdf) | 1.000 | 33.33 |
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| 87 | Anichina, K., Argirova, M., **Tzoneva, R.**, **Uzunova, V.**, Mavrova, A., Vuchev, D., Popova-Daskalova, G., Fratev, F., Guncheva, M., Yancheva, D.. 1H-benzimidazole-2-yl hydrazones as tubulin-targeting agents: Synthesis, structural characterization, anthelmintic activity and antiproliferative activity against MCF-7 breast carcinoma cells and molecular docking studies. Chemico-Biological Interactions, 345, 109540, ELSEVIER, 2021, ISSN:0009-2797, DOI:doi:10.1016/j.cbi.2021.109540, 1-14. SJR (Scopus):0.94, JCR-IF (Web of Science):5.192   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.sciencedirect.com/science/article/abs/pii/S0009279721001769) | 1.000 | 20.00 |
| 88 | Antonov, A., **Zoteva, D.**, **Roeva, O.**. Influence of the Indoor Hockey "Push & Flick" methodology on the ball speed during the penalty corner shooting. Advances in Intelligent Systems and Computing, 1308, 2021, ISSN:2194-5357, 216-229   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scimagojr.com/journalsearch.php?q=5100152904&tip=sid&clean=0) | 1.000 | 66.67 |
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| 91 | Bureva, V., Traneva, V., **Zoteva, D.**, Tranev, S.. Generalized Net Model Simulation of Cluster Analysis Using CLIQUE: Clustering in Quest. Studies in Computational Intelligence, 902, Springer, 2021, DOI:https://doi.org/10.1007/978-3-030-55347-0\_5, 48-60. SJR (Scopus):0.22   **Q4 (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-55347-0_5) | 1.000 | 25.00 |
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| 93 | Dimov, S.,, Mavrova, A.,, Yancheva, D.,, **Nikolova, B.**, **Tsoneva, I.**. Thieno[2,3-d]pyrimidin-4(3H)-one Derivatives of Benzimidazole as Potential Anti-Breast Cancer (MDA-MB-231, MCF-7) Agents.. Anticancer Agents Med Chem., 21, 11, 2021, DOI:10.2174/1871520620666200721131431, 1441-1450. SJR (Scopus):0.51, JCR-IF (Web of Science):2.049   **Q3 (Scopus)**   [Линк](https://www.eurekaselect.com/node/184004/article/thieno23-dpyrimidin-43h-one-derivatives-of-benzimidazole-as-potential-anti-breast-cancer-mda-mb-231-mcf-7-agents) | 1.000 | 40.00 |
| 94 | Elshoky H.A., **Yotsova E.**, Farghali M.A., Farroh K.Y., El-Sayed K., Elzorkany H.E., **Rashkov G.**, **Dobrikova A.**, **Borisova P.**, **Stefanov M.**, Ali M.A., **Apostolova E.**. Impact of foliar spray of zinc oxide nanoparticles on the photosynthesis of Pisum sativum L. under salt stress. Plant Physiology and Biochemistry, 167, Elsevier, 2021, DOI:10.1016/j.plaphy.2021.08.039, 607-618. SJR (Scopus):1.17, JCR-IF (Web of Science):4.27   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://doi.org/10.1016/j.plaphy.2021.08.039) | 1.000 | 50.00 |
| 95 | Evangelatov A., Naidenova D., Georgiev G., **Momchilova A.**, Pankov R.. Effects of hyperglycemia on wound healing in three-dimensional cell culture. Comptes rendus de l’Acade'mie bulgare des Sciences, 74, 6, BAS Publishing house, 2021, ISSN:1310–1331, DOI:10.7546/CRABS.2021.06.08, 861-867. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85109000972&origin=resultslist&sort=plf-f&src=s&st1=Momchilova&st2=A.&nlo=1&nlr=20&nls=count-f&sid=37a8a9df7f65270b764b25a9141be0c6&sot=anl&sdt=aut&sl=34&s=AU-ID%28%22Momchilova%2c+A.%22+6603633933) | 1.000 | 20.00 |
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| 98 | Fidanova, S., Ganzha, M., **Roeva, O.**. InterCriteria Analyzis of Hybrid Ant Colony Optimization Algorithm for Multiple Knapsack Problem. Proceedings of the 16th Conference on Computer Science and Intelligence Systems, FedCSIS 2021, 2021, ISBN:978-839591838-4, 173-180   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85117815126&origin=resultslist&sort=plf-f&src=s&st1=Roeva&st2=O.&nlo=1&nlr=20&nls=count-f&sid=6c29a0160c40e66d6a5b744b3edf1ebb&sot=anl&sdt=aut&sl=44&s=AU-ID%28%22Roeva%2c+Olympia+Nikolaeva%22+78015) | 1.000 | 33.33 |
| 99 | Georgiev, N. I., Bryaskova, R. G., Ismail, S. R., Philipova, N. D., **Uzunova, V. P.**, Bakov, V. V., **Tzoneva, R. D.**, Bojinov, V. B.. Aggregation induced emission in 1,8-naphthalimide embedded nanomicellar architecture as a platform for fluorescent ratiometric pH-probe with biomedical applications. Journal of Photochemistry and Photobiology A: Chemistry, 418, ELSEVIER, 2021, ISSN:1010-6030, DOI:https://doi.org/10.1016/j.jphotochem.2021.113380, 1-10. SJR (Scopus):0.71, JCR-IF (Web of Science):4.291   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.sciencedirect.com/science/article/abs/pii/S1010603021002525?via%3Dihub) | 1.000 | 25.00 |
| 100 | Georgieva, A.K.,, Toshkova, R.A, Todorova, K.S., **Tzoneva, R.D.**. Antineoplastic effects of erufosine on graffi myeloid tumour in hamsters. Bulgarian Journal of Veterinary Medicine, 24, 3, 2021, 442-449. SJR (Scopus):0.211   **Q3 (Scopus)**   [Линк](https://www.scopus.com/authid/detail.uri?authorId=6603323238) | 1.000 | 25.00 |
| 101 | Georgieva, K., Mihailova, G., Gigova, L., Dagnon, S., Simova-Stoilova, L., **Velitchkova, M.**. The role of antioxidant defense in freezing tolerance of resurrection plant Haberlea rhodopensis.. Physiol. Mol. Biol. Plants, 27, Springer, 2021, ISSN:0971-5894, DOI:10.1007/s12298-021-00998-0, 1119-1133. SJR (Scopus):0.75, JCR-IF (Web of Science):2.005   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://doi.org/10.1007/s12298-021-00998-0) | 1.000 | 16.67 |
| 102 | Georgieva, M., **Gospodinova, Z.**, **Keremidarska-Markova, M.**, **Kamenska, T.**, Gencheva, G., **Krasteva, N.**. PEGylated Nanographene Oxide in Combination with Near-Infrared Laser Irradiation as a Smart Nanocarrier in Colon Cancer Targeted Therapy. Pharmaceutics, 13, 3, mdpi, 2021, DOI:https://doi.org/10.3390/pharmaceutics13030424, 424. SJR (Scopus):0.89   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/1999-4923/13/3/424) | 1.000 | 66.67 |
| 103 | Gospodinova Z., Zupko I., Noémi B., Manova V., Georgieva M., **Todinova S. J.**, **Taneva S.G.**, Ocsovszki I., Krasteva M.. Cotinus coggygria Scop. induces cell cycle arrest, apoptosis, genotoxic effects, thermodynamic and epigenetic events in MCF7 breast cancer cells. Zeitschrift für Naturforschung C, 76, 3-4, De Gruyter, 2021, DOI:https://doi.org/10.1515/znc-2020-0087, 129-140. SJR (Scopus):0.36, JCR-IF (Web of Science):1.649   **Q3 (Scopus)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000645130600005) | 1.000 | 22.22 |
| 104 | Guncheva M., Idakieva K., **Todinova S.**, Yancheva D., Paunova-Krasteva T., Ossowicz P., Janus E.. Structural, Thermal, and Storage Stability of Rapana Thomasiana Hemocyanin in the Presence of Cholinium-Amino Acid-Based Ionic Liquids. Molecules, 26, 6, MDPI, 2021, DOI:10.3390/molecules26061714, SJR (Scopus):0.7, JCR-IF (Web of Science):4.412   **Q2 (Scopus)**   [Линк](https://www.mdpi.com/1420-3049/26/6/1714) | 1.000 | 14.29 |
| 105 | Haroun A, **Gospodinova Z**, **Krasteva N**. Amino Acid Functionalization of Multi-Walled Carbon Nanotubes for Enhanced Apatite Formation and Biocompatibility. Nano Biomedicine and Engineering, 13, 4, 2021, ISSN:2150-5578, DOI:10.5101/nbe.v13i4.p380-393, 380-393. SJR (Scopus):0.252   **Q4 (Scopus)**   [Линк](http://nanobe.org/Data/View/720?type=100) | 1.000 | 66.67 |
| 106 | Hincha D.K., Zuther E., **Popova A.V.**. Stabilization of dry sucrose glasses by four LEA\_4 proteins from Arabidopsis thaliana. Biomolecules, 11, 5, 2021, DOI:doi:10.3390/biom11050615, 615. JCR-IF (Web of Science):4.694   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85104435784&origin=resultslist&sort=plf-f) | 1.000 | 33.33 |
| 107 | Idakieva K., **Todinova S.**, Dolashki A., Velkova L., Raynova Y., Dolashka P.. Biophysical characterization of the structural stability of Helix lucorum hemocyanin. Biotechnology & Biotechnological Equipment, 35, 1, Taylor and Francis Ltd., 2021, DOI:https://doi.org/10.1080/13102818.2020.1837010, 18-28. SJR (Scopus):0.376, JCR-IF (Web of Science):1.785   **Q3 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85094951536&origin=resultslist&sort=plf-f&src=s&st1=Todinova&st2=S.&nlo=1&nlr=20&nls=count-f&sid=3beef96d341e88537e899c081d057304&sot=anl&sdt=aut&sl=39&s=AU-ID%28%22Todinova%2c+Svetla+J.%22+6507282)  | 1.000 | 16.67 |
| 108 | Ignatova V., **Todorova L.**, Haralanov L. Exogenous temporal factors for stroke onset. Comptes rendus de l’Acade'mie bulgare des Sciences, 74, 9, 2021, ISSN:1310–1331, DOI:10.7546/CRABS.2021.09.16, 1397-1405. JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85117187389&origin=resultslist&sort=plf-f&src=s&st1=EXOGENOUS+TEMPORAL+FACTORS+FOR+STROKE+ONSET&sid=ed5c1e9f52508247a9d1d0e745d27b63&sot=b&sdt=b&sl=58&s=TITLE-ABS-KEY%28EXOGENOUS+TEMPORAL+FACTORS+F) | 1.000 | 33.33 |
| 109 | Ilieva, Y., Dimitrova, L., Zaharieva, M.M., Kaleva, M., **Alov, P.**, **Tsakovska, I.**, **Pencheva, T.**, Pencheva-El Tibi, I., Najdenski, H., **Pajeva, I**. Cytotoxicity and Microbicidal Activity of Commonly Used Organic Solvents: A Comparative Study and Application to a Standardized Extract from Vaccinium macrocarpon. Toxics, 9, MDPI AG, Basel, Switzerland, 2021, ISSN:2305-6304, DOI:https://doi.org/ 10.3390/toxics9050092, 92. JCR-IF (Web of Science):4.146   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.scimagojr.com/journalsearch.php?q=21100830708&tip=sid) | 1.000 | 40.00 |
| 110 | Ivanova D., Yaneva Z., Bakalova R., **Semkova S.**, **Zhelev Zh.**. The antimalria drug Artemisinin display strong cytotoxic effect on leukaemia lymphocytes in combination with vitamin C and pro-vitamin K3. Bulgarian Journal of Veterinary Medicine, 24, 4, 2021, ISSN:ISSN 1311-1477 (print); ISSN 131-3543 (online), DOI:DOI: 10.15547/bjvm.2019-0134, 533-543. SJR (Scopus):0.167   **Q3 (Scopus)**   [Линк](http://tru.uni-sz.bg/bjvm/BJVM%20December%202021%20p.533-543.pdf) | 1.000 | 40.00 |
| 111 | Kacprzyk, J., Čunderlíková, K., Angelova, N., **Atanassov, K.**. Modifications of the Goguen's intuitionistic fuzzy implication. Notes on Intuitionistic Fuzzy Sets, 27, 4, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nifs.2021.27.4.20-29, 20-29   **Национално академично издателство (Друга база (не влиза в К2))** | 1.000 | 25.00 |
| 112 | Kancheva, V.D., Dettori, M.A., Fabbri, D., **Alov, P.**, Angelova, S.E., Slavova-Kazakova, A.K., Carta, P., Menshov, V.A., Yablonskaya, O.I., Trofimov, A.V., **Tsakovska, I.**, Saso, L.. Natural Chain-Breaking Antioxidants and Their Synthetic Analogs as Modulators of Oxidative Stress. Antioxidants, 10, MDPI AG, Basel, Switzerland, 2021, ISSN:2076-3921, DOI:https:// doi.org/10.3390/antiox10040624, 624. SJR (Scopus):1.1, JCR-IF (Web of Science):5.014   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.scimagojr.com/journalsearch.php?q=21100790818&tip=sid) | 1.000 | 16.67 |
| 113 | Kartseva T., **Dobrikova A.**, Kocheva K., Alexandrov V., Georgiev G., Brestič M., Misheva S.. Optimal nitrogen supply ameliorates the performance of wheat seedlings under osmotic stress in genotype-specific manner. Plants (Basel), 10, 3, MDPI, Switzerland, 2021, ISSN:2223-7747, DOI:10.3390/plants10030493, 493. JCR-IF (Web of Science):3.935   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://doi.org/10.3390/plants10030493) | 1.000 | 14.29 |
| 114 | Kovalchuk, V., Gołubowska, B., **Mladenov, I. M.**. Mechanics of Infinitesimal Gyroscopes on Helicoid-Catenoid Deformation Family of Minimal Surfaces. Bulletin of the Polish Academy of Sciences: Technical Sciences, 69, 2, Polish Academy of Sciences, 2021, ISSN:2300-1917, DOI:10.24425/bpasts.2021.136727, 1-10. SJR (Scopus):0.361, JCR-IF (Web of Science):1.385   **Q2 (Scopus)**   [Линк](https://journals.pan.pl/dlibra/publication/136727/edition/119411/content) | 1.000 | 33.33 |
| 115 | Lazarova D., **Semkova S.**, Zlateva G., Tatsuya H., Aoki I., Bakalova R.. Quantum Sensors To Track Total Redox-Status and Oxidative Stress in Cells and Tissues Using Electron-Paramagnetic Resonance, Magnetic Resonance Imaging, and Optical Imaging. Analytical Chemistry, 93, 5, 2021, ISSN:P-ISSN: 0003-2700; Web-ISSN:1520-6882, DOI:https://doi.org/10.1021/acs.analchem.0c04116, 2828-2837. JCR-IF (Web of Science):6.785   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://pubs.acs.org/doi/abs/10.1021/acs.analchem.0c04116) | 1.000 | 16.67 |
| 116 | Lubich, M, Andonov, V., Shannon, A., Slavov, Ch., **Pencheva, T.**, **Atanassov, K.**. A Generalized Net Model of the Human Body Excretory System. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISBN:978-3-030-77715-9, DOI:10.1007/978-3-030-77716-6\_17, 186-192   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-77716-6_17) | 1.000 | 33.33 |
| 117 | Mladenova C. D., **Mladenov I. M.**. Cayley Map for Symplectic Groups. Geom., Integrability and Quantization, 22, 2021, ISSN:1314-3247, DOI:10.7546/giq-22-2021-154-164, 154-164. SJR (Scopus):0.244   **Q4 (Scopus)**   [Линк](http://www.bio21.bas.bg/proceedings/Proceedings_files/vol22content.htm) | 1.000 | 50.00 |
| 118 | Naydenov S, Runev N, Manov E, Naydenova N, **Matveev M**, Krastev P. Diagnostic potential of signal-averaged orthogonal electrocardiography in acute myocardial infarction. Comptes Rendus de L'Academie Bulgare des Sciences, 74, 2, Publ. House Bulgarian Acad. Sci., 2021, ISSN:1310-1331, DOI:10.7546/CRABS.2021.02.16, 285-291. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](http://www.proceedings.bas.bg/DOI/doi2021_2_16.html) | 1.000 | 16.67 |
| 119 | Peeva V, Hristova V, Momchilova S, Koleva D, Ivanova A, **Momchilova A**, **Maslenkova L**. Functional and Structural Feature of Photosynthetic Apparatus of Some Halophytic and Glycophytic Representatives from Genus Lactuca (Asteraceae). Proceedings of the 5th Balkan Scientific Conference on Biology, University of Plovdiv Publishing House, 2021, 89-96   **Национално академично издателство**   [Линк](http://web.uni-plovdiv.bg/mollov/BalkanBio21/089-096_BB21_05_Peeva_et_al.pdf) | 1.000 | 28.57 |
| 120 | Podolski-Renić, A., Dinić, J., Stanković, T., **Tsakovska, I.**, **Pajeva, I.**, Tuccinardi, T., Botta, L., Schenone, S., Pešić, M.. New Therapeutic Strategy for Overcoming Multidrug Resistance in Cancer Cells with Pyrazolo[3,4-d]Pyrimidine Tyrosine Kinase Inhibitors.. Cancers, 13, MDPI, 2021, DOI:https://doi.org/10.3390/cancers13215308, 5308. JCR-IF (Web of Science):6.639   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/2072-6694/13/21/5308) | 1.000 | 22.22 |
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| 122 | Sándor, J., **Atanassov, K.**. On a Diophantine equation arising in the history of mathematics. Notes on Number Theory and Discrete Mathematics, 27, 1, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, ISSN:1310-5132, DOI:10.7546/nntdm.2021.27.1.70-75, 70-75   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000637351800008) | 1.000 | 50.00 |
| 123 | Sandor, J., **Atanassov, K.T.**. Arithmetic Functions. **Book,** NOVA Science Publishers, 2021, ISBN:978-1-53619-475-3, 1-241   **Реномирано международно издателство (Scopus)**   [Линк](https://novapublishers.com/shop/arithmetic-functions/) | 1.000**Монография** | 50.00 |
| 124 | Sapundzhiev P, **Momchilova A**, Vassileva P, Kirilova Y, Ivanova R, Bozhilova ME, **Staneva G**, Krastev P, Pankov R, **Alexandrov AS**. Plasmapheresis Affects Ophthalmological Parameters and Oxidative Stress in Patients with Multiple Sclerosis and Neuromyelitis Optica. Archives in Biomedical Engineering & Biotechnology, 5, 4, 2021, ISSN:2687-8100, DOI:10.33552/ABEB.2021.05.000617   **Друго (Друга база (не влиза в К2))** | 1.000 | 27.27 |
| 125 | Shannon, A. G., **Atanassov, K. T.**. A short remark on an arithmetic function. Notes on Number Theory and Discrete Mathematics, 27, 3, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nntdm.2021.27.3.12-15, 12-15   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000692998700002) | 1.000 | 50.00 |
| 126 | Shishkova I.K., Stratiev D.S., Tavlieva M.P., Dinkov R.K., Yordanov D., Sotirov S., Sotirova E., **Atanassova V**, **Ribagin S.**, **Atanassov K.**, **Stratiev D.D.**, Todorova-Yankova L.. Evaluation of the different compatibility indices to model and predict oil colloidal stability and its relation to crude oil desalting. Resources, 10, 8, 2021, ISSN:2079-9276, DOI:10.3390/resources10080075, SJR (Scopus):0.749   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111598101&origin=resultslist&sort=plf-f) | 1.000 | 33.33 |
| 127 | Sonkin, M. A., Khamukhin, A.A., Pogrebnoy, A.V., Marinov, P., **Atanassova, V.**, **Roeva, O.**, **Atanassov, K.**, Alexandrov, A.. Intercriteria analysis as tool for acoustic monitoring of forest for early detection fires. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, DOI:10.1007/978-3-030-47024-1\_22, 205-213   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087793130&doi=10.1007%2f978-3-030-47024-1_22&partnerID=40&md5=fe65edcc8a885d112d4372a9d5604d16) | 1.000 | 37.50 |
| 128 | Stratiev D., Shishkova I., Dinkov R., Petrov I., Kolev I., Yordanov D., Sotirov S., Sotirova E., **Atanassova V.**, **Ribagin S.**, **Atanassov K.**, **Stratiev D.**, Nenov S.. Crude Slate, FCC Slurry Oil, Recycle, and Operating Conditions Effects on H-Oil® Product Quality. Processes, 9, 6, MDPI, 2021, ISSN:2079-9276, DOI:10.3390/pr9060952, SJR (Scopus):0.41, JCR-IF (Web of Science):2.847   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85107808832&origin=resultslist&sort=plf-f) | 1.000 | 30.77 |
| 129 | Stratiev, D. S., Shishkova, I. K., Dinkov, R. K., Petrov, I. P., Kolev, I. V., Yordanov, D., Sotirov, S., Sotirova, E., **Atanassova, V.**, **Ribagin, S.**, **Atanassov, K.**, **Stratiev, D. D.**, Nenov, S., Todorova-Yankova, L., Zlatanov, K.. Empirical Models to Characterize the Structural and Physiochemical Properties of Vacuum Gas Oils with Different Saturate Contents. Resources, 10, 7, MDPI, 2021, ISSN:2079-9276, DOI:10.3390/resources10070071, SJR (Scopus):0.749   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111048939&origin=resultslist&sort=plf-f) | 1.000 | 26.67 |
| 130 | Stratiev, D., Nenov, S., Nedanovski, D., Shishkova, I., Dinkov, R., **Stratiev, D. D.**, Stratiev, D. D., Sotirov, S., Sotirova, E., Atanassova, V., **Atanassov, K.**, Yordanov, D., Angelova, N., Ribagin. S., Todorova-Yankova, L.. Different Nonlinear Regression Techniques and Sensitivity Analysis as Tools to Optimize Oil Viscosity Modeling. Resources, 10, 10, MDPI, 2021, DOI:10.3390/resources10100099, SJR (Scopus):0.749   **Q2 (Scopus)**   [Линк](https://www.scopus.com/results/references.uri?sort=cp-f&src=r&imp=t&sid=a4cdbabc65bd32fdae9a6b15d6590640&sot=rec&sdt=citedreferences&sl=19&s=CITEID%2885116470513%29&origin=recordpage&citingId=2-s2.0-85116470513&citeCnt=1&txGid=b0ca43a655f15f45f4d638d) | 1.000 | 13.33 |
| 131 | Stratiev, D., S. Nenov, I. Shishkova, R. Dinkov, K. Zlatanov, D. Yordanov, S. Sotirov, E. Sotirova, **V. Atanassova**, **K. Atanassov**, **D. Stratiev**, L. Todorova‐Yankova. Comparison of Empirical Models to Predict Viscosity of Secondary Vacuum Gas Oils. Resources, 10, 8, MDPI, 2021, DOI:https://doi.org/10.3390/resources10080082, 82. SJR (Scopus):0.749   **Q2 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112751878&doi=10.3390%2fresources10080082&partnerID=40&md5=d03358267f536eb455d3d2ab97ea63cb) | 1.000 | 25.00 |
| 132 | Stratiev, D., Shishkova, I., Ivanov, M., Dinkov, R., Georgiev, B., Argirov, G., **Atanassova, V.**, **Vassilev, P.**, **Atanassov, K.**, Yordanov, D., Popov, A., Padovani, A., Hartmann, U., Brandt, S., Nenov, S., Sotirov, S., Sotirova, E.. Role of Catalyst in Optimizing Fluid Catalytic Cracking Performance during Cracking of H-Oil-Derived Gas Oils. ACS Omega, 6, 11, American Chemical Society, 2021, ISSN:2470-1343, DOI:10.1021/acsomega.0c06207, 7626-7637. SJR (Scopus):0.767, JCR-IF (Web of Science):2.87   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103506882&doi=10.1021%2facsomega.0c06207&partnerID=40&md5=05df0fd50b5b98fc263cd87fe44aace1) | 1.000 | 17.65 |
| 133 | Stratiev, D., Shishkova, I., Ivanov, M., Dinkov, R., Georgiev, B., Argirov, G., **Atanassova, V.**, **Vassilev, P.**, **Atanassov, K.**, Yordanov, D., Popov, A., Padovani, A., Hartmann, U., Nenov, S.. Catalytic Cracking of Diverse Vacuum Residue Hydrocracking Gas Oils. Chemical Engineering and Technology, 44, 6, Wiley-VCH Verlag, 2021, DOI:10.1002/ceat.202000577, 997-1008. SJR (Scopus):0.441, JCR-IF (Web of Science):1.543   **Q2 (Web of Science)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102624191&doi=10.1002%2fceat.202000577&partnerID=40&md5=4b5fa269a8e9f052359559c65a16021e) | 1.000 | 21.43 |
| 134 | Tan Y, **Ivanov K**, Mei Z, Li H, Li H, Lubich L, Wang C, Wang L. A Soft Wearable and Fully-Textile Piezoresistive Sensor for Plantar Pressure Capturing. Micromachines, 12, 2, MDPI, 2021, ISSN:2072-666X, DOI:10.3390/mi12020110, 110. SJR (Scopus):0.575, JCR-IF (Web of Science):2.891   **Q2 (Web of Science)**   [Линк](https://www.mdpi.com/2072-666X/12/2/110) | 1.000 | 12.50 |
| 135 | Thorn R.G., Banwell A., Pham T.H., Vidal N.P., Manful C.F., Nadeem M., **Ivanov A.G.**, Szyszka-Mroz B., Bonneville M.B., Hüner N.P.A., Piercey-Normore M.D., Thomas R.. Identification and analyses of the chemical composition of a naturally occurring albinomutant chanterelle. Scientific Reports, 11, 20590, 2021, DOI:https://doi.org/10.1038/s41598-021-99787-8, JCR-IF (Web of Science):4.379   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.nature.com/articles/s41598-021-99787-8) | 1.000 | 8.33 |
| 136 | Todorova, N., Rangelov, M., Bogoeva, V., Stoyanova, V., Yordanova, A., Nikolova, G., Georgiev, H., **Dimitrova, D.**, Mohedin, S., Stoyanova, K., Tsacheva, I.. Anti-Idiotype scFv Localizes an Autoepitope in the Globular Domain of C1q. International Journal of Molecular Sciences, 22, 15, MDPI, Basel, Switzerland, 2021, ISSN:14220067, 16616596, DOI:10.3390/ijms22158288, 8288-8288. SJR (Scopus):1.445, JCR-IF (Web of Science):5.356   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://doi.org/10.3390/ijms22158288) | 1.000 | 9.09 |
| 137 | Trendafilova E, Dimitrova E, Didon JP, **Krasteva V**. A Randomized Comparison of Delivered Energy in Cardioversion of Atrial Fibrillation: Biphasic Truncated Exponential versus Pulsed Biphasic Waveforms. Diagnostics, 11, 6, MDPI, 2021, ISSN:2075-4418, DOI:10.3390/diagnostics11061107, 1107-13 pages. SJR (Scopus):0.622, JCR-IF (Web of Science):3.706   **Q2 (Web of Science)**   [Линк](https://www.mdpi.com/2075-4418/11/6/1107) | 1.000 | 25.00 |
| 138 | Tzanov, V., **Todorova, L.**, **Zoteva, D.**, Dukovska, L.. Generalized net model of processes of loading and transportation of raw materials of open construction sites.. In International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, Springer, Cham, 2021, DOI:https://doi.org/10.1007/978-3-030-47024-1\_19, 174-183   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-47024-1_19) | 1.000 | 50.00 |
| 139 | Vasilev, V., Sotirova, E., **Atanassov, K.**, Sotirov, S.. Intuitionistic Fuzzy Assessments of the Abdominal Aorta and Its Branches. Advances in Intelligent Systems and Computing, 1197, Springer, 2021, DOI:10.1007/978-3-030-51156-2\_4, 26-31   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088748819&doi=10.1007%2f978-3-030-51156-2_4&partnerID=40&md5=7886eebfb6d925ea24325949a3728a53) | 1.000 | 25.00 |
| 140 | Vasileva B., Staneva D., **Krasteva N.**, Miloshev G., Georgieva M. Changes in chromatin organization eradicate cellular stress resilience to irradiation with UVA/B light and induce premature ageing. Cells, 10, 7, mdpi, 2021, DOI:https://doi.org/10.3390/cells10071755, 1755. SJR (Scopus):1.22   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/2073-4409/10/7/1755) | 1.000 | 20.00 |
| 141 | Velikova V., **Petrova N.**, Kovács L., Petrova A., Koleva D., Tsonev T., **Taneva S.**, Petrov P., **Krumova S.**. Single-Walled Carbon Nanotubes Modify Leaf Micromorphology, Chloroplast Ultrastructure and Photosynthetic Activity of Pea Plants. Int. J. Mol. Sci., 22, 9, MDPI, Switzerland, 2021, DOI:doi: 10.3390/ijms22094878, 4878. JCR-IF (Web of Science):5.924   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85105148737&origin=resultslist&sort=plf-f&src=s&sid=ca1abf947a3a1d68874e1981dc07fc55&sot=b&sdt=b&sl=143&s=TITLE-ABS-KEY%28Single-Walled+Carbon+Nanotubes+Modify+Leaf+Micromorphology%2c+Chloroplast+U) | 1.000 | 33.33 |
| 142 | Videv P., Mladenov N., **Andreeva T.**, Mladenova K., Moskova-Doumanova V., Nikolaev G., Petrova S.D., Doumanov J.A.. Condensing Effect of cholesterol on hBest1/POPC and hBest1/SM Langmuir monolayers.. Membranes, 11, 1, MDPI, 2021, ISSN:2077-0375, DOI:10.3390/membranes11010052, 1-8. JCR-IF (Web of Science):4.106   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://pubmed.ncbi.nlm.nih.gov/33451008/) | 1.000 | 12.50 |
| 143 | Vitkova, V., **Yordanova, V.**, **Staneva, G.**, Petkov, O., Stoyanova-Ivanova, A., Antonova, K., Popkirov, G. Dielectric properties of phosphatidylcholine membranes and the effect of sugars. Membranes, 11, 11, MDPI, 2021, ISSN:2077-0375, DOI:https://doi.org/10.3390/membranes11110847, SJR (Scopus):0.609, JCR-IF (Web of Science):4.106   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.mdpi.com/journal/membranes) | 1.000 | 28.57 |
| 144 | Zorrig W., Msilini N., Amdouni T., Farhat N., Chibani F., Lachaâl M., Abdelly C., **Ivanov A.G.**, Karray-Bouraoui N., Rabhi M.. Optimal salt treatment alleviates detrimental effects of severe nutrient deficiencies in Sesuvium portulacastrum. Arab. J. Geosci, 14, 2251, 2021, DOI:https: //doi.org/10.1007/s12517-021-08655-2, SJR (Scopus):0.42, JCR-IF (Web of Science):1.827   **Q2**   [Линк](https://link.springer.com/article/10.1007/s12517-021-08655-2) | 1.000 | 10.00 |
| Коригиран брой: 144.000 |

# II. Научни публикации в издания, индексирани в WoS, Scopus, ERIH+(публикувани)

* ****Звено****: ( ИББИ ) Институт по биофизика и биомедицинско инженерство
* **Тип на публикацията**:
Глава от научна монография
Студия в научно списание
Статия в научно списание
Статия в сборник на научен форум
Студия в тематичен сборник
Статия в тематичен сборник
Научно съобщение
* **Статус на изданието**:
Q1 - оглавява ранглистата
Q1, не оглавява ранглистата
Q2
Q3
Q4
SJR, непопадащ в Q категория
Без JCR или SJR – индексиран в WoS или Scopus
Индексирано в ERIH+
* **Година на публикуване**: 2021 ÷ 2021
* **Тип записи**: Записи, които влизат в отчета на звеното

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| --- | --- | --- | --- |
| **№** | **Публикация** | **Коригиращ Коефициент** | **Процент автори от звеното** |
| 1 | **Al Sharif M.**. Development of mode of action networks related to the potential role of PPARγ in respiratory diseases. Pharmacological research, 172, 105821, Elsevier, 2021, ISSN:1043-6618, DOI:10.1016/j.phrs.2021.105821, SJR (Scopus):1.85, JCR-IF (Web of Science):7.658   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.sciencedirect.com/science/article/abs/pii/S1043661821004059?via%3Dihub) | 1.000 | 100.00 |
| 2 | **Al Sharif, M.**, **Alov, P.**, Vitcheva, V., **Diukendjieva, A.**, Aluani, D., Tzankova, V., **Pajeva, I.**. Development of a protocol for virtual screening of PPARγ weak partial agonists and their metabolites: case study on naturally-derived oleanane triterpenoids. Int J Bioautomation, 25, 2, BAS, Institute of Biophysics and Biomedical Engineering, 2021, ISSN:1314-2321, DOI:10.7546/ijba.2021.25.2.000792, 117-132. SJR (Scopus):0.178   **Q4 (Scopus)**   [Линк](https://biomed.bas.bg/bioautomation/2021/vol_25.2/files/25.2_01.pdf) | 1.000 | 57.14 |
| 3 | **Andreev, N.**, **Pencheva, T.**, **Ribagin, S.**, **Atanassov, K.**. Generalized net model of blood donation processes. Advances in Intelligent Systems and Computing, 1081, 2021, DOI:10.1007/978-3-030-47024-1\_16, 147-154   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-47024-1_16) | 1.000 | 100.00 |
| 4 | **Andreeva T.**, Komsa-Penkova R., **Langari A.**, **Krumova S.**, Golemanov G., Georgieva G.B., **Taneva S.G.**, **Giosheva I.**, Mihaylova N., Tchorbanov A., **Todinova S.**. Morphometric and Nanomechanical Features of Platelets from Women with Early Pregnancy Loss Provide New Evidence of the Impact of Inherited Thrombophilia. International Journal o f Molecular Sciences, 22, MDPI, 2021, DOI:https://doi.org/10.3390/ijms22157778, SJR (Scopus):1.46, JCR-IF (Web of Science):5.924   **Q1, не оглавява ранглистата (Scopus)**   [Линк](https://www.mdpi.com/1422-0067/22/15/7778#metrics) | 1.000 | 54.55 |
| 5 | **Angelova S.**, Raikov P., Petrov E., **Raikova R.**. A prototype of an active elbow orthosis - problems of mechanical design and orthosis control. Series on Biomechanics, 35, 3, Институт по механика, 2021, 3-11. SJR (Scopus):0.2   **Q4 (Scopus)**   [Линк](http://jsb.imbm.bas.bg/page/en/details.php?article_id=491) | 1.000 | 50.00 |
| 6 | **Atanassov, K. T.**. Formulas for the n-th prime number. Notes on Number Theory and Discrete Mathematics, 27, 4, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, ISSN:1310-5132, DOI:10.7546/nntdm.2021.27.4.129-139, 129-139   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** | 1.000 | 100.00 |
| 7 | **Atanassov, K.**, **Atanassova, V.**. Temporal intuitionistic fuzzy pairs. Proceedings of the Jangjeon Mathematical Society, 24, 3, Jangjeon Mathematical Society, 2021, ISSN:1598-7264, DOI:10.17777/pjms2021.24.3.343, 343-352. SJR (Scopus):0.22   **Q4 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85111878921&origin=resultslist&sort=plf-f) | 1.000 | 100.00 |
| 8 | **Atanassov, K.**, **Marinov, E.**. Four Distances for Circular Intuitionistic Fuzzy Sets. Mathematics, 9, 10, 2021, DOI:https://doi.org/10.3390/math9101121, 1121. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000655196300001) | 1.000 | 100.00 |
| 9 | **Atanassov, K.**, **Vassilev, P.**, **Atanassova, V.**, **Roeva, O.**, Iliev, R., Zoteva, D., Bureva, V., Mavrov, D., Alexandrov, A.. Generalized Net Model of Forest Zone Monitoring by UAVs. Mathematics, 9, 22, MDPI, 2021, ISSN:2227-7390, DOI:https://doi.org/10.3390/math9222874, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000728043700001) | 1.000 | 44.44 |
| 10 | **Atanassov, K.**, **Vassilev, P.**, **Roeva, O.**. Level operators over intuitionistic fuzzy index matrices. Mathematics, 9, 4, 2021, DOI:10.3390/math9040366, 366. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=13&SID=F1eskoEZgzrEKyIhDmT&page=1&doc=1) | 1.000 | 100.00 |
| 11 | **Atanassov, K.**, Angelova, N., **Atanassova, V.**. On an intuitionistic fuzzy form of the Goguen’s implication. Mathematics, 9, 6, MDPI, 2021, DOI:10.3390/math9060676, Art. 676. SJR (Scopus):0.495, JCR-IF (Web of Science):2.258   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000645335700001) | 1.000 | 66.67 |
| 12 | **Atanassov, K.**, Bureva, V.. Four Operations over Extended Intuitionistic Fuzzy Index Matrices and Some of Their Applications. Studies in Computational Intelligence, 902, 2021, DOI:10.1007/978-3-030-55347-0\_3, 27-39. SJR (Scopus):0.185   **Q4 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090528520&doi=10.1007%2f978-3-030-55347-0_3&partnerID=40&md5=aec7ddfb84cd37c7eb2fb412973e3322) | 1.000 | 50.00 |
| 13 | **Atanassov, K.**, Vasilev, V., **Andonov, V.**, Sotirova, E.. A Generalized Net Model of the Abdominal Aorta and Its Branches as a Part of the Vascular System. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISBN:978-3-030-77715-9, DOI:10.1007/978-3-030-77716-6\_16, 175-185   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://link.springer.com/chapter/10.1007/978-3-030-77716-6_16) | 1.000 | 50.00 |
| 14 | **Atanassov, K.**. A short remark on a new Fibonacci-type sequence. Notes on Number Theory and Discrete Mathematics, 27, 2, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, DOI:10.7546/nntdm.2021.27.2.168-171, 168-171   **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)**   [Линк](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000665848000018) | 1.000 | 100.00 |
| 15 | **Atanassov, K.**. Elliptic intuitionistic fuzzy sets. Comptes rendus de l’Académie bulgare des Sciences, 74, 6, Prof. Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2021, 812-819. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109020704&doi=10.7546%2fCRABS.2021.06.02&partnerID=40&md5=cc7471ea552b6e36d3ee55a85cc816db) | 1.000 | 100.00 |
| 16 | **Atanassov, K.**. Extended Interval Valued Intuitionistic Fuzzy Index Matrices. Advances in Intelligent Systems and Computing, 1081, Springer, 2021, 3-12   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087781806&doi=10.1007%2f978-3-030-47024-1_1&partnerID=40&md5=581e7f5db26e810e265d55fa3d69a2d6) | 1.000 | 100.00 |
| 17 | **Atanassov, K.**. Intuitionistic Fuzzy Temporal-Modal Operators. Advances in Intelligent Systems and Computing, 1308, Springer, 2021, ISBN:978-3-030-77715-9, DOI:10.1007/978-3-030-77716-6\_1, 3-15   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://doi.org/10.1007/978-3-030-77716-6_1) | 1.000 | 100.00 |
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| 87 | Evangelatov A., Naidenova D., Georgiev G., **Momchilova A.**, Pankov R.. Effects of hyperglycemia on wound healing in three-dimensional cell culture. Comptes rendus de l’Acade'mie bulgare des Sciences, 74, 6, BAS Publishing house, 2021, ISSN:1310–1331, DOI:10.7546/CRABS.2021.06.08, 861-867. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378   **Q2 (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85109000972&origin=resultslist&sort=plf-f&src=s&st1=Momchilova&st2=A.&nlo=1&nlr=20&nls=count-f&sid=37a8a9df7f65270b764b25a9141be0c6&sot=anl&sdt=aut&sl=34&s=AU-ID%28%22Momchilova%2c+A.%22+6603633933) | 1.000 | 20.00 |
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| 90 | Fidanova, S., Ganzha, M., **Roeva, O.**. InterCriteria Analyzis of Hybrid Ant Colony Optimization Algorithm for Multiple Knapsack Problem. Proceedings of the 16th Conference on Computer Science and Intelligence Systems, FedCSIS 2021, 2021, ISBN:978-839591838-4, 173-180   **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)**   [Линк](https://www.scopus.com/record/display.uri?eid=2-s2.0-85117815126&origin=resultslist&sort=plf-f&src=s&st1=Roeva&st2=O.&nlo=1&nlr=20&nls=count-f&sid=6c29a0160c40e66d6a5b744b3edf1ebb&sot=anl&sdt=aut&sl=44&s=AU-ID%28%22Roeva%2c+Olympia+Nikolaeva%22+78015) | 1.000 | 33.33 |
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| 120 | Stratiev, D., Shishkova, I., Ivanov, M., Dinkov, R., Georgiev, B., Argirov, G., **Atanassova, V.**, **Vassilev, P.**, **Atanassov, K.**, Yordanov, D., Popov, A., Padovani, A., Hartmann, U., Brandt, S., Nenov, S., Sotirov, S., Sotirova, E.. Role of Catalyst in Optimizing Fluid Catalytic Cracking Performance during Cracking of H-Oil-Derived Gas Oils. ACS Omega, 6, 11, American Chemical Society, 2021, ISSN:2470-1343, DOI:10.1021/acsomega.0c06207, 7626-7637. SJR (Scopus):0.767, JCR-IF (Web of Science):2.87   **Q1, не оглавява ранглистата (Web of Science)**   [Линк](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103506882&doi=10.1021%2facsomega.0c06207&partnerID=40&md5=05df0fd50b5b98fc263cd87fe44aace1) | 1.000 | 17.65 |
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| Коригиран брой: 132.000 |