

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

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- **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 – индексирани в WoS или Scopus
 - Индексирани в ERIH+
- **Година на публикуване:** 2020 ÷ 2020
- **Тип записи:** Всички записи

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	Alexandrov A., Andreev, R., Ilchev, S., Boneva, A., Ivanov, S., Doshev, J.. WSN-based prediction model of microclimate in a city urbanized areas based on Extreme Learning and Kalman filter. Dimov, I., Fidanova, S. (Eds) Advances in High Performance Computing, Studies in Computational Intelligence, 902, Springer Verlag, 2020, ISBN:978-3-030-55346-3, ISSN:1860-949x, E-ISSN:1860-9503, DOI:https://doi.org/10.1007/978-3-030-55347-0_2, 15-26. SJR (Scopus):0.22 Q4 (Scopus) Линк	1.000	83.33
2	Alexandrov, A., Andreev, R., Ilchev, S., Boneva, A., Ivanov, S., Doshev, J.. Modeling and simulation of Low Power Wireless Sensor Networks based on Generalized Nets. Dimov, I., Fidanova, S. (Eds) Advances in High Performance Computing, Studies	1.000	83.33

	in Computational Intelligence, 902, Springer Verlag, 2020, ISBN:978-3-030-55346-3, ISSN:1860-949x, E-ISSN:1860-9503, DOI:https://doi.org/10.1007/978-3-030-55347-0_1, 3-14. SJR (Scopus):0.22 Q4 (Scopus) Линк		
3	Chikurtev, D. , Yovchev, K., Chikurteva, A. , Chivarov, N. . Determination of Object Location for Robotic Grasping Using Depth Vision Sensor. Mechanisms and Machine Science, 84, Springer, Cham, 2020, ISSN:2211-0984, DOI:https://doi.org/10.1007/978-3-030-48989-2_63, 596-605. SJR (Scopus):0.172 Q4 (Scopus) Линк	1.000	75.00
4	Chikurtev, D. , Bogdanov, S., Spasova, N., Ivanov, V. Prerequisites for a Self-sustaining Embedded System with Artificial Intelligence. 29-th International Scientific Conference "Electronics" - ET2020, IEEE, 2020, ISBN:978-1-7281-7427-3, DOI:10.1109/ET50336.2020.9238328 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	50.00
5	Chikurtev, D. Mobile Robot Simulation and Navigation in ROS and Gazebo. 2020 International Conference Automatics and Informatics, IEEE, 2020, ISBN:978-1-7281-9309-0, DOI:10.1109/ICA150593.2020.9311330 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
6	Chikurteva A. , Chikurtev D. . Model of Project-Based Learning Platform. 55th International Scientific Conference on Information, Communication and Energy Systems and Technologies, IEEE, 2020, ISBN:978-1-7281-7144-9, DOI:10.1109/ICEST49890.2020.9232753 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
7	Chikurteva, A. , Spasova, N., Chikurtev, D. . E-learning: technologies, application and challenges. 29-th International Scientific Conference "Electronics" - ET2020, IEEE, 2020, ISBN:978-1-7281-7427-3, DOI:10.1109/ET50336.2020.9238176 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	66.67
8	Chivarov, N. , Chikurtev, D. , Pleva, M., Ondas, S., Liao, Y. User identification and prioritization control of service robot teleoperation. 2020 11th IEEE International Conference on Cognitive Infocommunications, IEEE, 2020, ISBN:978-1-7281-8214-8, ISSN:2380-7350, DOI:10.1109/CogInfoCom50765.2020.9237871 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	40.00
9	Chivarov, N. , Chikurtev, D. Manipulator for upper limbs rehabilitation-ROBCO @. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd., 2020, ISSN:1757-8981, DOI:https://doi.org/10.1088/1757-899X/878/1/012004, SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00
10	Ilchev, S. , Andreev, R. , Ilcheva Z. , Otsetova-Dudin, E. . Computer-Aided Laser Projection System for Flexible Manufacturing. Proc. of 2020 IEEE 10th International Conference on Intelligent Systems (IS), IEEE, 2020, ISBN:978-1-7281-5456-5, ISSN:1541-1672, DOI:10.1109/IS48319.2020.9199938, 568-573 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	75.00
11	Ilchev, S. , Andreev, R. , Ilcheva Z. . Display of Computer-Generated Vector Data by a Laser Projector. Proceeding of the 21th International Conference on Computer Systems and Technologies (CompSysTech '20), ACM, 2020, ISBN:ISBN: 978-1-4503-7768-3, DOI:10.1145/3407982.3407990, 11-18. SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00
12	Ilchev, S. , Andreev, R. , Ilcheva, Z. , Otsetova-Dudin, E. . Three-channel laser diode driver for multimedia laser projectors. International Journal of Circuits, Systems and Signal Processing, 14, North Atlantic University Union NAUN, 2020, ISSN:1998-4464, DOI:10.46300/9106.2020.14.60, 451-459. SJR (Scopus):0.158 Q4 (Scopus) Линк	1.000	75.00
13	Ilchev, S. , Ilcheva, Z. . Thermoelectric Cooling Driver for Laser Projection Systems. Proc. of the 6th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2019), IEEE, 2020, ISBN:978-1-7281-6481-6, DOI:10.1109/BdKCSE48644.2019.9010606, 1-9 Без JCR или SJR – индексирани в WoS или Scopus (Web of Science) Линк	1.000	100.00
14	Karastoyanov D. , Stoimenov N. , Gyoshev S. , Petrov R. , Haralampieva M. . Innovative Industrial Bodies and Technologies for Energy Efficiency, Better Production and Quality of Life. International Conference ICAI 2020., IEEE Open Access, 2020, ISBN:ISBN 978-172819308-3, DOI:DOI 10.1109/ICA150593.2020.9311380, 1-4 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
15	Karastoyanov, D. , Chikurtev, D. , Gyoshev, S. , Chikurteva, A. , Stoimenov, N. . Advanced ICT for Access of Visual Impaired People to Computers, Knowledge, Education and Culture. 18th International Conference on Emerging eLearning Technologies and Applications, IEEE, 2020, ISBN:978-1-6654-4678-5, DOI:10.1109/ICETA51985.2020.9379198 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
16	Karastoyanov, D. , Doukovska, L. , Angelova, G. , Yatchev, I. . Intelligent Approach for Analysis of 3D Digitalization of Planer Objects for Visually Impaired People. Chapter of Book Series: Advances in Intelligent Systems and Computing, 864, Springer International Publishing, Switzerland, 2020, ISBN:978-3-030-38703-7, DOI:10.1007/978-3-030-38704-4_8, 179-202. SJR (Scopus):0.174 Q3 (Scopus) Линк	1.000	75.00
17	Kolev V. , Cooklev T. , Keinert F. . Design of a Simple Orthogonal Multiwavelet Filter by Matrix Spectral Factorization. vol.39, Issue 4, Springer, 2020, ISSN:1531-5878, DOI:s00034-019-01240-9, pp. 2006-2041. SJR (Scopus):0.472, JCR-IF (Web of Science):1.922 Q3 (Web of Science) Линк	1.000	33.33

18	Stoilov T., Stoilova K., Vladimirov M. Analytical Overview and Applications of Modified Black-Litterman Model for Portfolio Optimization. Cybernetics and Information Technologies, 20, 2, "M. Drinov" Publisher of BAS, 2020, ISSN:1311-9702, DOI:10.2478/cait-2020-0014, 30-49. SJR (Scopus):0.31 Q2 (Scopus) Линк	1.000	66.67
19	Stoilov T., Stoilova K., Vladimirov M. Decision Making by Bi-level Model of Portfolio Optimization. Proceeding of IEEE Int. conference "Automatics and Informatics", Varna, ICAI 2020, IEEE, 2020, ISBN:978-1-7281-9308-3, DOI:10.1109/ICAI50593.2020.9311301, 1-6 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	66.67
20	Stoilov T., Stoilova K., Vladimirov M. Decrease of the portfolio computational workload following the Capital Asset Pricing theory. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd, 2020, ISSN:ISSN:1757-8981E-ISSN:1757-899X, SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	66.67
21	Stoilov T., Stoilova K., Vladimirov M. Information Technology Support for Portfolio Optimization. Proceeding XI National Conference with International Participation "Electronica 2020", May 14 - 15, 2020, Sofia, Bulgaria, IEEE Xplore, 2020, ISBN:978-1-7281-7531-7, DOI:10.1109/ELECTRONICA50406.2020.9305109, 1-4 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	66.67
22	Stoilov T., Stoilova K., Vladimirov M. Modeling and Assessment of Financial Investments by Portfolio Optimization on Stock Exchange. Studies in Computational Intelligence Springer series, 902, Springer, 2020, ISSN:ISSN:1860-949x, E-ISSN:1860-9503, DOI:https://doi.org/10.1007/978-3-030-55347-0_29, 340-356. SJR (Scopus):0.22 Q4 (Scopus) Линк	1.000	66.67
23	Stoilov T., Stoilova K., Vladimirov M. Quantitative Entrepreneurship Applying Portfolio Theory. IEEE, International Scientific Conference Electronics, Sozopol, Bulgaria, 16-18 Sept 2020, IEEE Xplore, 2020, ISSN:15582256, 00189219, DOI:10.1109/ET50336.2020.9238314, 1-4 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	66.67
24	Stoilova K., Stoilov T. Bi-level optimization application for urban traffic management. Annals of Computer science and Information Systems, Proceeding of the 2020 Federated Conference on Computer Science and Information Systems, Sept. 6-9, 2020, Sofia, Bulgaria, 21, Polish Information Processing Society, 2020, ISSN:2300-5963, DOI:10.15439/2020F18, 327-336 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
25	Stoilova K., Stoilov T. Integrated management of transportation by bi-level optimization. Proceeding of International Conference Automatics and Informatics- ICAI, 1-3 October 2020, IEEE, 2020, ISBN:978-1-7281-9308-3, DOI:doi: 10.1109/ICAI50593.2020.9311360., 1-6 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
26	Stoilova K., Stoilov T. Optimization of Urban Traffic in City Network. ACM International Conference Proceeding Series, CompSysTech2020, ACM, 2020, ISBN:978-1-4503-7149-0, SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00
27	Stoilova K., Stoilov T. Transportation Modelling and Solving Travelling Salesman Problem. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd, 2020, ISSN:ISSN:1757-8981E-ISSN:1757-899X, 1-7. SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	66.67
28	Yosifova V., Chikurtev D., Petrov R. Research and analysis of modern space heating technologies and management for industrial buildings. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd., 2020, ISSN:1757-8981, DOI:https://doi.org/10.1088/1757-899X/878/1/012010, SJR (Scopus):0.2 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00
29	Filchev L., Pashova L., Kolev V. , Frye S.. Chapter 6: Surveys, Catalogues, Databases/Archives and State-of-The-Art Methods for Geospatial data processing. P. Skoda, F. Adam, G. Schwarz(Eds), Knowledge Discovery in Big Data from Astronomy and Earth Observation., Elsevier, 2020, ISBN:9780128191545, DOI:10.1016/B978-0-12-819154-5.00016-3, pp. 103-136 Без JCR или SJR – индексирани в WoS или Scopus Линк	1.000	25.00
30	Ivanova, V., Batchvarov, D., Boneva, A. A Smart Laparoscopic Instrument with Different Application. International Journal of Bioautomation, 24, 4, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2020, ISSN:1314-2321 (on-line), ISSN 1314-1902 (print), DOI:10.7546/ijba.2020.24.4.000723, 403-417. SJR (Scopus):0.24 Q3 (Scopus) Линк	1.000	66.67
31	Ivanova, V., Boneva, A. , Doshev, Y., Ivanov, S. , Vasilev, P.. Multifunctional Operating Station Based on Tcl/Tk and its Applications. Proc. of the 6th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2019), IEEE, 2020, ISBN:Electronic: 978-1-7281-6481-6, Print on Demand(PoD) ISBN: 978-1-7281-6482-3, DOI:10.1109/BdKCSE48644.2019.9010662, 1-7 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	40.00
Коригиран брой: 31.000			