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

- **Звено: (ИИКТ) Институт по информационни и комуникационни технологии**
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- **Тип на публикацията**:
  Глава от научна монография
  Студия в научно списание
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  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
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  Q4
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  Индексирано в ERIH+
- **Година на публикуване**: 2021 ÷ 2021
- **Тип записи**: Всички записи

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Blagoeva E.**, Karkov B., **Stoimenov N.**. Review and Analysis of Robotized Feeding Systems. Proc. of International Conference Automatics and Informatics- ICAI2021, IEEE, 2021, ISBN:Electronic :978-1-7281-9308-3, Print on Demand(PoD) ISBN:978-1-7281-9309-0, DOI:10.1109/ICAI52893.2021.9639549, 341-344 **Без JCR или SJR – индексиран в WoS или Scopus (IEEE Xplore)** Линк	1.000	66.67
2	**Chikurtev, D.**, **Chikurteva, A.**, Spasova, N.. Information technologies for development of educational resources in robotics. IOP Conference Series: Materials Science and Engineering, 1031, IOP Publishing Ltd, 2021, ISSN:1757-8981,	1.000	66.67

	DOI:https://doi.org/10.1088/1757-899X/1031/1/012122, 1-10. SJR (Scopus):0.198 **SJR, непопадащ в Q категория (Scopus)** Линк		
3	**Chikurtev, D.**, **Chivarov, N.**, **Chivarov, S.**, **Chikurteva, A.**. Mobile robot localization and navigation using LIDAR and indoor GPS. IFAC papers online, 54, 13, Elsevier, 2021, ISSN:2405-8963, DOI:https://doi.org/10.1016/j.ifacol.2021.10.472, 351-356. SJR (Scopus):0.31 **Q3 (Scopus)** Линк	1.000	100.00
4	**Chikurtev, D.**, **Stoev, P.**, Andonov, I., **Chikurteva, A.**. Research and design of a wearable robot for wrist rehabilitation. XXX International Scientific Conference Electronics - ET2021, IEEE, 2021, ISBN:978-1-6654-4518-4, DOI:10.1109/ET52713.2021.9580131, SJR (Scopus):0.11 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	75.00
5	**Chikurtev, D.**, Yovchev, K.. Marker-based Automatic Dataset Collection for Robotic Vision System. Mechanisms and Machine Science, 102, Springer Science and Business Media B.V., 2021, ISSN:22110984, DOI:10.1007/978-3-030-75259-0_16, 145-153. SJR (Scopus):0.172 **Q4 (Scopus)** Линк	1.000	50.00
6	**Chivarov, S.**, **Chivarov, N.**, **Chikurtev, D.**, Pleva, M.. Cost oriented software system for animal husbandry smart automation. International Conference Automatics and Informatics (ICAI) 2021, IEEE, 2021, DOI:10.1109/ICAI52893.2021.9639708, 256-261 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	75.00
7	**Dimitrov St.**, **Stoilova K.**, **Stoilov T.**. Risk analysis by application of intelligent solutions in animal husbandry,. 2021 International Conference Automatics and Informatics (ICAI), 2021, IEEE, 2021, DOI:10.1109/ICAI52893.2021.9639630, 243-247 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
8	**Ilchev, S.**, **Andreev, R.**, **Ilcheva, Z.**, **Otsetova-Dudin, E.**. Software for laser projection of CAD files for the clothing industry. IOP Conference Series: Materials Science and Engineering, 1031, IOP Publishing, 2021, ISSN:1757-899X, DOI:10.1088/1757-899X/1031/1/012040, 1-8. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
9	**Ilchev, S.**, **Andreev, R.**, **Ilcheva, Z.**. Autonomous Microcontroller System for Sensor Data Gathering Relying on Solar-Power and Ultracapacitors. Wireless Personal Communications, 121, 3, Springer, 2021, ISSN:0929-6212, 1572-834X, DOI:10.1007/s11277-021-08828-y, 2393-2405. SJR (Scopus):0.48, JCR-IF (Web of Science):1.671 **Q3 (Web of Science)** Линк	1.000	100.00
10	**Ilchev, S.**, **Ilcheva, Z.**. Laser Projection System for Continuous Operation in Manufacturing and Educational Use Cases. Proc. of the 22th International Conference on Computer Systems and Technologies (CompSysTech '21), ACM, 2021, ISBN:978-1-4503-8982-2, DOI:10.1145/3472410.3472416, 12-17. SJR (Scopus):0.18 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
11	**Karastoyanov, Dimitar**, Yatchev, Ivan. Optimization of Electromagnetic Modules on Graphical Braille Screen for Visual Impaired People. WSEAS Transactions on Power Systems, 16, WSEAS Transactions, 2021, ISSN:1790-5060, DOI:DOI: 10.37394/232016.2021.16.22, 213-219. SJR (Scopus):0.19 **Q2 (Scopus)** Линк	1.000	50.00
12	**Karastoyanov, Dimitar**. Tactile Resources for Training Users with Visual Impairments in Agriculture. Proc. of the International Conference on Electrical, Computer and Energy Technologies (ICECET), IEEE, 2021, ISBN:ISBN 978-166544231-2, DOI:DOI 10.1109/ICECET52533.2021.9698464 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	100.00
13	**Monov, V.**, **Karastoyanov, D.**. Innovations in Robotic Cow Milking Systems. Proc. of the 20th IEEE International Conference on Advanced Robotics (ICAR21), December 6-10, 2021, Ljubljana, Slovenia., IEEE, 2021, ISBN:978-1-6654-3683-0/21, 58-63 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
14	**Petrov, I.**. AHP enlargement in traditional Entropy-TOPSIS approach for selecting desktop personal computers for distance learning: Decomposition of evaluation criteria in blocks with AHP for better consideration of users' needs in the MCDM process on the example of the Entropy-TOPSIS approach, ACM International Conference Proceeding Series, CompSysTech'21 - Ruse, Association for Computing Machinery (ACM), New York, USA, ISBN: 978-1-4503-8982-2, June, 18-19 2021,. ACM International Conference Proceeding Series,, Association for Computing Machinery (ACM), New York, USA, 2021, ISBN:ISBN: 978-1-4503-8982-2, DOI:10.1145/3472410.3472431, 12-17 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
15	**Petrov, I.**. Assessing the diversification of energy mix with the methods of entropy and hierarchy of information, Proceeding of the 26th International Conference Power Engineering and Power Machines Conference (PEMP 2021), 1-21 September, Sozopol, Bulgaria, E3S Web of Conferences. E3S Web of Conferences , (Editors: I. Nastase, A.H. Wierling, T. Totev, A. Terziev, R. Atanasova, M. Zlateva, I. Dukov and K. Filipov),, Vol. 327, 02003, 2021, DOI:https://doi.org/10.1051/e3sconf/202132702003, 12-9. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
16	**Petrov, I.**. Combined criteria weighting in MCDM: AHP in blocks with traditional Entropy and novel Hierarchy in TOPSIS evaluation of Cloud Services, Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), 28–29 October 2021, Sofia, Bulgaria. Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), 28–29 October 2021, Sofia, Bulgaria, IEEE Xplore, 2021, ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627221, 1-9 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
17	**Petrov, I.**. Entropy and hierarchy of competition in the World semiconductor market during COVID-19 pandemics, Proceedings of International Conference Automatics and Informatics (ICAI 2021), 30 September-3 October 2021, Varna, Bulgaria. Technical	1.000	100.00

	University of Varna, IEEE by Bulgarian section and Federation of the Scientific Engineering Unions, Varna, Bulgaria, IEEE Xplore, 2021, ISBN:978-1-6654-2661-9, DOI:10.1109/ICAI52893.2021.9639821, 167-173 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк		
18	**Petrov, I.**. Information entropy contribution to COVID-19 waves analysis. Proceedings of the 1st IFIP TC 5 International Conference ANTICOVID 2021, June 28-29, 2021, Revised, Selected Papers (ed. A. Byrski, T. Czachorski) Springer, Computer Science Protecting Human Society Against Epidemics, Volume 616,, Volume 616, IFIP, Springer, 2021, ISSN:ISSN 1868-4238, 65-76. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	100.00
19	**Petrov, I.**. Methodology advances in Information Theory: adjusting entropy, innovating hierarchy, Proceedings of the 7th IEEE International Conference “Big Data, Knowledge and Control Systems Engineering” (BdKCSE’2021), 28–29 October 2021, Sofia, Bulgaria. Proceedings of the 7th IEEE International Conference “Big Data, Knowledge and Control Systems Engineering” (BdKCSE’2021), 28–29 October 2021, Sofia, Bulgaria, IEEE Xplore, 2021, ISBN:978-1-6654-1042-7, DOI:10.1109/BdKCSE53180.2021.9627287, 1-23 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
20	**Petrov, I.**. Renewable energies projects selection: block criteria systematization with AHP and Entropy-MOORA methods in MCDM, Proceeding of the 26 th International Conference Power Engineering and Power Machines Conference (PEMP 2021), 1-21 September, Sozopol, Bulgaria. E3S Web of Conferences , (Editors: I. Nastase, A.H. Wierling, T. Totev, A. Terziev, R. Atanasova, M. Zlateva, I. Dukov and K. Filipov), Vol. 327, 02003, 2021, DOI:https://doi.org/10.1051/e3sconf/202132702004, 1-8. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
21	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Application of Information Technology in Real Estate Marketing. 12 National Conference with International Participation Electronica 2021, Sofia 27 - 28 May 2021, IEEE, 2021, ISBN:978-1-6654-4061-5, DOI:10.1109/ELECTRONICA52725.2021.9513664, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	66.67
22	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Application of modified Black-Litterman model for active portfolio management. J. Expert Systems with Applications, 186, Elsevier, 2021, ISSN:0957-4174, DOI:https://doi.org/10.1016/j.eswa.2021.115719, 1-13. SJR (Scopus):2.07, JCR-IF (Web of Science):8.665 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
23	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Decision making in Real Estate Investments: Portfolio Approach. Cybernetics and Information Technologies, 21, 4, "M. Drinov" Publisher of BAS, 2021, ISSN:1311-9702, Online ISSN: 1314-4081, DOI:10.2478/cait-2021-0041, 28-44. SJR (Scopus):0.42 **Q2 (Scopus)** Линк	1.000	66.67
24	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Decision support in Real Estate Investment by Portfolio Theory. Proceeding of IEEE Int. Conference ICAI, 29 Sept - 1 Oct 2021, Varna, IEEE, 2021, DOI:10.1109/ICAI52893.2021.9639522, 231-234 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	66.67
25	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Entrepreneurship and Management in Real Estate Trades. XXX International Scientific Conference Electronics (ET), Sozopol, Bulgaria, 15-17 Sept 2021, 2021, DOI:10.1109/ET52713.2021.9580100, 1-6. SJR (Scopus):0.11 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	66.67
26	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. Explicit Value at Risk Goal Function in Bi-Level Portfolio Problem for Financial Sustainability. J. Sustainability, 13, 4, MDPI, 2021, ISSN:2071-1050, DOI:10.3390/su13042315, 1-14. SJR (Scopus):0.664, JCR-IF (Web of Science):3.889 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
27	**Stoilov T.**, **Stoilova K.**, Vladimirov M.. The probabilistic risk measure VaR as constraint in portfolio optimization problem. Cybernetics and Information Technologies, 21, 1, "M. Drinov" Publisher of BAS, 2021, ISSN:1311-9702, DOI:10.2478/cait-2020-0014, 30-49. SJR (Scopus):0.42 **Q2 (Scopus)** Линк	1.000	66.67
28	**Stoilova K.**, **Stoilov T.**, **Dimitrov St.**. Bi-level optimization model for traffic control. Journal Cybernetics and Information Technologies, 21, 3, "M. Drinov" Publisher of BAS, 2021, ISSN:1311-9702; Online ISSN 2682-9517, DOI:10.2478/cait-2021-0033, 108-126. SJR (Scopus):0.42 **Q2 (Scopus)** Линк	1.000	100.00
29	**Stoilova K.**, **Stoilov T.**, **Dimitrov St.**. Information technology support for traffic lights control. Proceeding of Conference Electronica 2021, 27-28 May Sofia, Bulgaria, IEEE, 2021, DOI:10.1109/ELECTRONICA52725.2021.9513703, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
30	**Terzieva, V.**, **Ilchev, S.**, **Todorova, K.**, **Andreev, R.**. Towards a Design of an Intelligent Educational System. IFAC Papers Online, Proc. of 20th IFAC Conference on Technology, Culture and International Stability (TECIS 2021), 54, 13, Elsevier, 2021, ISSN:2405-8963, DOI:10.1016/j.ifacol.2021.10.474, 363-368. SJR (Scopus):0.31 **Q3 (Scopus)** Линк	1.000	100.00
31	**Yosifova, V.**, **Chikurtev, D.**. Communication system for remote control of infrared heating. 56th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST), IEEE, 2021, ISBN:978-1-6654-2888-0, DOI:10.1109/ICEST52640.2021.9483488, SJR (Scopus):0.198 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
32	**Yosifova, V.**, **Karastoyanov, D.**. Implementing solar tiles in stock farms for increasing the energy efficiency. 2021 Big Data, Knowledge and Control Systems Engineering, 2021, DOI:10.1109/BdKCSE53180.2021.9627270, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (IEEE Xplore)** Линк	1.000	100.00

33	Balabozov I., Yatchev I., **Karastoyanov D.**, **Stoimenov N.**, Brauer H.. Open Source Electronic System for Controlling of Hybrid Electromagnetic Systems with Magnetic Flux Modulation. 17th Conference on Electrical Machines, Drives and Power Systems, Institute of Electrical and Electronics Engineers Inc., 2021, ISBN:978-166543582-6, DOI:10.1109/ELMA52514.2021.9503075, 1-4 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	40.00
34	Bogdanov, S, **Chikurtev, D**, Spasova, N. Embedded system environment self-awareness using LIDAR technologies for robotics applications. IOP Conference Series: Materials Science and Engineering, 1031, IOP Publishing Ltd, 2021, ISSN:17578981, DOI:https://doi.org/10.1088/1757-899X/1031/1/012047, 1-9. SJR (Scopus):0.198 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	33.33
35	Bychkov I., **Karastoyanov, Dimitar**. Information technologies: Algorithms, models, systems. CEUR Workshop Proceedings, 2021, ISSN:1613-0073, SJR (Scopus):0.177 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	50.00
36	Doychev, E., **Terziyski, A.**, Atanasova, P., Rahneva, O., Ivanova, V., **Stoyanova-Doycheva, A.**. A Regional Data Center for Intelligent Agriculture. Proceedings of the International Conference Big Data, Knowledge and Control Systems Engineering - BdKCSE'2021, 28-29 October 2021, Sofia, Bulgaria, IEEE Xplore, 2021, ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627285 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	33.33
37	Filchev L., **Kolev V.**. Assessing of Soil Erosion Risk Through Geoinformation Sciences and Remote Sensing—A Review. In: Rai P.K., Singh P., Mishra V.N. (eds) Recent Technologies for Disaster Management and Risk Reduction, Earth and Environmental Sciences Library. Springer, 2021, ISBN:978-3-030-76115-8, DOI:10.1007/978-3-030-76116-5_21, pp. 377-430 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	50.00
38	Ivanova, M., **Boneva, A.**, **Ilchev, S.**. Learning Performance Facilitation in a Sensor-Based Intelligent Classroom. Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), IEEE Xplore, 2021, ISBN:Electronic :978-1-6654-1042-7, Print on Demand(PoD) ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627308, 1-8 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	66.67
39	Ivanova, V., **Boneva, A.**, Vasilev, P., **Ivanov, S.**, Lekova, S.. Augmented Reality based Training of Surgical Staff to Operate a Laparoscopic Instrument. Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), IEEE Xplore, 2021, ISBN:Electronic:978-1-6654-1042-7, Print on Demand(PoD) ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627307, 1-7 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	40.00
40	Ivanova, V., Vasilev, P., Stoianov, I., **Andreev, R.**, **Boneva, A.**. Design of Multifunctional Operating Station based on Augmented Reality (MOSAR). Journal Cybernetics and Information Technologies, 21, 1, Institute of Information and Communication Technologies - Bulgarian Academy of Sciences, 2021, ISSN:1311-9702, Online ISSN: 1314-4081, DOI:10.2478/cait-2021-0009, 119-136. SJR (Scopus):0.42 **Q2 (Scopus)** Линк	1.000	40.00
41	Vasilev, P., Ivanova, V., **Andreev, R.**, **Boneva, A.**. Modeling of a System for Studying of Biological Tissues with the Use of Augmented Reality. Proceedings of International Conference Automatics and Informatics (ICAI 2021), IEEE Xplore, 2021, ISBN:Electronic :978-1-6654-2661-9, Print on Demand(PoD) ISBN:978-1-6654-2662-6, DOI:10.1109/ICAI52893.2021.9639865, 167-173 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	50.00
Коригиран брой: 41.000			