

XX а : В с и ч к и п у б л и к а ц и и – п у б л и к у в а н и

- **Звено: (ИР) Институт по роботика**
- **Тип на публикацията:**
 - Научна монография
 - Глава от научна монография
 - Студия в научно списание
 - Статия в научно списание
 - Статия в сборник на научен форум
 - Студия в тематичен сборник
 - Статия в тематичен сборник
 - Научно съобщение
- **Година на публикуване:** 2024 ÷ 2024
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	Adelina Kremenska, Anna Lekova, Georgi Dimitrov. Validating the OpenBCI Nodes within the Node-RED Library through an EEG-based BCI Application for IoT. International Conference on Software, Telecommunications and Computer Networks, 2024, DOI:10.23919/SoftCOM62040.2024.10721977 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
2	Aleksandar Krastev, Maya Dimitrova, Negoslav Sabev. ХУМАНОИДЕН РОБОТ ЗА ОБУЧЕНИЕ НА УЧАЩИ С УВРЕДЕНО ЗРЕНИЕ. Шеста международна научна конференция "Иновативно STEM образование" STEMedu-2024, 6, Институт по математика и информатика при Българска академия на науките, 2024, ISSN:2683-1333, DOI:https://doi.org/10.55630/STEM.2024.0608, 85-94 Национално академично издателство Линк	1.000	66.67
3	Alexander Alexandrov, Anastass Madzharov. Energy-efficient routing in UAVs supported perimeter security networks. BISEC 2023 The Fourteenth International Conference on Business Information Security (BISEC'2023), Volume 3676, CEUR-WS.org, 2024, ISSN:1613-0073, DOI:https://doi.org/10.5281/zenodo.11396636, 44-49. SJR (Scopus):0.19 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00
4	Alexander Alexandrov, Simeon Angelov. Design and architecture of perimeter defence intrusion detection systems based on UGV. Сборник доклади "Дванадесетта Международна Научна Конференция Хемус 2024", 2024 Друго	1.000	50.00
5	Alexander Alexandrov. Design and Architecture of wireless ECG monitoring system. 2024, ISSN:2603-469, DOI:https://doi.org/10.5281/zenodo.14074924 Друго (Друга база (не влиза в K2)) Линк	1.000	100.00
6	Alexandrov, A. Reducing the WSN's communication overhead by the SD-SPDZ encryption protocol. BISEC 2023 The Fourteenth International Conference on Business Information Security (BISEC'2023), Vol-3676, http://CEUR-WS.org, 2024, ISSN:1613-0073, DOI:https://doi.org/10.5281/zenodo.11196843, 50-57. SJR (Scopus):0.19 SJR, непопадащ в Q категория (Scopus) Линк	1.000	100.00

7	Angelov G., Paunski Y. User Interfaces for Service Robots –Perspectives and Challenges. Complex Control Systems, 8, Institute of Robotics -BAS, 2024, ISSN:2603-4697 Национално академично издателство Линк	1.000	100.00
8	Angelov G., Paunski Y. Voice Controlled Interface for ROS Service Robot in Healthcare. Complex Control Systems, 8, Institute of Robotics -BAS, 2024, ISSN:2603-4697 Национално академично издателство Линк	1.000	100.00
9	Anna Andreeva, Anna Lekova, Paulina Tsvetkova , Miglena Simonska. Expanding the Capabilities of Robot NAO to Enable Human-Like Communication with Children with Speech and Language Disorders. CompSysTech '24: Proceedings of the International Conference on Computer Systems and Technologies 2024, 2024, 63-68. SJR (Scopus):0.253 Q4 (ACM Digital Library) Линк	1.000	75.00
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14	Assenova Silvia, Zlateva Plamena , Assenova Kamelia. Road safety management system optimization methodology. Journal of Physics: Conference Series, 2910, IOP Publishing, 2024, ISSN:1742-6596, DOI:10.1088/issn.1742-6596, 1-13. SJR (Scopus):0.25 Q3 (Scopus) Линк	1.000	66.67
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16	Chavdarov I., Naydenov B. , Nikolov V., Georgiev I. Modular Design, Communication and Control Systems of a 3D-printed Humanoid Robotic Hand. Journal of Communications Software and Systems, 20, 2024, DOI:10.24138/jcomss-2023-0168, 146-156. SJR (Scopus):0.2, JCR-IF (Web of Science):0.7 Q3 (Web of Science) Линк	1.000	75.00

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25	Dimitrova, M. , Kostova, S. , Chavdarov, I. , Krastev, A. , Chehlarova, N. , Madzharov, A. . Psychosocial and Psychophysical Aspects of the Interaction with Humanoid Robots: Implications for Education. ACM International Conference Proceeding Series, 25th International Conference on Computer Systems and Technologies, CompSysTech 2024, ACM, 2024, ISBN:979-8-4007-1684-3/24/06, DOI:10.1145/3674912.3674951, 1-9. SJR (Scopus):0.253 Q4 (Scopus) Линк	1.000	100.00

26	Gagandeep Kaur, Borislava Kostova, Paulina Tsvetkova, Anna Lekova. Methodology and Experimental Protocol for Fatigue Analysis in Suggestopedia Teachers. Brain Sciences, MDPI, 2024, ISSN:2076-3425, DOI:10.3390/brainsci14121215, SJR (Scopus):0.8, JCR-IF (Web of Science):2.7 Q3 (Scopus) Линк	1.000	100.00
27	Gaidarski, I, Chehlarova, N. Management approaches and application areas of information security in organizations. Proceedings of the 15th International Scientific and Practical Conference on June 27th–28th, 2024. Volume II, II, Vol 2 (2024), Rezekne Academy of Technologies, Rezekne, Latvia, 2024, 2024, ISSN:1691-5402, 2256-070X, 110-113 Без JCR или SJR – индексан в WoS или Scopus (Scopus) Линк	1.000	100.00
28	Gaidarski, I, Madzharov, A. Applying a New Approach to Consider the Human Factor in the Design of Information Security Systems. Information & Security: An International Journal (ISIJ), 55, no. 3(2024), Procon Ltd., 2024, ISSN:ISSN 0861-5160 (print), ISSN 1314-2119 (online), DOI:https://doi.org/10.11610/isij.5546, 261-272 Международно неакадемично издателство Линк	1.000	100.00
29	Gaidarski I. Some aspects of cybersecurity in Industry 4.0. Complex Control Systems, Volume 7, Bulgarian Academy of Sciences - Institute of Robotics, 2024, ISSN:2603-4697 Национално академично издателство Линк	1.000	100.00
30	Georgieva-Tsaneva, G., Cheshmedzhiev, K, Lebamovski, P. A Wavelet Based Hybrid Method for Time Interval Series Determining. CompSysTech '24: Proceedings of the International Conference on Computer Systems and Technologies 2024, ACM International Conference Proceeding Series, 2024, ISBN:978-3-031-42134-1, DOI:10.1145/3674912.3674913, 137-142. SJR (Scopus):0.253 Q4 (Scopus) Линк	1.000	100.00
31	Georgieva-Tsaneva, G., Cheshmedzhiev, K. A Gaussian-based hybrid method for simulating photoplethysmographic signals. CompSysTech '24: Proceedings of the International Conference on Computer Systems and Technologies 2024, ACM International Conference Proceeding Series, 2024, ISBN:979-8-4007-1684-3, DOI:10.1145/3674912.3674934, 143-148. SJR (Scopus):0.253 Q4 (Scopus) Линк	1.000	100.00
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33	Georgieva-Tsaneva, G., Serbezova, I., Beloeva, S. Application of Virtual Reality, Artificial Intelligence, and Other Innovative Technologies in Healthcare Education (Nursing and Midwifery Specialties): Challenges and Strategies. Education Sciences, 15, 11, Multidisciplinary Digital Publishing Institute (MDPI), 2024, ISSN:2227-7102, DOI:10.3390/educsci15010011, 1-23. SJR (Scopus):0.669, JCR-IF (Web of Science):2.5 Q1, не оглавява ранглистата (Scopus) Линк	1.000	33.33
34	Georgieva-Tsaneva, G., Serbezova, I.. Using serious games to enhance the quality of healthcare education. НАУЧНИ трудове – Русенски университет “Ангел Кънчев”, Ruse University, 2024, ISSN:2603-4123 (online) Национално академично издателство Линк	1.000	50.00
35	Georgieva-Tsaneva, G., Tsanev, Y.-A.. Heart rate variability data PPG based analysis. Complex Control Systems, 7, IR-BAS, 2024, ISSN:2603-4697(online), 1-5 Национално академично издателство Линк	1.000	50.00

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41	Ivanova, V., Boneva, A., Karastoyanov, D. A Mechatronic Device for Local Radiation Treatment of Tumor Formations., "AUTOMATION OF DISCRETE PRODUCTION ENGINEERING, 6, 1, Publishing house of TU-Sofia, 2024, ISSN:2682-9584, 67-74 Национално академично издателство Линк	1.000	33.33
42	Ivanova, V., Boneva, A., Vasilev, P. Unified Modeling Language Application for laparoscopic instrument design. International Journal of Bioautomation, 28, 3, BAS, 2024, ISSN:314-2321 (on-line) 1314-1902 (print), 117-132. SJR (Scopus):0.14 Q4 (Scopus) Линк	1.000	33.33
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44	Ivanova, V., Boneva, A. The Internet of Medical Things Application - Challenges and Future Directions. Complex Control Systems, 7, BAS, 2024, ISSN:1310-8255 ISSN 2603-4697 (Online), 1-6 Национално академично издателство Линк	1.000	50.00
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47	Krasimir Cheshmedzhiev, Ekaterina Popovska. EMULATING AN ECG WAVE USING A SIMPLE GEOMETRIC PRIMITIVES. Science Series "Innovative STEM Education", 6, Институт по математика и информатика при Българска академия на науките, България, 2024, ISSN:2683-1333, DOI:https://doi.org/10.55630/STEM.2024.0623, 195-202 Национално академично издателство Линк	1.000	100.00
48	Krasimir Cheshmedzhiev, Galya Georgieva-Tsaneva, Yoan-Aleksandar Tsanev. МАТЕМАТИЧЕСКИ ИНСТРУМЕНТИ ЗА СИМУЛИРАНЕ НА ФОТОПЛЕТИЗМОГРАФСКИ СИГНАЛИ. Science Series "Innovative STEM Education", 6, Институт по математика и информатика при Българска академия на науките, България, 2024, ISSN:2683-1333, DOI:https://doi.org/10.55630/STEM.2024.0622, 189-194 Национално академично издателство Линк	1.000	66.67
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50	Lahtchev L. H.. Electrical Hoist Load Lift up System. 2024, Volume 8, Bulgarian Academy of Sciences, Institute of Robotics, 2024, ISSN:2603 - 4697, 1-6 Национално академично издателство Линк	1.000	100.00
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52	Lahtchev L. H.. Spectral Analysis the Wave Signal of Electronic Sphygmomanometer. 2024, Publishing House of University of National and World Economy, 2024, 84-93 Друго (EBSCO) Линк	1.000	100.00
53	Lebamovski, P., Gospodinova, E.. Investigating the Impact of Mental Stress on Electrocardiological Signals through the Use of Virtual Reality. Technologies, 12, 9, MDPI, 2024, ISSN:2227-7080, DOI:10.3390/technologies12090159, SJR (Scopus):0.86, JCR-IF (Web of Science):4.2 Q1, не оглавява ранглистата (Scopus) Линк	1.000	100.00
54	Lebamovski, P.. 3D technology: 3D modelling, Virtual Reality and Applications. LAP Lambert Academic Publishing, 2024, ISBN:978-3-659-57385-9, 200 Друго Линк	1.000	100.00
55	Lebamovski, P.. Research of Heart Rate Variability in Sprinters. Journal of Interventional and General Cardiology, Hilaris, 2024, ISSN:2684-4591, DOI:10.37421/2684-4591.2024.8.223, 1-3 Международно неакадемично издателство Линк	1.000	100.00
56	Lilov S V, Markova V D, Popov N J, Shopov V K. Longitudinal Stability of Wheeled Mobile Robots - Degree of Stability. Environment. Technology. Resources. Proceedings of the 15th International Scientific and Practical Conference. Volume 3, 2024, DOI:https://doi.org/10.17770/etr2024vol3.8126, 147-153 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк	1.000	100.00
57	Lilov S V, Markova V D, Popov N J, Shopov V K. Longitudinal Stability of Wheeled Mobile	1.000	100.00

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58	Lozanova S., Ivanov A., Ralchev M., Roumenin C. A new Hall Microdevice with Minimal Complexity. XXXV EUROSENSORS Conference, 10–13 September 2023, Lecce, Italy, Proceedings 2024, 97, 1, Multidisciplinary Digital Publishing Institute (MDPI), 2024, ISSN:2504-3900, DOI:10.3390/proceedings2024097117 Международно академично издателство (EBSCO) Линк	1.000	100.00
59	Lozanova S., Ralchev M., Ivanov A., Roumenin C. A Novel Sensor Effect Applicable in Seismically Active Regions. XXXV EUROSENSORS Conference, 10–13 September 2023, Lecce, Italy, Proceedings 2024, 97, 1, Multidisciplinary Digital Publishing Institute (MDPI), 2024, ISSN:2504-3900, DOI:10.3390/proceedings2024097102 Международно академично издателство (EBSCO) Линк	1.000	100.00
60	Lyubenova V., Ignatova M., Kristeva D., Roeva O. Multistep Modelling and Monitoring of Bioprocesses, Int. J. Bioautomation, 2024,. Int. J. Bioautomation, 28, 4, Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, 2024, ISSN:1314-2321, DOI:doi: 10.7546/ijba.2024.28.4.001033, 185-196. SJR (Scopus):0.139 Q4 (Scopus) Линк	1.000	75.00
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62	M. L. Ralchev. New sensor phenomenon in rocks structures under uniaxial deformation. Engineering Sciences, LXI, 1, Institute of Metal Science, Equipment and Technologies with Hydro- and Aerodynamics Centre "Acad. A.Balevski", BAS, 2024, ISSN:1312-5702; 2603-3542 (online), DOI:10.7546/EngSci.LXI.24.01.06, 50-57 Национално академично издателство Линк	1.000	100.00
63	Madzharov, A., Georgiev, R., Hristozov, S. Blockchain enhancing IoD network functionality. Complex Control Systems, Volume 8, Bulgarian Academy of Sciences - Institute of Robotics, 2024, ISSN:2603-4697 Национално академично издателство Линк	1.000	100.00
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