

Данні про цитування праць виконавців, які ввійшли до представленої роботи
назва роботи та список авторів

№ п.п.	Назва статті (монографії), автори, назва видання, рік, том, сторінка або DOI	Кількість посилань згідно бази даних		
		Web of Science	Scopus	Google Scholar
1	Potii O., Illiashenko O., Komin D. (2015) Advanced Security Assurance Case Based on ISO/IEC 15408. In: Zamojski W., Mazurkiewicz J., Sugier J., Walkowiak T., Kacprzyk J. (eds) Theory and Engineering of Complex Systems and Dependability. DepCoS-RELCOMEX 2015. Advances in Intelligent Systems and Computing, vol 365. Springer, Cham https://doi.org/10.1007/978-3-319-19216-1_37	19	25	33
2	Kharchenko V., Illiashenko O. (2017) Concepts of Green IT Engineering: Taxonomy, Principles and Implementation. In: Kharchenko V., Kondratenko Y., Kacprzyk J. (eds) Green IT Engineering: Concepts, Models, Complex Systems Architectures. Studies in Systems, Decision and Control, vol 74. Springer, Cham https://doi.org/10.1007/978-3-319-44162-7_1	16	32	41
3	Modelling of healthcare IoT using the queueing theory. Strielkina, A.; Uzun, D.; Kharchenko, V. Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2017, Volume 2, pp. 849-852. DOI: 10.1109/IDAACS.2017.8095207	3	13	22
4	Reliability & security issues for IoT-based smart business center: Architecture & Markov model. Kharchenko, V.; Kolisnyk, M.; Piskachova, I.; Bardis, N. Proceedings - 2016 3rd International Conference on Mathematics and Computers in Sciences and in Industry, MCSI 2016, pp. 313-318. DOI: 10.1109/MCSI.2016.064	3	8	13
5	V. Kharchenko, O. Illiashenko, A. Boyarchuk, V. Sklyar and C. Phillips, "Emerging curriculum for industry and human applications in Internet of Things," 2017 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS), Bucharest, 2017, pp. 918-922. doi: 10.1109/IDAACS.2017.8095220	2	4	6
6	V. Kharchenko, O. Illiashenko, A. Boyarchuk, C. Phillips, J. Vain and M. Krispin, "FPGA-based critical computing: TEMPUS and FP7 projects issues," 10th European Workshop on Microelectronics Education (EWME), Tallinn, 2014, pp. 74-79. doi: 10.1109/EWME.2014.6877399	2	2	4
7	Software reliability models and assessment techniques review: Classification issues. Maevsky, D.; Kharchenko, V.; Kolisnyk, M.; Maevskaya, E. Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2017, Volume 2, pp. 894-899. DOI: 10.1109/IDAACS.2017.8095216	1	3	5
8	Decentralized e-Health Architecture for Boosting Healthcare Analytics. Kotsiuba, I., Velykzhanin, A., Yanovich, Y., Bandurova, I.S., Dyachenko, Y., Zhygulyn, V. Proceedings of the 2nd World Conference on Smart Trends in Systems, Security and Sustainability, WorldS4 2018, Pages 44-50 DOI: 10.1109/WorldS4.2018.8611621	1	2	4
9	O. Illiashenko, V. Kharchenko, A. Kor, A. Panarin and V. Sklyar, "Hardware diversity and modified NUREG/CR-7007 based assessment of NPP I&C safety," 2017 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS), Bucharest, 2017, pp. 907-911. doi: 10.1109/IDAACS.2017.8095218	1	1	3

10	Kharchenko, Vyacheslav S., Illiashenko, Oleg A., Kovalenko, Andriy A., Sklyar, Vladimir V., and Boyarchuk, Artem V. "Security Informed Safety Assessment of NPP I&C Systems: GAP-IMECA Technique." Proceedings of the 2014 22nd International Conference on Nuclear Engineering. Volume 3: Next Generation Reactors and Advanced Reactors; Nuclear Safety and Security. Prague, Czech Republic. July 7–11, 2014. V003T06A054. ASME. doi:10.1115/ICONE22-31175		8	23
11	Availability models for healthcare IoT systems: Classification and research considering attacks on vulnerabilities. Strielkina, A.; Kharchenko, V.; Uzun, D. Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, 2018, pp. 58-62. DOI: 10.1109/DESSERT.2018.8409099		8	12
12	Illiashenko O., Kharchenko V., Brezhnev E., Boyarchuk A., Golovanevskiy V., Security Informed Safety Assessment of Industrial FPGA-Based Systems, Proceedings of Probabilistic Safety Assessment and Management Conference PSAM 12, 24-27 June 2014, Hololulu, Hawaii, USA – 11 p. https://doi.org/10.1115/ICONE22-31175		4	6
13	Availability Models of the Healthcare Internet of Things System Taking into Account Countermeasures Selection. Strielkina, A.; Kharchenko, V.; Uzun, D. Communications in Computer and Information Science, 2019, Volume 1007, pp. 220-242. DOI: 10.1007/978-3-030-13929-2_11		3	4
14	Illiashenko O., Kharchenko V., Kovalenko A., "Cyber security lifecycle and assessment technique for FPGA-based I&C systems," East-West Design & Test Symposium (EWDTS 2013), Rostov-on-Don, 2013, pp. 1-5. doi: 10.1109/EWDTS.2013.6673155		2	8
15	Cybersecurity of healthcare IoT-based systems: Regulation and case-oriented assessment. Strielkina, A.; Illiashenko, O.; Zhydenko, M.; Uzun, D. Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, 2018, pp. 67-73. DOI: 10.1109/DESSERT.2018.8409101		2	8
16	Illiashenko O., Kharchenko V., Ahtyamov M., "Security assessment and green issues of FPGA-based information & control systems," The International Conference on Digital Technologies 2013, Zilina, 2013, pp. 185-190. doi: 10.1109/DT.2013.6566309		2	5
17	The information service for delivering arrival public transport predictionю Skarga-Bandurova, I., Derkach, M., Kotsiuba, I. Proceedings of the 2018 IEEE 4th International Symposium on Wireless Systems within the International Conferences on Intelligent Data Acquisition and Advanced Computing Systems, IDAACS-SWS 2018, Article number 8525787, Pages 191-195 DOI: 10.1109/IDAACS-SWS.2018.8525787		2	3
18	Kharchenko V., Illiashenko O., Diversity for security: case assessment for FPGA-based safety-critical systems, MATEC Web Conf., 76 (2016) 02051 DOI: https://doi.org/10.1051/mateconf/20167602051		1	6
19	V. Kharchenko, S. Dotsenko, O. Illiashenko and S. Kamenskyi, "Integrated Cyber Safety & Security Management System: Industry 4.0 Issue," 2019 10th International Conference on Dependable Systems, Services and Technologies (DESSERT), Leeds, United Kingdom, 2019, pp. 197-201. doi: 10.1109/DESSERT.2019.8770010		1	3
20	Y. Vlasov, O. Illiashenko, D. Uzun and O. Haimanov, "Prototyping tools for IoT systems based on virtualization techniques," 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies (DESSERT), Kiev, 2018, pp. 87-92. doi: 10.1109/DESSERT.2018.8409105		1	2
21	The research of the smart office availability model considering patches on the router firewall software. Kharchenko, V.; Kolisnyk, M.; Piskachova, I. Proceedings of 2018 IEEE 9th International Conference on Dependable		1	1

	Systems, Services and Technologies, DESSERT 2018, 2018, pp. 169-174. 10.1109/DESSERT.2018.8409121			
22	A Markov model of IoT system availability considering DDoS attacks, patching and energy modes. Kharchenko, V.; Kolisnyk, M. Studies in Systems, Decision and Control, Green IT Engineering: Social, Business and Industrial Applications, 2019, Volume 171, pp. 185-207.		1	1
23	Communication Messaging Models in IoT/WoT: Survey and Application. Tkachenko, V., Goriushkina, A., Kolisnyk, M. 2018 International Scientific-Practical Conference on Problems of Infocommunications Science and Technology, PIC S and T 2018 - Proceedings, 2019, pp. 417-422. 10.1109/INFOCOMMST.2018.8632063		1	1
24	Boyarchuk, A., Illiashenko, O., Kharchenko, V., Maevsky D., Phillips C., Vystorobska L., Plakhteev, A., Vystorobska, L. – Internet of Things for industry and human applications: ALIOT-based vertically integrated education “Dependable IoT for Human and Industry: Modeling, Architecting, Implementation” – River Publishers, 2019, pp.535-559		1	
25	Illiashenko, Oleg A., Broshevan, Yevheniia V., and Kharchenko, Vyacheslav S. "Cybersecurity Case for FPGA-Based NPP Instrumentation and Control Systems." Proceedings of the 2016 24th International Conference on Nuclear Engineering. Volume 5: Student Paper Competition. Charlotte, North Carolina, USA. June 26–30, 2016. V005T15A027. ASME. doi: 10.1115/ICONE24-60440			6
26	O. Illiashenko and V. Pevnev, "Development of Large Numbers Factorization Algorithm," 2019 10th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS), Metz, France, 2019, pp. 1078-1081. doi: 10.1109/IDAACS.2019.8924341			
27	P. Rusnak, P. Sedlacek, A. Forgac, O. Illiashenko and V. Kharchenko, "Structure Function Based Methods in Evaluation of Availability of Healthcare system," 2019 10th International Conference on Dependable Systems, Services and Technologies (DESSERT), Leeds, United Kingdom, 2019, pp. 13-18. doi: 10.1109/DESSERT.2019.8770009			
28	Al-Khafaji Ahmed Waleed, Vyacheslav Kharchenko, Dmytro Uzun, Oleg Illiashenko, Oleksandr Solovyov – PSMECA Analysis of IoT-Based Physical Security Systems “Dependable IoT for Human and Industry: Modeling, Architecting, Implementation” – River Publishers, 2019, pp.127-143			
29	Ильяшенко, О.А. Многоэтапный анализ надежности и безопасности информационно управляющих систем [Текст] / О.А. Ильяшенко, Е.В. Бабешко, В.С. Харченко // Радиоэлектронні та комп'ютерні системи. – 2010 №7 (48) – С. 283-288.			8
30	Ильяшенко, О.А. Информационная безопасность промышленных ИУС на FPGA: нормативная база и SIS подход [Текст] / О.А. Ильяшенко, В.С. Харченко, Г.Ерван // Радиоэлектронні та комп'ютерні системи. – 2013 № 3 (62) – С. 86-91.			5
31	A Markov Model of IoT System Availability Considering DDoS Attacks and Energy Modes of Server and Router. Kharchenko, V.; Kolisnyk, M.; Piskachova, I.; Bardis, N. CEUR-WS, 2017, Volume 1007, pp. 220-242. DOI: 10.1007/978-3-030-13929-2_11			4
32	A Markov model of IoT system availability considering DDoS attacks, patching and energy modes. Kharchenko, V.; Kolisnyk, M., Volume 1844, 2018, pp. 67-73.			4
33	Kharchenko V., Illiashenko O., Phillips C., Vain J. Green computing within the context of educational and research projects. Recent Advances in Computer Science, 19th International Conference on Circuits, Systems, Communications and Computers, (CSCC 2015), Zakynthos Island, Greece, July 16-20, 2015, pp. 513-518			3
34	Ильяшенко, О.А. Многоэтапный анализ надежности и безопасности информационно управляющих систем. Радиоэлектронні та комп'ютерні системи. – 2010 №7 (48) – С. 283-288.			2

35	A Markov Model of Healthcare Internet of Things System Considering Failures of Components. Strielkina, A.; Kharchenko, V.; Uzun, D. 14th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer, 2018, pp. 530-543			2
36	Illiashenko, O., Kharchenko, V., Kor, A-L. Gap-analysis of Assurance Case-Based Cybersecurity Assessment: Technique and Case Study. Advanced Information Systems, 2018, №2(1), P. 64–68. DOI: 10.20998/2522-9052.2018.1.12			1
37	Kharchenko, V., Illiashenko, O., Boyarchuk, A., Vain, J. “SEREIN” Project: Modernization of Postgraduate Studies on Security and Resilience For Human and Industry Related Domains. Information & Security: An International Journal, 2016, № 35 (1), P. 29–48.			1
38	Modeling and Availability Assessment of Mobile Healthcare IoT Using Tree Analysis and Queueing Theory. Strielkina, A.; Uzun, D.; Kharchenko, V.; Tetskyi, A. Dependable IoT for Human and Industry: Modeling, Architecting, Implementation, 2018, pp. 105-126.			1
39	IoT solutions for health monitoring: analysis and case study. Medvediev, I.; Illiashenko, O.; Uzun, D.; Strielkina, A. Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, 2018, pp. 163-168. DOI: 10.1109/DESSERT.2018.8409120			1
40	Blockchain Evolution: From Bitcoin to Forensic in Smart Grids. Kotsiuba, I., Velykzhanin, A., Biloborodov, O., Skarga-Bandurova, I., Biloborodova, T., Yanovich, Y., Zhygulin, V. Proceedings - 2018 IEEE International Conference on Big Data, Big Data 2018 2019, Pages 3100-3106 DOI: 10.1109/BigData.2018.8622232			1

Загальна кількість цитувань	48	128	253
h-індекс робіт	3	6	8

h-індекс авторів			
Ілляшенко	2	4	7
Колісник	1	2	4
Стрелкіна	1	3	4
Коцюба	1	2	2
Загальний h-індекс авторів	5	11	17