

Alexander Shelupanov

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

159
citations

7
h-index

10
g-index

62
ext. papers

218
ext. citations

1.6
avg, IF

3.58
L-index

#	Paper	IF	Citations
48	Information Security Methods Modern Research Directions. <i>Symmetry</i> , 2019 , 11, 150	2.7	16
47	2017 ,		13
46	Source Code Authorship Identification Using Deep Neural Networks. <i>Symmetry</i> , 2020 , 12, 2044	2.7	10
45	A Fuzzy Classifier with Feature Selection Based on the Gravitational Search Algorithm. <i>Symmetry</i> , 2018 , 10, 609	2.7	10
44	A novel multiple-axis MEMS gyroscope-accelerometer with decoupling frames. <i>Sensor Review</i> , 2019 , 39, 670-681	1.4	8
43	Feature Selection Based on Swallow Swarm Optimization for Fuzzy Classification. <i>Symmetry</i> , 2019 , 11, 1423	2.7	8
42	Model of Threats to Computer Network Software. <i>Symmetry</i> , 2019 , 11, 1506	2.7	8
41	Automatic text-independent speaker verification using convolutional deep belief network. <i>Computer Optics</i> , 2020 , 44, 596-605	1.4	7
40	Threat Model for IoT Systems on the Example of OpenUNB Protocol. <i>International Journal of Emerging Trends in Engineering Research</i> , 283-290	1.7	7
39	Text marking approach for data leakage prevention. <i>Journal of Computer Virology and Hacking Techniques</i> , 2019 , 15, 219-232	3	5
38	Construction of hybrid intelligent system of express-diagnostics of information security attackers based on the synergy of several sciences and scientific directions. <i>Pattern Recognition and Image Analysis</i> , 2016 , 26, 524-532	1	5
37	Building a Fuzzy Classifier Based on Whale Optimization Algorithm to Detect Network Intrusions. <i>Symmetry</i> , 2021 , 13, 1211	2.7	5
36	Structure of information security subsystem in the systems of commercial energy resources accounting. <i>Journal of Physics: Conference Series</i> , 2019 , 1145, 012018	0.3	4
35	Simulation modelling as a tool to diagnose the complex networks of security systems. <i>Journal of Physics: Conference Series</i> , 2017 , 803, 012057	0.3	4
34	An improved algorithm for data hiding in compressed digital images based on PM1 method. <i>Computer Optics</i> , 2015 , 39, 572-581	1.4	4
33	Authorship Identification of a Russian-Language Text Using Support Vector Machine and Deep Neural Networks. <i>Future Internet</i> , 2021 , 13, 3	3.3	4
32	Determining the Age of the Author of the Text Based on Deep Neural Network Models. <i>Information (Switzerland)</i> , 2020 , 11, 589	2.6	4

31	Research of G3-PLC net self-organization processes in the NS-3 modeling framework 2017 ,		3
30	The Comparison of Cybersecurity Datasets. <i>Data</i> , 2022 , 7, 22	2.3	3
29	Conceptual Issues of Information Security of the Region and Training. <i>SPIIRAS Proceedings</i> , 2014 , 3, 136	1.6	3
28	An algorithm for information embedding into compressed digital images based on replacement procedures with use of optimization. <i>Computer Optics</i> , 2017 , 41, 412-421	1.4	3
27	The Evaluation Process Automation of Phrase and Word Intelligibility Using Speech Recognition Systems. <i>Lecture Notes in Computer Science</i> , 2019 , 237-246	0.9	3
26	The Algorithm of Continuous Optimization Based on the Modified Cellular Automaton. <i>Symmetry</i> , 2016 , 8, 84	2.7	3
25	Application of the Gravitational Search Algorithm for Constructing Fuzzy Classifiers of Imbalanced Data. <i>Symmetry</i> , 2019 , 11, 1458	2.7	3
24	Research of communication quality assessment algorithm according to the standard G3-PLC 2017 ,		2
23	Assessment of security systems complex networks security 2014 ,		2
22	Ignition of condensed material. <i>Combustion, Explosion and Shock Waves</i> , 1988 , 24, 297-299	1	2
21	Fusion of BiLSTM and GMM-UBM Systems for Audio Spoofing Detection. <i>International Journal of Advanced Trends in Computer Science and Engineering</i> , 2019 , 6, 1741-1746	1.7	2
20	Internet of Things: Security of Embedded Devices 2018 ,		2
19	Metric of Highlighting the Synchronicity of Time Series and Its Application in Analyzing the Fundamental Frequencies of the Speaker's Speech Signal. <i>Symmetry</i> , 2020 , 12, 1943	2.7	1
18	Development of hybrid intelligent system of express-diagnostics for detection potential attacker 2015 ,		1
17	Key Concepts of Systemological Approach to CPS Adaptive Information Security Monitoring. <i>Symmetry</i> , 2021 , 13, 2425	2.7	1
16	Gravitational Search For Designing A Fuzzy Rule-Based Classifiers For Handwritten Signature Verification. <i>Journal of Communications Software and Systems</i> , 2019 , 15,	0.8	1
15	Assessment of Syllable Intelligibility Based on Convolutional Neural Networks for Speech Rehabilitation After Speech Organs Surgical Interventions. <i>Lecture Notes in Computer Science</i> , 2019 , 359-389	0.9	1
14	Mathematical Model for Choosing Counterparty When Assessing Information Security Risks. <i>Risks</i> , 2021 , 9, 133	1.6	1

13	An Authorship Protection Technology for Electronic Documents Based on Image Watermarking. <i>Technologies</i> , 2020 , 8, 79	2.4	0
12	Analysis of the level of SNR in the PLC channel based on the results of mathematical and physical modelling. <i>Journal of Physics: Conference Series</i> , 2019 , 1145, 012013	0.3	0
11	Analysis structure and algorithms used in personal ECG recorders. <i>Bio-Medical Engineering</i> , 2007 , 41, 150-153	0.5	0
10	Score Normalization of X-Vector Speaker Verification System for Short-Duration Speaker Verification Challenge. <i>Lecture Notes in Computer Science</i> , 2020 , 457-466	0.9	0
9	Neural Network-Based Price Tag Data Analysis. <i>Future Internet</i> , 2022 , 14, 88	3.3	0
8	A Survey on Threat-Modeling Techniques: Protected Objects and Classification of Threats. <i>Symmetry</i> , 2022 , 14, 549	2.7	0
7	Authorship Attribution of Social Media and Literary Russian-Language Texts Using Machine Learning Methods and Feature Selection. <i>Future Internet</i> , 2022 , 14, 4	3.3	0
6	Comparative Evaluation of Algorithms for Spatial Interpolation of Atmospheric State Parameters Based on a Dynamic Stochastic Model Taking into Account the Vertical Variation of a Meteorological Field. <i>Symmetry</i> , 2019 , 11, 1207	2.7	
5	Fuzzy classifier design for network intrusion detection using the gravitational search algorithm. <i>Journal of Physics: Conference Series</i> , 2019 , 1145, 012008	0.3	
4	Comparative analysis of the signal power density in a real PLC channel and a simulation-based NS-3 environment. <i>Journal of Physics: Conference Series</i> , 2019 , 1145, 012017	0.3	
3	Modeling the operating regimes of the small- and large-sized generating electrodes of an intracardiac navigation system attendant to changes of the contact surface resistance. <i>Russian Physics Journal</i> , 2012 , 55, 311-316	0.7	
2	Methods for increasing the reliability of coordinate determination by the location and imaging systems of endocardial electrodes. <i>Bio-Medical Engineering</i> , 2007 , 41, 145-149	0.5	
1	Modeling threats to information security using IDEF0 methodology. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 597, 012071	0.4	