

Alexander Shelupanov

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

269
citations

1039880

9
h-index

1125617

13
g-index

62
all docs

62
docs citations

62
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	The cybersecurity in development of IoT embedded technologies. , 2017, , .		20
2	Information Security Methodsâ€™Modern Research Directions. Symmetry, 2019, 11, 150.	1.1	19
3	A Fuzzy Classifier with Feature Selection Based on the Gravitational Search Algorithm. Symmetry, 2018, 10, 609.	1.1	17
4	Source Code Authorship Identification Using Deep Neural Networks. Symmetry, 2020, 12, 2044.	1.1	17
5	Authorship Identification of a Russian-Language Text Using Support Vector Machine and Deep Neural Networks. Future Internet, 2021, 13, 3.	2.4	14
6	Feature Selection Based on Swallow Swarm Optimization for Fuzzy Classification. Symmetry, 2019, 11, 1423.	1.1	13
7	The Comparison of Cybersecurity Datasets. Data, 2022, 7, 22.	1.2	11
8	Building a Fuzzy Classifier Based on Whale Optimization Algorithm to Detect Network Intrusions. Symmetry, 2021, 13, 1211.	1.1	10
9	A novel multiple-axis MEMS gyroscope-accelerometer with decoupling frames. Sensor Review, 2019, 39, 670-681.	1.0	9
10	Model of Threats to Computer Network Software. Symmetry, 2019, 11, 1506.	1.1	9
11	Automatic text-independent speaker verification using convolutional deep belief network. Computer Optics, 2020, 44, .	1.3	9
12	Threat Model for IoT Systems on the Example of OpenUNB Protocol. International Journal of Emerging Trends in Engineering Research, 0, , 283-290.	0.7	9
13	Determining the Age of the Author of the Text Based on Deep Neural Network Models. Information (Switzerland), 2020, 11, 589.	1.7	9
14	Key Concepts of Systemological Approach to CPS Adaptive Information Security Monitoring. Symmetry, 2021, 13, 2425.	1.1	9
15	Simulation modelling as a tool to diagnose the complex networks of security systems. Journal of Physics: Conference Series, 2017, 803, 012057.	0.3	7
16	Authorship Attribution of Social Media and Literary Russian-Language Texts Using Machine Learning Methods and Feature Selection. Future Internet, 2022, 14, 4.	2.4	7
17	Construction of hybrid intelligent system of express-diagnostics of information security attackers based on the synergy of several sciences and scientific directions. Pattern Recognition and Image Analysis, 2016, 26, 524-532.	0.6	6
18	Text marking approach for data leakage prevention. Journal of Computer Virology and Hacking Techniques, 2019, 15, 219-232.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Application of the Gravitational Search Algorithm for Constructing Fuzzy Classifiers of Imbalanced Data. <i>Symmetry</i> , 2019, 11, 1458.	1.1	5
20	The Evaluation Process Automation of Phrase and Word Intelligibility Using Speech Recognition Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 237-246.	1.0	5
21	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.	1.3	5
22	Assessment of security systems complex networks security. , 2014, , .		4
23	The Algorithm of Continuous Optimization Based on the Modified Cellular Automaton. <i>Symmetry</i> , 2016, 8, 84.	1.1	4
24	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
25	An improved algorithm for data hiding in compressed digital images based on PM1 method. <i>Computer Optics</i> , 2015, 39, 572-581.	1.3	4
26	Research of G3-PLC net self-organization processes in the NS-3 modeling framework. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	3
27	Internet of Things: Security of Embedded Devices. , 2018, , .		3
28	Conceptual Issues of Information Security of the Region and Training. <i>SPIIRAS Proceedings</i> , 2014, 3, 136.	0.8	3
29	Neural Network-Based Price Tag Data Analysis. <i>Future Internet</i> , 2022, 14, 88.	2.4	3
30	A Survey on Threat-Modeling Techniques: Protected Objects and Classification of Threats. <i>Symmetry</i> , 2022, 14, 549.	1.1	3
31	Ignition of condensed material. <i>Combustion, Explosion and Shock Waves</i> , 1988, 24, 297-299.	0.3	2
32	Student paper contest on Information Security SIBINFO. , 2004, 42, 27-30.		2
33	Analysis structure and algorithms used in personal ECG recorders. <i>Bio-Medical Engineering</i> , 2007, 41, 150-153.	0.3	2
34	Research of communication quality assessment algorithm according to the standard G3-PLC. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2
35	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	2
36	Gravitational Search For Designing A Fuzzy Rule-Based Classifiers For Handwritten Signature Verification. <i>Journal of Communications Software and Systems</i> , 2019, 15, .	0.6	2

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37	Fusion of BiLSTM and GMM-UBM Systems for Audio Spoofing Detection. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 6, 1741-1746.	0.6	2
38	Score Normalization of X-Vector Speaker Verification System for Short-Duration Speaker Verification Challenge. Lecture Notes in Computer Science, 2020, , 457-466.	1.0	2
39	Development of hybrid intelligent system of express-diagnostics for detection potential attacker. , 2015, , .		1
40	A method for obtaining coefficients of compositional inverse generating functions. AIP Conference Proceedings, 2016, , .	0.3	1
41	Metric of Highlighting the Synchronicity of Time Series and Its Application in Analyzing the Fundamental Frequencies of the Speaker's Speech Signal. Symmetry, 2020, 12, 1943.	1.1	1
42	An Authorship Protection Technology for Electronic Documents Based on Image Watermarking. Technologies, 2020, 8, 79.	3.0	1
43	Mathematical Model for Choosing Counterparty When Assessing Information Security Risks. Risks, 2021, 9, 133.	1.3	1
44	Assessment of Syllable Intelligibility Based on Convolutional Neural Networks for Speech Rehabilitation After Speech Organs Surgical Interventions. Lecture Notes in Computer Science, 2019, , 359-369.	1.0	1
45	Development of the parallel calculations language. , 0, , .		0
46	Technology to organizations the calculations in whole numbers for digital recursive filters. , 0, , .		0
47	Mathematical modelling of the areflux anastomosis in treatment of the cancer stomach. , 0, , .		0
48	Mathematical forecasting of current and surgical treatment of postbulbar ulcers of duodenum. , 0, , .		0
49	Redevelopment engineering software. , 0, , .		0
50	The approaches to operative spatial visualizations of internal structures of heart. , 0, , .		0
51	Methods for increasing the reliability of coordinate determination by the location and imaging systems of endocardial electrodes. Bio-Medical Engineering, 2007, 41, 145-149.	0.3	0
52	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. Russian Physics Journal, 2012, 55, 311-316.	0.2	0
53	Integer properties of a composition of exponential generating functions. AIP Conference Proceedings, 2017, , .	0.3	0
54	Functional Scheme of the Process of Access Control. , 2018, , .		0

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55	User Identification by the Free-Text Keystroke Dynamics. , 2018, , .		0
56	Explicit formulas for the Eulerian numbers of the second kind. AIP Conference Proceedings, 2019, , .	0.3	0
57	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. Symmetry, 2019, 11, 1207.	1.1	0
58	A library for calculating polynomials based on compositae of generating functions. AIP Conference Proceedings, 2019, , .	0.3	0
59	Fuzzy classifier design for network intrusion detection using the gravitational search algorithm. Journal of Physics: Conference Series, 2019, 1145, 012008.	0.3	0
60	Comparative analysis of the signal power density in a real PLC channel and a simulation-based NS-3 environment. Journal of Physics: Conference Series, 2019, 1145, 012017.	0.3	0
61	Modeling threats to information security using IDEF0 methodology. IOP Conference Series: Materials Science and Engineering, 2019, 597, 012071.	0.3	0
62	Personalized Distance Learning Using the STACK System. , 2017, , .		0