

# Alexander Shelupanov

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8326971/alexander-shelupanov-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The Comparison of Cybersecurity Datasets. <i>Data</i> , <b>2022</b> , 7, 22	2.3	3
47	Neural Network-Based Price Tag Data Analysis. <i>Future Internet</i> , <b>2022</b> , 14, 88	3.3	0
46	A Survey on Threat-Modeling Techniques: Protected Objects and Classification of Threats. <i>Symmetry</i> , <b>2022</b> , 14, 549	2.7	0
45	Authorship Attribution of Social Media and Literary Russian-Language Texts Using Machine Learning Methods and Feature Selection. <i>Future Internet</i> , <b>2022</b> , 14, 4	3.3	0
44	Key Concepts of Systemological Approach to CPS Adaptive Information Security Monitoring. <i>Symmetry</i> , <b>2021</b> , 13, 2425	2.7	1
43	Authorship Identification of a Russian-Language Text Using Support Vector Machine and Deep Neural Networks. <i>Future Internet</i> , <b>2021</b> , 13, 3	3.3	4
42	Mathematical Model for Choosing Counterparty When Assessing Information Security Risks. <i>Risks</i> , <b>2021</b> , 9, 133	1.6	1
41	Building a Fuzzy Classifier Based on Whale Optimization Algorithm to Detect Network Intrusions. <i>Symmetry</i> , <b>2021</b> , 13, 1211	2.7	5
40	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> , <b>2020</b> , 12, 1943	2.7	1
39	An Authorship Protection Technology for Electronic Documents Based on Image Watermarking. <i>Technologies</i> , <b>2020</b> , 8, 79	2.4	0
38	Automatic text-independent speaker verification using convolutional deep belief network. <i>Computer Optics</i> , <b>2020</b> , 44, 596-605	1.4	7
37	Score Normalization of X-Vector Speaker Verification System for Short-Duration Speaker Verification Challenge. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 457-466	0.9	0
36	Determining the Age of the Author of the Text Based on Deep Neural Network Models. <i>Information (Switzerland)</i> , <b>2020</b> , 11, 589	2.6	4
35	Source Code Authorship Identification Using Deep Neural Networks. <i>Symmetry</i> , <b>2020</b> , 12, 2044	2.7	10
34	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> , <b>2019</b> , 11, 1207	2.7	
33	Text marking approach for data leakage prevention. <i>Journal of Computer Virology and Hacking Techniques</i> , <b>2019</b> , 15, 219-232	3	5
32	Information Security Methods Modern Research Directions. <i>Symmetry</i> , <b>2019</b> , 11, 150	2.7	16

31	Fuzzy classifier design for network intrusion detection using the gravitational search algorithm. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1145, 012008	0.3	
30	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> , <b>2019</b> , 1145, 012017	0.3	
29	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> , <b>2019</b> , 1145, 012013	0.3	0
28	Structure of information security subsystem in the systems of commercial energy resources accounting. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1145, 012018	0.3	4
27	A novel multiple-axis MEMS gyroscope-accelerometer with decoupling frames. <i>Sensor Review</i> , <b>2019</b> , 39, 670-681	1.4	8
26	Gravitational Search For Designing A Fuzzy Rule-Based Classifiers For Handwritten Signature Verification. <i>Journal of Communications Software and Systems</i> , <b>2019</b> , 15,	0.8	1
25	Fusion of BiLSTM and GMM-UBM Systems for Audio Spoofing Detection. <i>International Journal of Advanced Trends in Computer Science and Engineering</i> , <b>2019</b> , 6, 1741-1746	1.7	2
24	The Evaluation Process Automation of Phrase and Word Intelligibility Using Speech Recognition Systems. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 237-246	0.9	3
23	Assessment of Syllable Intelligibility Based on Convolutional Neural Networks for Speech Rehabilitation After Speech Organs Surgical Interventions. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 359-389	0.9	1
22	Modeling threats to information security using IDEF0 methodology. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 597, 012071	0.4	
21	Application of the Gravitational Search Algorithm for Constructing Fuzzy Classifiers of Imbalanced Data. <i>Symmetry</i> , <b>2019</b> , 11, 1458	2.7	3
20	Feature Selection Based on Swallow Swarm Optimization for Fuzzy Classification. <i>Symmetry</i> , <b>2019</b> , 11, 1423	2.7	8
19	Model of Threats to Computer Network Software. <i>Symmetry</i> , <b>2019</b> , 11, 1506	2.7	8
18	A Fuzzy Classifier with Feature Selection Based on the Gravitational Search Algorithm. <i>Symmetry</i> , <b>2018</b> , 10, 609	2.7	10
17	Internet of Things: Security of Embedded Devices <b>2018</b> ,		2
16	<b>2017</b> ,		13
15	Research of communication quality assessment algorithm according to the standard G3-PLC <b>2017</b> ,		2
14	Research of G3-PLC net self-organization processes in the NS-3 modeling framework <b>2017</b> ,		3

13	Simulation modelling as a tool to diagnose the complex networks of security systems. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 803, 012057	0.3	4
12	An algorithm for information embedding into compressed digital images based on replacement procedures with use of optimization. <i>Computer Optics</i> , <b>2017</b> , 41, 412-421	1.4	3
11	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> , <b>2016</b> , 26, 524-532	1	5
10	The Algorithm of Continuous Optimization Based on the Modified Cellular Automaton. <i>Symmetry</i> , <b>2016</b> , 8, 84	2.7	3
9	Development of hybrid intelligent system of express-diagnostics for detection potential attacker <b>2015</b> ,		1
8	An improved algorithm for data hiding in compressed digital images based on PM1 method. <i>Computer Optics</i> , <b>2015</b> , 39, 572-581	1.4	4
7	Assessment of security systems complex networks security <b>2014</b> ,		2
6	Conceptual Issues of Information Security of the Region and Training. <i>SPIIRAS Proceedings</i> , <b>2014</b> , 3, 136	1.6	3
5	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> , <b>2012</b> , 55, 311-316	0.7	
4	Methods for increasing the reliability of coordinate determination by the location and imaging systems of endocardial electrodes. <i>Bio-Medical Engineering</i> , <b>2007</b> , 41, 145-149	0.5	
3	Analysis structure and algorithms used in personal ECG recorders. <i>Bio-Medical Engineering</i> , <b>2007</b> , 41, 150-153	0.5	0
2	Ignition of condensed material. <i>Combustion, Explosion and Shock Waves</i> , <b>1988</b> , 24, 297-299	1	2
1	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