Andrei Sukhov

List of Publications by Year
in descending order

43 papers	155 citations	1307594 7 h-index	1281871 11 g-index
43 all docs	43 docs citations	43 times ranked	139 citing authors

#	Article	IF	Citations
1	AGRA: AI-augmented geographic routing approach for IoT-based incident-supporting applications. Future Generation Computer Systems, 2019, 92, 1051-1065.	7.5	27
2	A Constrained Shortest Path Scheme for Virtual Network Service Management. IEEE Transactions on Network and Service Management, 2019, 16, 127-142.	4.9	14
3	Network Attack Detection at Flow Level. Lecture Notes in Computer Science, 2011, , 326-334.	1.3	10
4	Towards an analytical model for characterising behaviour of high-speed VVoIP applications. Computational Methods in Science and Technology, 2005, 11, 161-167.	0.3	10
5	Fault-Tolerant Routing in Networks-on-Chip Using Self-Organizing Routing Algorithms. , 2021, , .		10
6	Adaptive Dynamic Shortest Path Search Algorithm in Networks-on-Chip Based on Circulant Topologies. IEEE Access, 2021, 9, 160836-160846.	4.2	9
7	A general constrained shortest path approach for virtual path embedding. , 2016, , .		8
8	Rank distribution for determining the threshold values of network variables and the analysis of DDoS attacks. Procedia Engineering, 2017, 201, 417-427.	1.2	8
9	Active flows in diagnostic of troubleshooting on backbone links. Journal of High Speed Networks, 2011, 18, 69-81.	0.8	7
10	Generating a function for network delay. Journal of High Speed Networks, 2016, 22, 321-333.	0.8	7
11	Parameters of cache systems based on a Zipf-like distribution. Computer Networks, 2001, 37, 711-716.	5.1	5
12	The neighborhoods method and routing in sensor networks. , 2013, , .		5
13	Influence of distortions of key frames on video transfer in wireless networks. , 2010, , .		4
14	A metric for dynamic routing based on variational principles. Journal of High Speed Networks, 2013, 19, 155-163.	0.8	4
15	Simulation Technique for Available Bandwidth Estimation. , 2010, , .		3
16	Analysis of Internet service user audiences for network security problems. , 2014, , .		3
17	Application of SDN Technologies to Protect Against Network Intrusions. , 2018, , .		3
18	Time-based criteria for performance comparison of resource-intensive user tasks in virtual desktops. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Composite distribution for one-way packet delay in the global network. , 2016, , .		2
20	REBATE: A REpulsive-BAsed Traffic Engineering protocol for dynamic scale-free networks. Future Generation Computer Systems, 2020, 108, 624-635.	7.5	2
21	New life for cordless communication, old regrets for software projects. Communications of the ACM, 2021, 64, 6-7.	4.5	2
22	DETECTING NETWORK ATTACKS AT FLOW LEVEL. Telecommunications and Radio Engineering (English) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	2
23	THE DISTRIBUTION FUNCTION OF PACKAGE DELAY IN THE GLOBAL NETWORK FOR THE CONTROL THEORY PROBLEMS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	2
24	Evaluating the effectiveness of geographic routing based on RIPE Atlas data. , 2014, , .		1
25	Device for measuring one-way network delay with microsecond accuracy. , 2015, , .		1
26	Cluster approach for network routing in hierarchical systems. Journal of Physics: Conference Series, 2018, 1096, 012080.	0.4	1
27	Analysis of Network Threats Based on Data from Server-Traps. , 2019, , .		1
28	Assessment Technologies of Communication Quality in MANET Networks. , 2019, , .		1
29	Video Streaming in Ad Hoc Networks. , 2020, , .		1
30	Duplication of key frames of video streams in wireless networks. , 2011, , .		0
31	Differentiation criterion for classes of network service. Journal of High Speed Networks, 2015, 21, 155-164.	0.8	0
32	Observation of gravitational redshift in the telecommunications environment. , 2015, , .		0
33	Data exchange protocol in self-organizing computing environments. Procedia Engineering, 2017, 201, 677-683.	1.2	0
34	Measurement of One-Way Delays in IP Networks. Measurement Techniques, 2017, 60, 359-365.	0.6	0
35	Data Exchange in Self-Organizing Wireless Networks with Low Latency. , 2017, , .		0
36	Greedy forwarding for hyperbolic space in MANET. , 2017, , .		0

#	Article	IF	Citations
37	Building a Network Intrusion Model Based on Data from Honeypots. , 2018, , .		0
38	Addressing system and routing without tables in new generation networks. Journal of Physics: Conference Series, 2019, 1368, 052005.	0.4	0
39	Assessing internet software engineering, encouraging competitions. Communications of the ACM, 2021, 64, 8-9.	4.5	0
40	Technologies for Digital Television Broadcasting in the Internet and Cellular Networks. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2008, 67, 1743-1748.	0.4	0
41	Systems of Internet Traffic Reservation. Architecture and Algorithms. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2009, 68, 1189-1193.	0.4	0
42	Systems of Internet Traffic Reservation. Experimental Data and Their Processing. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2009, 68, 1183-1188.	0.4	0
43	Systems of Internet Traffic Reservation. Effect of Document Change in the Global Network. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2009, 68, 721-725.	0.4	0