

Joanna Domańska

List of Publications by Year in descending order

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58
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363
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Aware Networks That Optimize Security, QoS, and Energy. Proceedings of the IEEE, 2020, 108, 1150-1167.	21.3	37
2	Necrotising Enterocolitis in Preterm Infants: Epidemiology and Antibiotic Consumption in the Polish Neonatology Network Neonatal Intensive Care Units in 2009. PLoS ONE, 2014, 9, e92865.	2.5	32
3	Late-onset bloodstream infections of Very-Low-Birth-Weight infants: data from the Polish Neonatology Surveillance Network in 2009â€“2011. BMC Infectious Diseases, 2014, 14, 339.	2.9	29
4	Early-onset Infections of Very-low-birth-weight Infants in Polish Neonatal Intensive Care Units. Pediatric Infectious Disease Journal, 2012, 31, 691-695.	2.0	23
5	A Choice of Optimal Packet Dropping Function for Active Queue Management. Communications in Computer and Information Science, 2010, , 199-206.	0.5	21
6	The Drop-From-Front Strategy in AQM. Lecture Notes in Computer Science, 2007, , 61-72.	1.3	19
7	Enterobacteriaceae Infections of Very Low Birth Weight Infants in Polish Neonatal Intensive Care Units. Pediatric Infectious Disease Journal, 2013, 32, 594-598.	2.0	18
8	Security for Internet of Things: The SerIoT Project. , 2018, , .		18
9	Research and Innovation Action for the Security of the Internet of Things: The SerIoT Project. Communications in Computer and Information Science, 2018, , 101-118.	0.5	17
10	Does surgical site infection after Caesarean section in Polish hospitals reflect high-quality patient care or poor postdischarge surveillance? Results from a 3-year multicenter study. American Journal of Infection Control, 2018, 46, 20-25.	2.3	16
11	Efficient Feature Selection for Static Analysis Vulnerability Prediction. Sensors, 2021, 21, 1133.	3.8	15
12	The Impact of Self-similarity on Traffic Shaping in Wireless LAN. Lecture Notes in Computer Science, 2008, , 156-168.	1.3	14
13	The use of a non-integer order PI controller with an active queue management mechanism. International Journal of Applied Mathematics and Computer Science, 2016, 26, 777-789.	1.5	14
14	LiDAR Point Cloud Generation for SLAM Algorithm Evaluation. Sensors, 2021, 21, 3313.	3.8	14
15	Internet Traffic Source Based on Hidden Markov Model. Lecture Notes in Computer Science, 2011, , 395-404.	1.3	12
16	A Few Investigations of Long-Range Dependence in Network Traffic. , 2014, , 137-144.		12
17	A RED modified weighted moving average for soft real-time application. International Journal of Applied Mathematics and Computer Science, 2014, 24, 697-707.	1.5	11
18	Estimating the Intensity of Long-Range Dependence in Real and Synthetic Traffic Traces. Communications in Computer and Information Science, 2015, , 11-22.	0.5	11

#	ARTICLE	IF	CITATIONS
19	Self-similarity Traffic and AQM Mechanism Based on Non-integer Order $\pi^{\alpha} D^{\eta}$ Controller. Communications in Computer and Information Science, 2017, , 336-350.	0.5	11
20	Comparison of AQM Control Systems with the Use of Fluid Flow Approximation. Communications in Computer and Information Science, 2012, , 82-90.	0.5	11
21	Fluid Flow Analysis of RED Algorithm with Modified Weighted Moving Average. Communications in Computer and Information Science, 2013, , 50-58.	0.5	11
22	The Influence of the Traffic Self-similarity on the Choice of the Non-integer Order π^{α} Controller Parameters. Communications in Computer and Information Science, 2018, , 76-83.	0.5	10
23	Modeling Packet Traffic with the Use of Superpositions of Two-State MMPPs. Communications in Computer and Information Science, 2014, , 24-36.	0.5	10
24	Implementation of modified AQM mechanisms in IP routers. Journal of Communications Software and Systems, 2017, 4, 22.	0.8	10
25	The AQM Dropping Packet Probability Function Based on Non-integer Order $\pi^{\alpha} D^{\eta} \pi^{\pm} D^{\pm}$ Controller. Lecture Notes in Electrical Engineering, 2019, , 36-48.	0.4	8
26	A Study of IP Router Queues with the Use of Markov Models. Communications in Computer and Information Science, 2016, , 294-305.	0.5	8
27	Device-associated pneumonia of very low birth weight infants in Polish Neonatal Intensive Care Units. Advances in Medical Sciences, 2016, 61, 90-95.	2.1	7
28	Cognitive Packet Networks for the Secure Internet of Things. , 2019, , .		7
29	Comparison of CHOKe and gCHOKe Active Queues Management Algorithms with the Use of Fluid Flow Approximation. Communications in Computer and Information Science, 2013, , 363-371.	0.5	7
30	GPU Accelerated Non-integer Order $\pi^{\alpha} D^{\eta} \pi^{\pm} D^{\pm}$ Controller Used as AQM Mechanism. Communications in Computer and Information Science, 2018, , 286-299.	0.5	6
31	Combined diffusion approximation simulation model of AQM's transient behavior. Computer Communications, 2021, 166, 40-48.	5.1	6
32	AQM Mechanism with the Dropping Packet Function Based on the Answer of Several π^{α} Controllers. Communications in Computer and Information Science, 2019, , 400-412.	0.5	6
33	The Fluid Flow Approximation of the TCP Vegas and Reno Congestion Control Mechanism. Communications in Computer and Information Science, 2016, , 193-200.	0.5	5
34	European Cybersecurity Research and the SerIoT Project. Communications in Computer and Information Science, 2018, , 166-173.	0.5	5
35	Self-Similar Markovian Sources. Applied Sciences (Switzerland), 2020, 10, 3727.	2.5	5
36	Random Neural Network for Lightweight Attack Detection in the IoT. Lecture Notes in Computer Science, 2021, , 79-91.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Supervised Learning of Neural Networks for Active Queue Management in the Internet. Sensors, 2021, 21, 4979.	3.8	5
38	On Stochastic Models of Internet Traffic. Communications in Computer and Information Science, 2015, , 289-303.	0.5	5
39	Performance Modeling of Selected AQM Mechanisms in TCP/IP Network. Advances in Intelligent and Soft Computing, 2009, , 11-20.	0.2	5
40	The Impact of the Modified Weighted Moving Average on the Performance of the RED Mechanism. Communications in Computer and Information Science, 2011, , 37-44.	0.5	5
41	The Random Neural Network as a Bonding Model for Software Vulnerability Prediction. Lecture Notes in Computer Science, 2021, , 102-116.	1.3	4
42	Universal Web Pages Content Parser. Communications in Computer and Information Science, 2012, , 130-138.	0.5	4
43	Optimum Checkpoints for Time and Energy. , 2020, , .		4
44	Cognitive Routing for Improvement of IoT Security. , 2019, , .		3
45	Diffusion Approximation Model of TCP NewReno Congestion Control Mechanism. SN Computer Science, 2020, 1, 1.	3.6	3
46	Long-Range Dependent Traffic Classification with Convolutional Neural Networks Based on Hurst Exponent Analysis. Entropy, 2020, 22, 1159.	2.2	3
47	Diffusion Model of a Non-Integer Order PI ³ Controller with TCP/UDP Streams. Entropy, 2021, 23, 619.	2.2	3
48	AQM Mechanism with Neuron Tuning Parameters. Lecture Notes in Computer Science, 2020, , 299-311.	1.3	3
49	Delays in IP Routers, a Markov Model. Communications in Computer and Information Science, 2016, , 185-192.	0.5	3
50	Adaptive RED in AQM. Communications in Computer and Information Science, 2009, , 174-183.	0.5	3
51	A Contribution to the Fair Scheduling for the TCP and UDP Streams. Communications in Computer and Information Science, 2010, , 207-216.	0.5	2
52	Local and Remote File Inclusion. Advances in Intelligent and Soft Computing, 2012, , 189-200.	0.2	2
53	The Impact of the Degree of Self-Similarity on the NLREDwM Mechanism with Drop from Front Strategy. Communications in Computer and Information Science, 2016, , 192-203.	0.5	2
54	Adaptive Hurst-Sensitive Active Queue Management. Entropy, 2022, 24, 418.	2.2	2

#	ARTICLE	IF	CITATIONS
55	Modeling of Internet 3D Traffic Using Hidden Markov Models. Advances in Intelligent and Soft Computing, 2009, , 37-44.	0.2	0
56	Maildiskfs - The Linux File System Based on the E-mails. Advances in Intelligent and Soft Computing, 2012, , 201-208.	0.2	0
57	JavaScript Frameworks and Ajax Applications. Communications in Computer and Information Science, 2014, , 57-68.	0.5	0
58	Hidden Markov Models in Long Range Dependence Traffic Modelling. Communications in Computer and Information Science, 2017, , 75-86.	0.5	0