

Joanna DomaÅ,,ska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adaptive Hurst-Sensitive Active Queue Management. Entropy, 2022, 24, 418.	2.2	2
2	Combined diffusion approximation simulation model of AQM's transient behavior. Computer Communications, 2021, 166, 40-48.	5.1	6
3	Random Neural Network for Lightweight Attack Detection in the IoT. Lecture Notes in Computer Science, 2021, , 79-91.	1.3	5
4	The Random Neural Network as a Bonding Model for Software Vulnerability Prediction. Lecture Notes in Computer Science, 2021, , 102-116.	1.3	4
5	Efficient Feature Selection for Static Analysis Vulnerability Prediction. Sensors, 2021, 21, 1133.	3.8	15
6	Diffusion Model of a Non-Integer Order PI ³ Controller with TCP/UDP Streams. Entropy, 2021, 23, 619.	2.2	3
7	LiDAR Point Cloud Generation for SLAM Algorithm Evaluation. Sensors, 2021, 21, 3313.	3.8	14
8	Supervised Learning of Neural Networks for Active Queue Management in the Internet. Sensors, 2021, 21, 4979.	3.8	5
9	Diffusion Approximation Model of TCP NewReno Congestion Control Mechanism. SN Computer Science, 2020, 1, 1.	3.6	3
10	Long-Range Dependent Traffic Classification with Convolutional Neural Networks Based on Hurst Exponent Analysis. Entropy, 2020, 22, 1159.	2.2	3
11	Self-Similar Markovian Sources. Applied Sciences (Switzerland), 2020, 10, 3727.	2.5	5
12	Self-Aware Networks That Optimize Security, QoS, and Energy. Proceedings of the IEEE, 2020, 108, 1150-1167.	21.3	37
13	AQM Mechanism with Neuron Tuning Parameters. Lecture Notes in Computer Science, 2020, , 299-311.	1.3	3
14	Optimum Checkpoints for Time and Energy. , 2020, , .		4
15	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
16	Cognitive Packet Networks for the Secure Internet of Things. , 2019, , .		7
17	Cognitive Routing for Improvement of IoT Security. , 2019, , .		3
18	AQM Mechanism with the Dropping Packet Function Based on the Answer of Several PI^{α} Controllers. Communications in Computer and Information Science, 2019, , 400-412.	0.5	6

#	ARTICLE	IF	CITATIONS
19	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
20	Security for Internet of Things: The SerIoT Project. , 2018, , .		18
21	European Cybersecurity Research and the SerIoT Project. Communications in Computer and Information Science, 2018, , 166-173.	0.5	5
22	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
23	GPU Accelerated Non-integer Order $\pi^{\alpha} D^{\eta} \pm D^2$ Controller Used as AQM Mechanism. Communications in Computer and Information Science, 2018, , 286-299.	0.5	6
24	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
25	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
26	Implementation of modified AQM mechanisms in IP routers. Journal of Communications Software and Systems, 2017, 4, 22.	0.8	10
27	Hidden Markov Models in Long Range Dependence Traffic Modelling. Communications in Computer and Information Science, 2017, , 75-86.	0.5	0
28	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
29	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
30	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
31	A Study of IP Router Queues with the Use of Markov Models. Communications in Computer and Information Science, 2016, , 294-305.	0.5	8
32	Delays in IP Routers, a Markov Model. Communications in Computer and Information Science, 2016, , 185-192.	0.5	3
33	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
34	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
35	On Stochastic Models of Internet Traffic. Communications in Computer and Information Science, 2015, , 289-303.	0.5	5
36	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

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37	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
38	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
39	Modeling Packet Traffic with the Use of Superpositions of Two-State MMPPs. Communications in Computer and Information Science, 2014, , 24-36.	0.5	10
40	A Few Investigations of Long-Range Dependence in Network Traffic. , 2014, , 137-144.		12
41	JavaScript Frameworks and Ajax Applications. Communications in Computer and Information Science, 2014, , 57-68.	0.5	0
42	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
43	Fluid Flow Analysis of RED Algorithm with Modified Weighted Moving Average. Communications in Computer and Information Science, 2013, , 50-58.	0.5	11
44	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
45	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
46	Universal Web Pages Content Parser. Communications in Computer and Information Science, 2012, , 130-138.	0.5	4
47	Comparison of AQM Control Systems with the Use of Fluid Flow Approximation. Communications in Computer and Information Science, 2012, , 82-90.	0.5	11
48	Local and Remote File Inclusion. Advances in Intelligent and Soft Computing, 2012, , 189-200.	0.2	2
49	Maildiskfs - The Linux File System Based on the E-mails. Advances in Intelligent and Soft Computing, 2012, , 201-208.	0.2	0
50	Internet Traffic Source Based on Hidden Markov Model. Lecture Notes in Computer Science, 2011, , 395-404.	1.3	12
51	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
52	A Choice of Optimal Packet Dropping Function for Active Queue Management. Communications in Computer and Information Science, 2010, , 199-206.	0.5	21
53	A Contribution to the Fair Scheduling for the TCP and UDP Streams. Communications in Computer and Information Science, 2010, , 207-216.	0.5	2
54	Performance Modeling of Selected AQM Mechanisms in TCP/IP Network. Advances in Intelligent and Soft Computing, 2009, , 11-20.	0.2	5

#	ARTICLE	IF	CITATIONS
55	Adaptive RED in AQM. Communications in Computer and Information Science, 2009, , 174-183.	0.5	3
56	Modeling of Internet 3D Traffic Using Hidden Markov Models. Advances in Intelligent and Soft Computing, 2009, , 37-44.	0.2	0
57	The Impact of Self-similarity on Traffic Shaping in Wireless LAN. Lecture Notes in Computer Science, 2008, , 156-168.	1.3	14
58	The Drop-From-Front Strategy in AQM. Lecture Notes in Computer Science, 2007, , 61-72.	1.3	19