Jakub SzyguÅ‚a

List of Publications by Year
in descending order

13 papers	70 citations	1478280 6 h-index	1588896 8 g-index
13 all docs	13 docs citations	13 times ranked	32 citing authors

#	Article	IF	Citations
1	Global Water Crisis: Concept of a New Interactive Shower Panel Based on IoT and Cloud Computing for Rational Water Consumption. Applied Sciences (Switzerland), 2021, 11, 4081.	1.3	10
2	The Influence of the Traffic Self-similarity on the Choice of the Non-integer Order PI$$^alpha $$ Controller Parameters. Communications in Computer and Information Science, 2018, , 76-83.	0.4	10
3	The AQM Dropping Packet Probability Function Based on Non-integer Order $$PI^{alpha }D^eta $$ P I Î± D Î² Controller. Lecture Notes in Electrical Engineering, 2019, , 36-48.	0.3	8
4	GPU Accelerated Non-integer Order $$PI^{alpha }D^eta $$PIÎ±DÎ² Controller Used as AQM Mechanism. Communications in Computer and Information Science, 2018, , 286-299.	0.4	6
5	Combined diffusion approximationâ€“simulation model of AQMâ€™s transient behavior. Computer Communications, 2021, 166, 40-48.	3.1	6
6	AQM Mechanism with the Dropping Packet Function Based on the Answer of Several $$PI^{alpha }$$ Controllers. Communications in Computer and Information Science, 2019, , 400-412.	0.4	6
7	Self-Similar Markovian Sources. Applied Sciences (Switzerland), 2020, 10, 3727.	1.3	5
8	Supervised Learning of Neural Networks for Active Queue Management in the Internet. Sensors, 2021, 21, 4979.	2.1	5
9	Diffusion Approximation Model of TCP NewReno Congestion Control Mechanism. SN Computer Science, 2020, 1, 1.	2.3	3
10	Long-Range Dependent Traffic Classification with Convolutional Neural Networks Based on Hurst Exponent Analysis. Entropy, 2020, 22, 1159.	1.1	3
11	Diffusion Model of a Non-Integer Order PIÎ³ Controller with TCP/UDP Streams. Entropy, 2021, 23, 619.	1.1	3
12	AQM Mechanism with Neuron Tuning Parameters. Lecture Notes in Computer Science, 2020, , 299-311.	1.0	3
13	Adaptive Hurst-Sensitive Active Queue Management. Entropy, 2022, 24, 418.	1.1	2