

Vaclav Oujezsky

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

160
citations

1478505

6
h-index

1372567

10
g-index

36
all docs

36
docs citations

36
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Genetic Algorithmsâ€™ Implementation Using a Scalable Concurrent Operation in Python. Sensors, 2022, 22, 2389.	3.8	7
2	FPGA xPON Traffic Analysis. , 2021, , .		3
3	MongoDB Database as Storage for GPON Frames. Sensors, 2020, 20, 6208.	3.8	3
4	GPON PLOAMd Message Analysis Using Supervised Neural Networks. Applied Sciences (Switzerland), 2020, 10, 8139.	2.5	4
5	Passive Optical Networks Progress: A Tutorial. Electronics (Switzerland), 2020, 9, 1081.	3.1	34
6	Storage for Traffic from xPON Networks. , 2020, , .		1
7	Testing of Python Models of Parallelized Genetic Algorithms. , 2020, , .		4
8	GPON Traffic Analysis with TensorFlow. , 2020, , .		1
9	Hardware Utilization of Models of Genetic Algorithms. , 2020, , .		1
10	Fpga Network Card And System For Gpon Frames Analysis At Optical Layer. , 2019, , .		2
11	GPON Analyzer - Frame Parser Module. , 2019, , .		3
12	GPON Parser for Database Analysis. , 2019, , .		1
13	Security Testing Of Active Optical Network Devices. , 2019, , .		1
14	Efficiency Tests of DBA Algorithms in XG-PON. Electronics (Switzerland), 2019, 8, 762.	3.1	7
15	Application for GPON Frame Analysis. Electronics (Switzerland), 2019, 8, 700.	3.1	6
16	Application for Determining whether IP Addresses belong to a Map by Coordinates. , 2019, , .		1
17	Key Exchange with PUF in NG-PON2 Networks. , 2019, , .		1
18	Parallel Processing of Genetic Algorithms in Python Language. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Model of Fiber Optic Transmission System Based on the Red Pitaya. , 2019, , .		1
20	Time and Memory Complexity of Next-Generation Passive Optical Networks in NS-3. , 2019, , .		1
21	Comparison of Models of Parallelized Genetic Algorithms. , 2019, , .		3
22	GPON Frame Analysis with Artificial Immune System. , 2019, , .		1
23	GPON Frame Data Processing. , 2019, , .		1
24	GPON Network with Simulated Rogue ONU. , 2019, , .		4
25	New Security Improvements in Next-Generation Passive Optical Networks Stage 2. Applied Sciences (Switzerland), 2019, 9, 4430.	2.5	3
26	Simultaneous transmission of accurate time, stable frequency, data, and sensor system over one fiber with ITU 100â€GHz grid. Optical Fiber Technology, 2018, 40, 139-143.	2.7	17
27	Activation Process of ONU in EPON/GPON/XG-PON/NG-PON2 Networks. Applied Sciences (Switzerland), 2018, 8, 1934.	2.5	15
28	Internet of Things Security Overview and Practical Demonstration. , 2018, , .		3
29	Traffic Similarity Observation Using a Genetic Algorithm and Clustering. Technologies, 2018, 6, 103.	5.1	5
30	Activation Process of ONU in EPON/GPON Networks. , 2018, , .		2
31	Simulations of Grant Allocation in NG-PON2 Networks Using OPNET Modeler. Journal of Communications Software and Systems, 2018, 14, .	0.8	4
32	Implementation of NG-PON2 transmission convergence layer into OPNET modeler. , 2017, , .		6
33	Modified GIANT Dynamic Bandwidth Allocation Algorithm of NG-PON. Journal of Communications Software and Systems, 2017, 13, 15.	0.8	2
34	Case study and comparison of SimPy 3 and OMNeT++ Simulation. , 2016, , .		4
35	Modeling botnet C&C traffic lifespans from NetFlow using survival analysis. , 2016, , .		3
36	Modem network vulnerabilities and security testing — Actual threats. , 2015, , .		1