Domenico Siracusa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5096098/publications.pdf

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21	681	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-Network Volumetric DDoS Victim Identification Using Programmable Commodity Switches. IEEE Transactions on Network and Service Management, 2021, 18, 1191-1202.	4.9	29
2	A Practical and Adaptive Approach to Predicting Indoor CO2. Applied Sciences (Switzerland), 2021, 11, 10771.	2.5	7
3	Dynamic and Application-Aware Provisioning of Chained Virtual Security Network Functions. IEEE Transactions on Network and Service Management, 2020, 17, 294-307.	4.9	26
4	Throughput-Aware Partitioning and Placement of Applications in Fog Computing. IEEE Transactions on Network and Service Management, 2020, 17, 2436-2450.	4.9	27
5	Lucid: A Practical, Lightweight Deep Learning Solution for DDoS Attack Detection. IEEE Transactions on Network and Service Management, 2020, 17, 876-889.	4.9	170
6	Introducing SmartNICs in Server-Based Data Plane Processing: The DDoS Mitigation Use Case. IEEE Access, 2019, 7, 107161-107170.	4.2	30
7	Path-Based Fragmentation Metric and RSA Algorithms for Elastic Optical Networks. Journal of Optical Communications and Networking, 2019, 11, 15.	4.8	29
8	Application-aware service provisioning and restoration in SDN-based multi-layer transport networks. Optical Switching and Networking, 2018, 30, 71-84.	2.0	9
9	Automatic Intent-Based Secure Service Creation Through a Multilayer SDN Network Orchestration. Journal of Optical Communications and Networking, 2018, 10, 289.	4.8	48
10	YAMATO: The First SDN Control Plane for Independent, Joint, and Fractional-Joint Switched SDM Optical Networks. Journal of Lightwave Technology, 2017, 35, 1335-1341.	4.6	9
11	On the Benefits of Multilayer Optimization and Application Awareness. Journal of Lightwave Technology, 2017, 35, 1274-1279.	4.6	15
12	Improving Performance of Spatially Joint-Switched Space Division Multiplexing Optical Networks via Spatial Group Sharing. Journal of Optical Communications and Networking, 2017, 9, B1.	4.8	21
13	Comparison of Spectral and Spatial Super-Channel Allocation Schemes for SDM Networks. Journal of Lightwave Technology, 2016, 34, 2710-2716.	4.6	124
14	Experimental assessment of a cognitive mechanism to reduce the impact of outdated TEDs in optical networks. Photonic Network Communications, 2016, 31, 259-271.	2.7	1
15	Cognitive Optical Network Testbed: EU Project CHRON [Invited]. Journal of Optical Communications and Networking, 2015, 7, A344.	4.8	20
16	Virtual Topology Reconfiguration in Optical Networks by Means of Cognition: Evaluation and Experimental Validation [Invited]. Journal of Optical Communications and Networking, 2015, 7, A162.	4.8	31
17	Techniques and Benefits of Energy-Aware Load-Distribution in Multi-domain Translucent Wavelength Switched Optical Networks. Journal of Network and Systems Management, 2014, 22, 462-487.	4.9	1
18	Cognitive, Heterogeneous and Reconfigurable Optical Networks: The CHRON Project. Journal of Lightwave Technology, 2014, 32, 2308-2323.	4.6	19

#	Article	IF	Citations
19	Cognitive Dynamic Optical Networks [Invited]. Journal of Optical Communications and Networking, 2013, 5, A107.	4.8	45
20	Distributed optical control plane for dynamic lightpath establishment in translucent optical networks based on reachability graph. Optical Switching and Networking, 2013, 10, 3-15.	2.0	4
21	Domain Sequence Protocol (DSP) for PCE-Based Multi-Domain Traffic Engineering. Journal of Optical Communications and Networking, 2012, 4, 876.	4.8	16