

Naoaki Yamanaka

List of Publications by Year in descending order

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papers

234
citations

1163117

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33
all docs

33
docs citations

33
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Route Partitioning Scheme for Elastic Optical Networks With Hitless Defragmentation. Journal of Optical Communications and Networking, 2016, 8, 356.	4.8	58
2	Fine structures in the broadened line of distributed feedback lasers under high-speed direct modulation. Applied Physics Letters, 1984, 45, 820-822.	3.3	22
3	Self-learning route selection scheme using multipath searching packets in an OBS network. Journal of Optical Networking, 2005, 4, 432.	2.5	15
4	Photonic Network Vision 2020—Toward Smart Photonic Cloud. Journal of Lightwave Technology, 2014, 32, 2760-2770.	4.6	14
5	Advanced Wavelength Reservation Method Based on Deadline-Aware Scheduling for Lambda Grid Networks. Journal of Lightwave Technology, 2007, 25, 2904-2910.	4.6	11
6	Experimental Demonstration of Disaggregated Emergency Optical System for Quick Disaster Recovery. Journal of Lightwave Technology, 2018, 36, 3083-3096.	4.6	11
7	HOLST: Architecture design of energy-efficient data center network based on ultra High-speed Optical Switch. , 2017, , .		10
8	Logical Optical Line Terminal Placement Optimization in the Elastic Lambda Aggregation Network With Optical Distribution Network Constraints. Journal of Optical Communications and Networking, 2015, 7, 928.	4.8	9
9	Novel Automatic Service Restoration Technique by Using Self-Reconfiguration of Network Resources for a Disaster-struck Metro-Access Network. Journal of Lightwave Technology, 2018, 36, 1516-1523.	4.6	9
10	Application-Triggered Automatic Distributed Cloud/Network Resource Coordination by Optically Networked Inter/Intra Data Center [Invited]. Journal of Optical Communications and Networking, 2018, 10, B15.	4.8	9
11	Peak Load Shifting and Electricity Charges Reduction Realized by Electric Vehicle Storage Virtualization. AASRI Procedia, 2014, 7, 101-106.	0.6	7
12	Impact of Multimedia Traffic Characteristics on ATM Network Configuration. Journal of Network and Systems Management, 1998, 6, 377-398.	4.9	6
13	10ns High-speed PLZT optical content distribution system having slot-switch and GMPLS controller. IEICE Electronics Express, 2008, 5, 181-186.	0.8	6
14	Energy efficient network design tool for green IP/Ethernet networks. Optical Switching and Networking, 2012, 9, 264-270.	2.0	6
15	MPCP based active optical access network with PLZT high-speed optical switch. Optical Switching and Networking, 2012, 9, 118-129.	2.0	6
16	Wavelength assignment scheme for WDM networks with limited-range wavelength converters. Journal of Optical Networking, 2006, 5, 410.	2.5	5
17	GMPLS-based optical slot switching access-distribution network with a 10 ns high-speed PLZT optical switch. Journal of Optical Networking, 2008, 7, 744.	2.5	4
18	Modeling the Effect of Wavelength Selective Switch Latency on Optical Flow Switching Performance. Journal of Optical Communications and Networking, 2018, 10, 924.	4.8	4

#	ARTICLE	IF	CITATIONS
19	Application-Centric, Energy-Efficient Network Architecture ACTION, Based on Virtual Optical Slice Core and Deterministic Optical Access Network. Journal of the Optical Society of Korea, 2015, 19, 340-345.	0.6	4
20	Usage parameter control and bandwidth allocation methods for ATM-based B-ISDN. Computer Communication Review, 1992, 22, 61-62.	1.8	3
21	Span power management scheme for rapid lightpath provisioning in multi-core fibre networks. Electronics Letters, 2015, 51, 76-78.	1.0	3
22	A Span Power Management Scheme for Rapid Lightpath Provisioning and Releasing in Multi-Core Fiber Networks. IEEE/ACM Transactions on Networking, 2019, 27, 734-747.	3.8	3
23	Hierarchical round-robin mapper emulator for evaluating massively parallel Ethernet physical layer developing. IEICE Communications Express, 2021, 10, 248-253.	0.4	2
24	Flow/Application Triggered SDN control in Hybrid Data-center Network "HOLST", 2018, , .		2
25	A 2.2 gbit/s si bipolar 8 × 8 crosspoint switching LSI. Electronics and Communications in Japan, 1991, 74, 100-110.	0.2	1
26	QoS differentiation scheme with multiple burst transmission and virtual resource reservation for optical burst switching networks. Journal of Optical Networking, 2007, 6, 1003.	2.5	1
27	Optical burst switched ring network with upstream prioritized switching and distributed fairness control. Electronics and Communications in Japan, 2007, 90, 30-39.	0.1	1
28	Designing a Hadoop system based on computational resources and network delay for wide area networks. Telecommunication Systems, 2019, 70, 13-25.	2.5	1
29	Experimental evaluation of fault recovery methods in Elastic Lambda Aggregation Network. IEICE Communications Express, 2017, 6, 507-512.	0.4	1
30	Delay-sensitive slot allocation method minimizing switching idle time in PLZT optical switch for active optical access network. IEICE Communications Express, 2015, 4, 217-222.	0.4	0
31	Energy Management Method for Realizing Future Smart Network. Journal of the Institute of Electrical Engineers of Japan, 2014, 134, 696-699.	0.0	0
32	Online parameter tuning of the flow classification method in the energy-efficient data center network "HOLST". Journal of Optical Communications and Networking, 2020, 12, 344.	4.8	0
33	Lane alignment characteristics in massively parallel Ethernet-based transmission systems. IEICE Communications Express, 2022, 11, 80-85.	0.4	0