Naoaki Yamanaka

List of Publications by Year
in descending order

33 papers	234 citations	1163117 8 h-index	1058476 14 g-index
33 all docs	33 docs citations	33 times ranked	205 citing authors

#	Article	IF	Citations
1	Lane alignment characteristics in massively parallel Ethernet-based transmission systems. IEICE Communications Express, 2022, 11, 80-85.	0.4	0
2	Hierarchical round-robin mapper emulator for evaluating massively parallel Ethernet physical layer developing. IEICE Communications Express, 2021, 10, 248-253.	0.4	2
3	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
4	Designing a Hadoop system based on computational resources and network delay for wide area networks. Telecommunication Systems, 2019, 70, 13-25.	2.5	1
5	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
6	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
7	Experimental Demonstration of Disaggregated Emergency Optical System for Quick Disaster Recovery. Journal of Lightwave Technology, 2018, 36, 3083-3096.	4.6	11
8	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
9	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
10	Flow/Application Triggered SDN control in Hybrid Data-center Network "HOLST", 2018, , .		2
11	HOLST: Architecture design of energy-efficient data center network based on ultra High-speed Optical Switch. , 2017, , .		10
12	Experimental evaluation of fault recovery methods in Elastic Lambda Aggregation Network. IEICE Communications Express, 2017, 6, 507-512.	0.4	1
13	Route Partitioning Scheme for Elastic Optical Networks With Hitless Defragmentation. Journal of Optical Communications and Networking, 2016, 8, 356.	4.8	58
14	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
15	Span power management scheme for rapid lightpath provisioning in multi-core fibre networks. Electronics Letters, 2015, 51, 76-78.	1.0	3
16	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
17	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
18	Peak Load Shifting and Electricity Charges Reduction Realized by Electric Vehicle Storage Virtualization. AASRI Procedia, 2014, 7, 101-106.	0.6	7

#	Article	IF	Citations
19	Photonic Network Vision 2020â€"Toward Smart Photonic Cloud. Journal of Lightwave Technology, 2014, 32, 2760-2770.	4.6	14
20	Energy Management Method for Realizing Future Smart Network. Journal of the Institute of Electrical Engineers of Japan, 2014, 134, 696-699.	0.0	0
21	Energy efficient network design tool for green IP/Ethernet networks. Optical Switching and Networking, 2012, 9, 264-270.	2.0	6
22	MPCP based active optical access network with PLZT high-speed optical switch. Optical Switching and Networking, 2012, 9, 118-129.	2.0	6
23	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
24	10ns High-speed PLZT optical content distribution system having slot-switch and GMPLS controller. IEICE Electronics Express, 2008, 5, 181-186.	0.8	6
25	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
26	Advanced Wavelength Reservation Method Based on Deadline-Aware Scheduling for Lambda Grid Networks. Journal of Lightwave Technology, 2007, 25, 2904-2910.	4.6	11
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	Wavelength assignment scheme for WDM networks with limited-range wavelength converters. Journal of Optical Networking, 2006, 5, 410.	2.5	5
29	Self-learning route selection scheme using multipath searching packets in an OBS network. Journal of Optical Networking, 2005, 4, 432.	2.5	15
30	Impact of Multimedia Traffic Characteristics on ATM Network Configuration. Journal of Network and Systems Management, 1998, 6, 377-398.	4.9	6
31	Usage parameter control and bandwidth allocation methods for ATM-based B-ISDN. Computer Communication Review, 1992, 22, 61-62.	1.8	3
32	A 2.2 gbit/s si bipolar 8 Ã— 8 crosspoint switching LSI. Electronics and Communications in Japan, 1991, 74, 100-110.	0.2	1
33	Fine structures in the broadened line of distributed feedback lasers under highâ€speed direct modulation. Applied Physics Letters, 1984, 45, 820-822.	3.3	22