Daisuke Hisano

List of Publications by Year
in descending order

16 papers	176 citations	1307594 7 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	93 citing authors

#	Article	IF	Citations
1	Real-Time and Energy-Efficient Inference at GPU-Based Network Edge using PON. , 2021, , .		2
2	Adaptive C-RAN Architecture with Moving Nodes Toward Beyond the 5G Era. IEEE Network, 2020, 34, 249-255.	6.9	13
3	Novel C-RAN Architecture with PON based Midhaul and Wireless Relay Fronthaul. , 2020, , .		1
4	Two-stage optimization of uplink forwarding order with cooperative DBA to accommodate a TDM-PON-based fronthaul link. Journal of Optical Communications and Networking, 2020, 12, 109.	4.8	12
5	Wavelength and Bandwidth Allocation for Mobile Fronthaul in TWDM-PON. IEEE Transactions on Communications, 2019, 67, 7642-7655.	7.8	31
6	Dynamic Bandwidth Allocation and Forwarding Order Control Techniques in TDM-PON for Accommodating Fronthaul Traffic. , 2019, , .		0
7	TDD-Based Rapid Fault Detection and Recovery for Fronthaul Bridged Network. IEEE Communications Letters, 2018, 22, 498-501.	4.1	4
8	Low-Latency Routing Scheme for a Fronthaul Bridged Network. Journal of Optical Communications and Networking, 2018, 10, 14.	4.8	23
9	Rank-Based Low-Latency Scheduling for Maximum Fronthaul Accommodation in Bridged Network. IEEE Access, 2018, 6, 78829-78838.	4.2	6
10	Predictive Bandwidth Allocation Scheme With Traffic Pattern and Fluctuation Tracking for TDM-PON-Based Mobile Fronthaul. IEEE Journal on Selected Areas in Communications, 2018, 36, 2508-2517.	14.0	12
11	Clarification of accommodatable number of functional split base stations in TDM-PON fronthaul. IEICE Communications Express, 2018, 7, 160-166.	0.4	4
12	TDM-PON for Accommodating TDD-Based Fronthaul and Secondary Services. Journal of Lightwave Technology, 2017, 35, 2788-2796.	4.6	9
13	Effective Utilization of Unallocated Intervals in TDD-Based Fronthaul Employing TDM-PON. Journal of Optical Communications and Networking, 2017, 9, D1.	4.8	7
14	Efficient DWBA Algorithm for TWDM-PON with Mobile Fronthaul in 5G Networks. , 2017, , .		17
15	First demonstration of optical-mobile cooperation interface for mobile fronthaul with TDM-PON. IEICE Communications Express, 2017, 6, 375-380.	0.4	14
16	Bandwidth Allocation scheme based on Simple Statistical Traffic Analysis for TDM-PON based Mobile Fronthaul. , 2016, , .		21