

Ahmed H Helmy

List of Publications by Year in descending order

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15
papers

133
citations

1684188

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1872680

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15
docs citations

15
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleaved Polling Versus Multi-Thread Polling for Bandwidth Allocation in Long-Reach PONs. Journal of Optical Communications and Networking, 2012, 4, 210.	4.8	54
2	Taking Turns With Adaptive Cycle Time a Decentralized Media Access Scheme for LR-PON. Journal of Lightwave Technology, 2011, 29, 3340-3349.	4.6	17
3	Toward Parallel Edge Computing in Long-Reach PONs. Journal of Optical Communications and Networking, 2018, 10, 736.	4.8	13
4	Energy-Efficient Decentralized Framework for the Integration of Fog With Optical Access Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 927-938.	5.5	11
5	Integrating Fog With Long-Reach PONs From a Dynamic Bandwidth Allocation Perspective. Journal of Lightwave Technology, 2018, 36, 5276-5284.	4.6	9
6	Towards More Dynamic Energy-Efficient Bandwidth Allocation in EPONs. , 2018, , .		6
7	Taking Turns with adaptive cycle time - an upstream media access scheme for extended-reach FTtx. , 2011, , .		5
8	Effect of varying segment size on DASH streaming quality for mobile user. , 2014, , .		4
9	Modeling Handover Signaling Messages in OpenFlow-Based Mobile Software-Defined Networks. Journal of Computer Networks and Communications, 2018, 2018, 1-14.	1.6	4
10	Decentralized media access vs. credit-based centralized bandwidth allocation for LR-PONs. , 2011, , .		3
11	On the feasibility of service composition in a long-reach PON backhaul. , 2018, , .		3
12	Analyzing the performance of centralized polling for long-reach passive optical networks. , 2012, , .		2
13	Fog Integration with Optical Access Networks from an Energy Efficiency Perspective. , 2020, , .		2
14	Towards Green Fog-LR-PON Integration for Wireless Backhails. , 2018, , .		0
15	Decentralized Bandwidth Allocation Framework for Energy-Efficiency and Fog Integration in PONs. , 2020, , .		0