

Akhtar Nawaz Khan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

168
citations

1478505

6
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient algorithm to provide triple play services in passive optical network (PON)-OCDMA network. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	75
2	Online service provisioning in elastic optical networks with hybrid algorithm for congestion aware routing and spectrum allocation. <i>Optical Fiber Technology</i> , 2019, 47, 27-32.	2.7	15
3	An Anisotropic Traffic Model Based on Driver Interaction. <i>IEEE Access</i> , 2020, 8, 66799-66812.	4.2	15
4	Online routing, distance-adaptive modulation, and spectrum allocation for dynamic traffic in elastic optical networks. <i>Optical Fiber Technology</i> , 2019, 53, 102026.	2.7	14
5	Design based routing and wavelength assignment in WDM networks using link-based multiplexing gain. <i>Optical Switching and Networking</i> , 2015, 15, 111-120.	2.0	10
6	An improved approximate network blocking probability model for all-optical WDM Networks with heterogeneous link capacities. <i>Optical Fiber Technology</i> , 2017, 38, 7-16.	2.7	9
7	Link Congestion Aware Proactive Routing for Dynamic Traffic in Elastic Optical Networks. <i>IEEE Photonics Journal</i> , 2021, 13, 1-15.	2.0	8
8	Design Based Routing with Waveband and Wavelength Assignment in Wavelength Division Multiplexing Networks using Multi-Granular Optical Cross-Connects. <i>Journal of Communications</i> , 2012, 7, .	1.6	5
9	Hybrid Optimized Approaches for Routing and Resource Reservation Protocols in Optical Networks. <i>IEEE Photonics Journal</i> , 2021, 13, 1-13.	2.0	4
10	Modified Optical Burst Switching (OBS) Based Edge Node Architecture Using Real-Time Scheduling Techniques. <i>IEEE Access</i> , 2021, 9, 167305-167321.	4.2	4
11	Routing and dimensioning in optical WDM networks for dynamic traffic using post-optimization approach. <i>Optical Fiber Technology</i> , 2018, 40, 76-81.	2.7	3
12	Computing approximate blocking probabilities for transparent waveband switching based WDM networks using hierarchical cross-connects. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 84, 265-272.	2.9	2
13	Adaptive Transceiver Architecture With QoS Provision for OCDMA Network Based on Logic Gates. <i>IEEE Access</i> , 2021, 9, 151089-151109.	4.2	2
14	An advanced iterative model for computing approximated blocking probabilities and measuring the quality of service in optical communication networks. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 1576-1581.	1.4	1
15	Joint routing, link capacity dimensioning, and switch port optimization for dynamic traffic in optical networks. <i>ETRI Journal</i> , 2021, 43, 799.	2.0	1