Monish Chatterjee

List of Publications by Year
in descending order

30 papers	139 citations	1684188 5 h-index	1372567 10 g-index
30 all docs	30 docs citations	30 times ranked	67 citing authors

#	Article	IF	Citations
1	E-S-RSM-RSA: A Novel Energy and Spectrum Efficient Regenerator Aware Multipath Based Survivable RSA in Offline EON. IEEE Transactions on Green Communications and Networking, 2021, 5, 1451-1466.	5.5	20
2	On survivable energy-efficient and crosstalk-aware routing, spectrum and core allocation schemes for dynamic multiclass traffic in SDM-EONs. Optical Switching and Networking, 2021, 42, 100630.	2.0	1
3	Network Dimensioning and Survivability of Orthogonal Frequency Division Multiplexed Transparent Optical Grids: An Online Relocation Based Solution. IEEE Access, 2021, 9, 120481-120491.	4.2	6
4	A crosstalk-aware and energy-saving survivable RSCA for online prioritized traffic in SDM-EONs. , 2021, , .		0
5	On spectrum and energy efficient survivable multipath routing in off-line Elastic Optical Network. Computer Communications, 2020, 160, 375-387.	5.1	15
6	Controlling Traffic Hops - A New Approach for Traffic Grooming in WDM Optical Networks. , 2020, , .		1
7	A novel fragmentation-aware and energy-efficient multipath routing and spectrum allocation for prioritized traffic in protected EONs. , 2020, , .		6
8	On Energy Efficient Survivable Multipath Based Approaches in Space Division Multiplexing Elastic Optical Network: Crosstalk-Aware and Fragmentation-Aware. IEEE Access, 2020, 8, 47344-47356.	4.2	29
9	Minimizing Cost of Regeneration at Regeneration Sites–A New Approach for Dynamic Lightpath Establishment in Translucent Optical Networks. IEEE Access, 2020, 8, 4198-4210.	4.2	0
10	Efficient Integration of Logical Topology Design and Survivable Traffic Grooming for Throughput Enhancement in WDM Optical Networks. IEEE Access, 2020, 8, 58155-58170.	4.2	1
11	An offline cost-efficient strategy for multicast traffic protection in WDM optical mesh networks to aid rapid recovery. Optical Switching and Networking, 2019, 34, 47-57.	2.0	3
12	An efficient heuristic to minimize number of regenerations in translucent optical network under dynamic scenario. , 2019, , .		1
13	An offline scheme for reducing cost of protection in all-optical WDM mesh networks with fast recovery. International Journal of Parallel, Emergent and Distributed Systems, 2019, 34, 572-593.	1.0	1
14	An online cost-efficient protection scheme for quick recovery in all-optical WDM mesh networks. Photonic Network Communications, 2018, 35, 20-34.	2.7	2
15	GSWA: A Survivable Dynamic Multicast Efficient RWA Scheme in WDM Mesh Networks. , 2018, , .		1
16	A Multipath-Based Survivability Scheme in Energy-Efficient EON. IEEE Communications Letters, 2018, 22, 2024-2027.	4.1	22
17	On Improving Static Routing and Wavelength Assignment in WDM All-Optical Mesh Networks. Smart Innovation, Systems and Technologies, 2016, , 337-346.	0.6	0
18	CAC DPLB MCN: A Distributed Load Balancing Scheme in Multimedia Mobile Cellular Networks. Foundations of Computing and Decision Sciences, 2016, 41, 261-296.	1.2	0

#	Article	IF	Citations
19	CLR: A novel approach for sparse placement of regenerators and routing in translucent optical networks. , 2015, , .		1
20	An efficient traffic grooming policy for heterogeneous WDM mesh networks. , 2014, , .		4
21	Improved algorithms for dynamic routing and wavelength assignment in WDM all-optical mesh networks. , 2014, , .		2
22	Dynamic survivable traffic grooming with effective load balancing in WDM all-optical mesh networks. , 2014, , .		2
23	A survey on regenerator Placement Problem in translucent optical network. , 2014, , .		5
24	Heuristic routing for reducing congestion in presence of link fault in de Bruijn WDM networks. , 2011, , .		1
25	New strategies for static routing and wavelength assignment in de Bruijn WDM networks. , 2011, , .		4
26	Heuristic for Routing and Wavelength Assignment in de Bruijn WDM networks based on Graph Decomposition. , 2011, , .		4
27	A wavelength assignment algorithm for de Bruijn WDM networks. International Journal of Parallel, Emergent and Distributed Systems, 2011, 26, 477-491.	1.0	3
28	Heuristic for reducing congestion during logical topology design in de Bruijn WDM networks using survivable routing. , 2010, , .		0
29	Congestion optimized routing in unidirectional de Bruijn WDM networks in presence of node faults. , 2009, , .		3
30	Channel Assignment in a High-Bandwidth de Bruijn Optical WDM Network. , 2008, , .		1