Huanlin Liu

List of Publications by Year
in descending order

40	243	933447	1058476
papers	citations	10	14
		h-index	g-index

40	40	40	207
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual optical network embedding of time-varying traffic in elastic optical networks. Optics Communications, 2022, 508, 127693.	2.1	4
2	Multi-Source Impact Position Identification Method for Metal Plates Based on Fiber Bragg Grating. IEEE Sensors Journal, 2022, 22, 851-857.	4.7	0
3	Spectrum slicing-based fragmentation aware routing and spectrum allocation in elastic optical networks. Optical Switching and Networking, 2022, 45, 100673.	2.0	10
4	A survivable VON embedding algorithm based on resource awareness of correlation lightpaths in elastic optical networks. Optics Communications, 2021, 495, 127036.	2.1	1
5	LED based high accuracy indoor visible light positioning algorithm. Optik, 2021, 243, 166853.	2.9	15
6	Rolling Bearing Performance Degradation Prediction Based on FBG Signal. IEEE Sensors Journal, 2021, 21, 24134-24141.	4.7	10
7	Event Recognition System Based on Fiber Bragg Grating and mRMR-CWCs-SCN. IEEE Sensors Journal, 2021, 21, 26132-26139.	4.7	2
8	A survivable VON embedding algorithm based on resource mean and spectrum coherence-aware in elastic optical networks. Optical Fiber Technology, 2020, 54, 102103.	2.7	2
9	User-Centric Access Scheme Based on Interference Management for Indoor VLC-WIFI Heterogeneous Networks. IEEE Photonics Journal, 2020, 12, 1-12.	2.0	7
10	Power Allocation for Downlink Hybrid Power Line and Visible Light Communication System. IEEE Access, 2020, 8, 24145-24152.	4.2	20
11	Elite User Clustering-Based Indoor Heterogeneous VLC Interference Management and Sub-Channel Allocation Strategy. IEEE Access, 2020, 8, 43582-43591.	4.2	8
12	Routing Core and Spectrum Allocation Algorithm for Inter-Core Crosstalk and Energy Efficiency in Space Division Multiplexing Elastic Optical Networks. IEEE Access, 2020, 8, 70453-70464.	4.2	14
13	Coverage uniformity with improved genetic simulated annealing algorithm for indoor Visible Light Communications. Optics Communications, 2019, 439, 156-163.	2.1	23
14	Space-Frequency Joint Contention Scheduling Algorithm based on AoD in SDM-EONs. Optical Fiber Technology, 2019, 47, 93-101.	2.7	5
15	Minimization Number of Network-Coded Links Based on Improved Adaptive Genetic Algorithm for Multi-source Optical Networks. Journal of Optical Communications, 2019, 40, 205-212.	4.7	0
16	Efficient Pâ€cycle combination protection strategy based on improved genetic algorithm in elastic optical networks. IET Optoelectronics, 2018, 12, 73-79.	3.3	14
17	An optimization method of VON mapping for energy efficiency and routing in elastic optical networks. Optical Fiber Technology, 2018, 41, 173-181.	2.7	5
18	A spectrum-efficient algorithm based on traffic splitting and merging transmission for anycast in inter-datacenter elastic optical networks. Photonic Network Communications, 2018, 35, 165-176.	2.7	1

#	Article	IF	Citations
19	An improved genetic algorithm for increasing the addressing accuracy of encoding fiber Bragg grating sensor network. Optical Fiber Technology, 2018, 40, 28-35.	2.7	8
20	A coordinated virtual optical network embedding algorithm based on resources availability-aware over elastic optical networks. Optical Fiber Technology, 2018, 45, 391-398.	2.7	8
21	A Method of Optical Grooming Based on Dynamic Multicast Capable of Adaptive Splitting Under Differential Delay Constraint. Journal of Optical Communications, 2018, 39, 311-318.	4.7	0
22	Traffic load-aware dynamic energy-efficient routing strategy with spectrum reservation and load balance in elastic optical networks. Optical Fiber Technology, 2018, 45, 106-114.	2.7	8
23	Resource efficiency improved approach for shared path protection in EONs. Photonic Network Communications, 2017, 33, 19-25.	2.7	10
24	Energy-efficient multicast traffic grooming strategy based on light-tree splitting for elastic optical networks. Optical Fiber Technology, 2017, 36, 374-381.	2.7	3
25	A multicast contention resolution scheme based on shared spectrum converter for elastic optical switching node. Optik, 2017, 144, 316-323.	2.9	5
26	Interference graph-based dynamic frequency reuse in optical attocell networks. Optics Communications, 2017, 402, 527-534.	2.1	12
27	A Energy-Saving Path-Shared Protection Based on Diversity Network Coding for Multi-rate Multicast in WDM Mesh Networks. Journal of Optical Communications, 2017, 38, .	4.7	0
28	Maximization Network Throughput Based on Improved Genetic Algorithm and Network Coding for Optical Multicast Networks. Journal of Optical Communications, 2017, 39, .	4.7	1
29	Multicast contention resolution based on time-frequency joint scheduling in elastic optical switching networks. Optics Communications, 2017, 383, 441-445.	2.1	10
30	A Self-Driven and Adaptive Adjusting Teaching Learning Method for Optimizing Optical Multicast Network Throughput. Journal of Optical Communications, 2016, 37, .	4.7	1
31	Spectrum allocation based on spectrum integration and reâ€routing for elastic optical networks. IET Optoelectronics, 2016, 10, 179-183.	3.3	6
32	Shared path protection through reconstructing sharable bandwidth based on spectrum segmentation for elastic optical networks. Optical Fiber Technology, 2016, 32, 88-95.	2.7	12
33	Conflict Graph-based Downlink Resource Allocation and Scheduling for Indoor Visible Light Communications. Journal of the Optical Society of Korea, 2016, 20, 36-41.	0.6	7
34	A Multicast Sparse-Grooming Algorithm Based on Network Coding in WDM Networks. Journal of Optical Communications, 2015, 36, .	4.7	1
35	A Multi-core Shared Tree Algorithm Based on Network Coding for Multi-point Optical Multicast. Journal of Optical Communications, 2015, 36, .	4.7	0
36	Scheduling Based on Minimal Conversion Degree With Respect to Wavelength Conversion and Coding in Optical Multicast Node. IEEE Communications Letters, 2014, 18, 1935-1938.	4.1	5

#	Article	IF	Citations
37	A Multicast Routing to Improve Multicast Capacity with Minimal Network Coding Cellsin WDM Networks. Journal of Optical Communications, 2014, 35, .	4.7	0
38	Optimisation of layer rate and wavelength allocation based on network coding for multirate optical multicast. IET Communications, 2014, 8, 1570-1577.	2.2	5
39	Shortest Path First to Optimize the Optical Multicast Routing Cost and Wavelength Consumption for WDM Network. Journal of Optical Communications, 2013, 34, .	4.7	0
40	A buffering architecture based-on traffic load selection scheduling for optical packet switching networks. , 2009, , .		0