

Fen Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5310656/publications.pdf>

Version: 2024-02-01

59
papers

1,090
citations

687363

13
h-index

414414

32
g-index

59
all docs

59
docs citations

59
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Throughput Maximization Leveraging Just-Enough SNR Margin and Channel Spacing Optimization. Journal of Lightwave Technology, 2022, 40, 4078-4093.	4.6	3
2	Disaster-Resilient and Distance-Adaptive Services Provisioning in Elastic Optical Inter-Data Center Networks. Journal of Lightwave Technology, 2022, 40, 4064-4077.	4.6	5
3	EVAL Cane: Nonintrusive Monitoring Platform With a Novel Gait-Based User-Identification Scheme. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	4
4	Disaster-Resilient Service Function Chain Embedding Based on Multi-Path Routing. , 2021, , .		10
5	On the Bilevel Optimization to Design Control Plane for SDONs in Consideration of Planned Physical-Layer Attacks. IEEE Transactions on Network and Service Management, 2021, 18, 3221-3230.	4.9	6
6	Security-Aware Planning of Packet-Over-Optical Networks in Consideration of OTN Encryption. IEEE Transactions on Network and Service Management, 2021, 18, 3209-3220.	4.9	4
7	Disaster Protection in Inter-DataCenter Networks Leveraging Cooperative Storage. IEEE Transactions on Network and Service Management, 2021, 18, 2598-2611.	4.9	16
8	Revenue Maximization Leveraging Elastic Service Provisioning in Flexible Optical Networks. , 2021, , .		0
9	Minimizing energy and link utilization in ISP backbone networks with multi-path routing: a bi-level approach. Optimization Letters, 2020, 14, 209-227.	1.6	6
10	NLOS-Aware VLC-based Indoor Localization: Algorithm Design and Experimental Validation. , 2020, , .		3
11	Network Planning with Bilevel optimization to Address Attacks to Physical Infrastructure of SDN. , 2020, , .		2
12	On Virtual Network Embedding: Paths and Cycles. IEEE Transactions on Network and Service Management, 2020, 17, 1487-1500.	4.9	6
13	Quality-of-experience-oriented network selection for indoor VLC heterogeneous networks. , 2020, , .		1
14	Disaster-Resilient Cloud Services Provisioning in Elastic Optical Inter-Data Center Networks. , 2019, , .		5
15	Spectrum Management in Elastic Optical Networks: Perspectives of Topology, Traffic and Routing. , 2019, , .		1
16	On two new formulations for the fixed charge network design problem with shortest path constraints. Computers and Operations Research, 2019, 108, 226-237.	4.0	3
17	On Virtual Network Embedding: Paths and Cycles. , 2019, , .		3
18	Spectrum management in elastic optical networks: perspectives of topology, traffic and routing. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Maximizing Revenue with Adaptive Modulation and Multiple FEC in Flexible Optical Networks. , 2019, , .		1
20	Analysis Framework of RSA Algorithms in Elastic Optical Rings. Journal of Lightwave Technology, 2019, 37, 1113-1122.	4.6	23
21	Joint Optimization for Multicast Provisioning in Mixed-Line-Rate Optical Networks With a Column Generation Approach. Journal of Lightwave Technology, 2018, 36, 637-649.	4.6	10
22	Relocation optimization of electric cars in one-way car-sharing systems: modeling, exact solving and heuristics algorithms. International Journal of Geographical Information Science, 2018, 32, 367-398.	4.8	32
23	A distributed time-limited multicast algorithm for VANETs using incremental power strategy. Computer Networks, 2018, 145, 141-155.	5.1	9
24	Adaptive Network Resource Optimization for Heterogeneous VLC/RF Wireless Networks. IEEE Transactions on Communications, 2018, 66, 5568-5581.	7.8	29
25	Spectrum Shared p-Cycle Design in Elastic Optical Networks with/without Spectrum Conversion Capabilities. Static and Dynamic Game Theory: Foundations and Applications, 2017, , 147-157.	0.6	0
26	On the Distance Spectrum Assignment in Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2017, 25, 2391-2404.	3.8	30
27	On Dynamic Service Function Chain Deployment and Readjustment. IEEE Transactions on Network and Service Management, 2017, 14, 543-553.	4.9	233
28	Intelligent UAV-assisted routing protocol for urban VANETs. Computer Communications, 2017, 107, 93-111.	5.1	139
29	Leveraging Spectrum Sharing and Defragmentation to p -Cycle Design in Elastic Optical Networks. IEEE Communications Letters, 2017, 21, 508-511.	4.1	11
30	Energy-efficient node position identification through payoff matrix and variability analysis. Telecommunication Systems, 2017, 65, 459-477.	2.5	3
31	Dynamic network resource optimization in hybrid VLC and radio frequency networks. , 2017, , .		8
32	A survey on position-based routing protocols for Flying Ad hoc Networks (FANETs). Vehicular Communications, 2017, 10, 29-56.	4.0	191
33	Personalized sightseeing tours: a model for visits in art museums. International Journal of Geographical Information Science, 2017, 31, 591-616.	4.8	5
34	Quality of Experience for Personalized Sightseeing Tours: Studies and Proposition for an Evaluation Method. Lecture Notes in Computer Science, 2017, , 380-395.	1.3	0
35	Robust geocast routing protocols for safety and comfort applications in VANETs. Wireless Communications and Mobile Computing, 2016, 16, 1317-1333.	1.2	8
36	Distance-adaptive, Low CAPEX Cost p -Cycle Design Without Candidate Cycle Enumeration in Mixed-Line-Rate Optical Networks. Journal of Lightwave Technology, 2016, 34, 2663-2676.	4.6	15

#	ARTICLE	IF	CITATIONS
37	QoS-aware multicast provisioning using column generation in mixed-line-rate optical networks. , 2016, , .		3
38	Interference-and-security-aware distance spectrum assignment in Elastic Optical Networks. , 2016, , .		8
39	Power-Efficient Protection With Directed Δ -Cycles for Asymmetric Traffic in Elastic Optical Networks. Journal of Lightwave Technology, 2016, 34, 4053-4065.	4.6	42
40	Maximizing Lifetime of Data-Gathering Trees With Different Aggregation Modes in WSNs. IEEE Sensors Journal, 2016, 16, 8167-8177.	4.7	31
41	Joint Optimization for the Delivery of Multiple Video Channels in Telco-CDNs. IEEE Transactions on Network and Service Management, 2015, 12, 87-100.	4.9	9
42	Minimizing Blocking Probability for the Multicast Routing and Wavelength Assignment Problem in WDM Networks: Exact Solutions and Heuristic Algorithms. Journal of Optical Communications and Networking, 2015, 7, 36.	4.8	23
43	Leveraging Light Forest With Rateless Network Coding to Design Efficient All-Optical Multicast Schemes for Elastic Optical Networks. Journal of Lightwave Technology, 2015, 33, 3945-3955.	4.6	63
44	Grey model and polynomial regression for identifying malicious nodes in MANETs. , 2014, , .		5
45	A Tabu Search Optimization for Multicast Provisioning in Mixed-Line-Rate Optical Networks. Lecture Notes in Computer Science, 2014, , 14-25.	1.3	3
46	Novel geocast routing protocols for Safety and Comfort Applications in VANets. , 2013, , .		3
47	Minimizing server throughput for low-delay live streaming in content delivery networks. , 2012, , .		12
48	Cost Bounds and Approximation Ratios of Multicast Light-Trees in WDM Networks. Journal of Optical Communications and Networking, 2011, 3, 323.	4.8	12
49	Power Optimal Design of Multicast Light-Trees in WDM Networks. IEEE Communications Letters, 2011, 15, 1240-1242.	4.1	3
50	All-optical multipoint-to-point routing in WDM mesh networks. Annales Des Telecommunications/Annals of Telecommunications, 2011, 66, 91-101.	2.5	1
51	Hypo-Steiner heuristic for multicast routing in all-optical WDM mesh networks. Photonic Network Communications, 2010, 20, 33-42.	2.7	3
52	Approximation Ratios of Multicast Light-Trees in WDM Networks. , 2010, , .		0
53	Cost Bounds of Multicast Light-Trees in WDM Networks. Lecture Notes in Computer Science, 2010, , 339-350.	1.3	1
54	Avoidance of multicast incapable branching nodes for multicast routing in WDM networks. Photonic Network Communications, 2009, 18, 378-392.	2.7	13

#	ARTICLE	IF	CITATIONS
55	Is Light-Tree Structure Optimal for Multicast Routing in Sparse Light Splitting WDM Networks?. , 2009, , .		11
56	Supporting multipoint-to-point communications in all-optical WDM networks. , 2009, , .		1
57	Avoidance of multicast incapable branching nodes for multicast routing in WDM networks. , 2008, , .		3
58	Distance priority based multicast routing in WDM networks considering sparse light splitting. , 2008, , .		8
59	Optimisation using Natural Language Processing: Personalized Tour Recommendation for Museums. , 0, , .		6