

# Long Gong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4217803/publications.pdf>

Version: 2024-02-01

30  
papers

1,626  
citations

759233

12  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	QPS-r: A cost-effective iterative switching algorithm for input-queued switches. Performance Evaluation, 2021, 147, 102197.	1.2	0
2	SERENADE: A Parallel Iterative Algorithm for Crossbar Scheduling in Input-Queued Switches. , 2020, , .		1
3	QPS-r. , 2020, , .		1
4	iDEC. Proceedings of the VLDB Endowment, 2020, 13, 1483-1497.	3.8	11
5	Best First Fit (BFF): An Approach to Partially Reconfigurable Hybrid Circuit and Packet Switching. , 2018, , .		2
6	2-Hop Eclipse: A Fast Algorithm for Bandwidth-Efficient Data Center Switching. Lecture Notes in Computer Science, 2018, , 69-83.	1.3	1
7	Impairment- and Splitting-Aware Cloud-Ready Multicast Provisioning in Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2017, 25, 1220-1234.	3.8	48
8	ForestStream: Accurate Measurement of Cascades in Online Social Networks. , 2017, , .		1
9	Queue-Proportional Sampling. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2017, 1, 1-33.	1.8	3
10	Novel Location-Constrained Virtual Network Embedding LC-VNE Algorithms Towards Integrated Node and Link Mapping. IEEE/ACM Transactions on Networking, 2016, 24, 3648-3661.	3.8	132
11	Incorporating network coding to formulate multicast sessions in elastic optical networks. , 2016, , .		8
12	On Fast and Coordinated Data Backup in Geo-Distributed Optical Inter-Datacenter Networks. Journal of Lightwave Technology, 2015, , 1-1.	4.6	47
13	Availability-Aware Survivable Virtual Network Embedding in Optical Datacenter Networks. Journal of Optical Communications and Networking, 2015, 7, 1160.	4.8	60
14	Demonstration of OpenFlow-Controlled Network Orchestration for Adaptive SVC Video Multicast. IEEE Transactions on Multimedia, 2015, 17, 1617-1629.	7.2	79
15	Joint Defragmentation of Optical Spectrum and IT Resources in Elastic Optical Datacenter Interconnections. Journal of Optical Communications and Networking, 2015, 7, 314.	4.8	70
16	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
17	Efficient joint approaches for location-constrained survivable virtual network embedding. , 2014, , .		13
18	Virtual Optical Network Embedding (VONE) Over Elastic Optical Networks. Journal of Lightwave Technology, 2014, 32, 450-460.	4.6	322

#	ARTICLE	IF	CITATIONS
19	Toward profit-seeking virtual network embedding algorithm via global resource capacity. , 2014, , .		141
20	Efficient Resource Allocation for All-Optical Multicasting Over Spectrum-Sliced Elastic Optical Networks. Journal of Optical Communications and Networking, 2013, 5, 836.	4.8	280
21	On the Spectrum-Efficient Overlay Multicast in Elastic Optical Networks Built with Multicast-Incapable Switches. IEEE Communications Letters, 2013, 17, 1860-1863.	4.1	33
22	Dynamic Multi-Path Service Provisioning under Differential Delay Constraint in Elastic Optical Networks. IEEE Communications Letters, 2013, 17, 158-161.	4.1	61
23	Bandwidth defragmentation in dynamic elastic optical networks with minimum traffic disruptions. , 2013, , .		53
24	Revenue-driven virtual network embedding based on global resource information. , 2013, , .		15
25	Design integrated RSA for multicast in elastic optical networks with a layered approach. , 2013, , .		18
26	Dynamic transparent virtual network embedding over elastic optical infrastructures. , 2013, , .		35
27	Dynamic Advance Reservation Multicast in Data Center Networks over Elastic Optical Infrastructure. , 2013, , .		6
28	Scalable network planning for elastic optical orthogonal frequency division multiplexing (OFDM) networks. , 2012, , .		1
29	A Two-Population Based Evolutionary Approach for Optimizing Routing, Modulation and Spectrum Assignments (RMSA) in O-OFDM Networks. IEEE Communications Letters, 2012, 16, 1520-1523.	4.1	104
30	Dynamic RMSA in elastic optical networks with an adaptive genetic algorithm. , 2012, , .		17