

Shihan Xiao

List of Publications by Year in descending order

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14
papers

438
citations

1478505

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1720034

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g-index

14
all docs

14
docs citations

14
times ranked

607
citing authors

#	ARTICLE	IF	CITATIONS
1	FlowDT: A Flow-Aware Digital Twin for Computer Networks. , 2022, , .		1
2	The graph neural networking challenge. Computer Communication Review, 2021, 51, 9-16.	1.8	13
3	Achieving Efficient Routing in Reconfigurable DCNs. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2019, 3, 1-30.	1.8	2
4	Machine Learning for Networking: Workflow, Advances and Opportunities. IEEE Network, 2018, 32, 92-99.	6.9	300
5	Diamond: Nesting the Data Center Network With Wireless Rings in 3-D Space. IEEE/ACM Transactions on Networking, 2018, 26, 145-160.	3.8	20
6	Traffic-Aware Virtual Machine Migration in Topology-Adaptive DCN. IEEE/ACM Transactions on Networking, 2017, 25, 3427-3440.	3.8	10
7	Performance-Aware Energy Optimization on Mobile Devices in Cellular Network. IEEE Transactions on Mobile Computing, 2017, 16, 1073-1089.	5.8	21
8	GreenWay: Joint VM Placement and Topology Adaption for Green Data Center Networking. , 2017, , .		2
9	Traffic-aware virtual machine migration in topology-adaptive DCN. , 2016, , .		10
10	Dynamic flow consolidation for energy savings in green DCNs. , 2015, , .		1
11	Demand-Aware Load Balancing in Wireless LANs Using Association Control. , 2015, , .		8
12	Performance-aware energy optimization on mobile devices in cellular network. , 2014, , .		19
13	Demand-Aware Load Balancing in Wireless LANs Using Association Control. , 2014, , .		1
14	Data Centers as Software Defined Networks: Traffic Redundancy Elimination with Wireless Cards at Routers. IEEE Journal on Selected Areas in Communications, 2013, 31, 2658-2672.	14.0	30