Yong Cui

List of Publications by Citations

48 papers	838 citations	15 h-index	28 g-index
50 ext. papers	1,087 ext. citations	5.1 avg, IF	4.25 L-index

#	Paper	IF	Citations
48	Machine Learning for Networking: Workflow, Advances and Opportunities. *IEEE Network*, **2018**, 32, 92-99	11.4	176
47	Wireless data center networking. *IEEE Wireless Communications*, **2011**, 18, 46-53	13.4	67
46	AP Association for Proportional Fairness in Multirate WLANs. *IEEE/ACM Transactions on Networking*, **2014**, 22, 191-202	3.8	63
45	A Survey of Energy Efficient Wireless Transmission and Modeling in Mobile Cloud Computing. *Mobile Networks and Applications*, **2013**, 18, 148-155	2.9	57
44	Transition from IPv4 to IPv6: A State-of-the-Art Survey. *IEEE Communications Surveys and Tutorials*, **2013**, 15, 1407-1424	37.1	55
43	Modeling Energy Consumption of Data Transmission Over Wi-Fi. *IEEE Transactions on Mobile Computing*, **2014**, 13, 1760-1773	4.6	35
42	Energy Efficiency on Location Based Applications in Mobile Cloud Computing: A Survey. *Procedia Computer Science*, **2012**, 10, 577-584	1.6	31
41	Partially overlapping channel assignment based on □ode orthogonality□ for 802.11 wireless networks **2011**,		31
40	. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 2658-2672	14.2	27
39	Dynamic Scheduling for Wireless Data Center Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2013**, 24, 2365-2374	3.7	25
38	SPABox: Safeguarding Privacy During Deep Packet Inspection at a MiddleBox. *IEEE/ACM Transactions on Networking*, **2017**, 25, 3753-3766	3.8	21
37	Energy optimizations for mobile terminals via computation offloading **2012**,		17
36	Achieving Proportional Fairness via AP Power Control in Multi-Rate WLANs. *IEEE Transactions on Wireless Communications*, **2011**, 10, 3784-3792	9.6	17
35	Software-Defined Wide Area Network (SD-WAN): Architecture, Advances and Opportunities **2019**,		16
34	Performance-aware energy optimization on mobile devices in cellular network **2014**,		15
33	Tunnel-Based IPv6 Transition. *IEEE Internet Computing*, **2013**, 17, 62-68	2.4	15
32	Energy efficiency on location based applications in mobile cloud computing: a survey. *Computing (Vienna/New York)*, **2014**, 96, 569-585	2.2	14

31	Wireless link scheduling for data center networks **2011**,		14
30	The Transition to IPv6, Part 1: 4over6 for the China Education and Research Network. *IEEE Internet Computing*, **2006**, 10, 80-85	2.4	14
29	QuickSync: Improving Synchronization Efficiency for Mobile Cloud Storage Services. *IEEE Transactions on Mobile Computing*, **2017**, 16, 3513-3526	4.6	13
28	Throughput Optimization via Association Control in Wireless LANs. *Mobile Networks and Applications*, **2016**, 21, 453-466	2.9	12
27	The Transition to IPv6, Part II: The Softwire Mesh Framework Solution. *IEEE Internet Computing*, **2006**, 10, 76-80	2.4	11
26	CoCloud: Enabling Efficient Cross-Cloud File Collaboration Based on Inefficient Web APIs. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 56-69	3.7	9
25	Mobility in IPv6: Whether and How to Hierarchize the Network?. *IEEE Transactions on Parallel and Distributed Systems*, **2011**, 22, 1722-1729	3.7	9
24	Machine Learning for Internet Congestion Control: Techniques and Challenges. *IEEE Internet Computing*, **2019**, 23, 59-64	2.4	7
23	Cost-Efficient Scheduling of Bulk Transfers in Inter-Datacenter WANs. *IEEE/ACM Transactions on Networking*, **2019**, 27, 1973-1986	3.8	6
22	Is cloud storage ready? Performance comparison of representative IP-based storage systems. *Journal of Systems and Software*, **2018**, 138, 206-221	3.3	6
21	Traffic-Aware Virtual Machine Migration in Topology-Adaptive DCN. *IEEE/ACM Transactions on Networking*, **2017**, 25, 3427-3440	3.8	6
20	Impact of receiver cheating on the stability of ALM tree **2005**,		6
19	Truthful Online Auction Toward Maximized Instance Utilization in the Cloud. *IEEE/ACM Transactions on Networking*, **2018**, 26, 2132-2145	3.8	5
18	Truthful Online Auction for Cloud Instance Subletting **2017**,		4
17	Policy-based flow control for multi-homed mobile terminals with IEEE 802.11u standard. *Computer Communications*, **2014**, 39, 33-40	5.1	4
16	**2006**,		4
15	Cooperative Coverage Extension for Relay-Union Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 371-381	3.7	3
14	. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 2059-2074	3.7	3

13	. *IEEE Network*, **2015**, 29, 48-53	11.4	3
12	Cooperative Redundancy Elimination in Data Center Networks with Wireless Cards at Routers **2012**,		3
11	. *IEEE Transactions on Multimedia*, **2009**, 11, 535-542	6.6	3
10	Reinforcement Learning Based Congestion Control in a Real Environment **2020**,		3
9	HyCloud: Tweaking Hybrid Cloud Storage Services for Cost-Efficient Filesystem Hosting. *IEEE/ACM Transactions on Networking*, **2020**, 28, 2629-2642	3.8	3
8	Flexible integration of tunneling and translation for IPv6 transition. *Networking Science*, **2012**, 1, 23-33		1
7	Defending Against Distance Cheating in Link-Weighted Application-Layer Multicast. *IEEE/ACM Transactions on Networking*, **2011**, 19, 1448-1457	3.8	1
6	Wireless Datacenter Networks **2016**, 128-138		1
5	Achieving Efficient Routing in Reconfigurable DCNs. *Proceedings of the ACM on Measurement and Analysis of Computing Systems*, **2019**, 3, 1-30	1.4	1
4	Building Generic Scalable Middlebox Services Over Encrypted Protocols **2018**,		1
3	Impact of user selfishness in construction action on the streaming quality of overlay multicast. *Computer Networks*, **2011**, 55, 3318-3331	5.4	
2	IETF softwire unicast and multicast framework for IPv6 transition. *Science in China Series F: Information Sciences*, **2008**, 51, 1692-1702		
1	A Cluster-Based Load Balancing for Multi-NAT. *Lecture Notes in Electrical Engineering*, **2012**, 511-519	0.2	