Liang Zheng

List of Publications by Year
in descending order

14 papers	338 citations	1040056 9 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	340 citing authors

#	Article	IF	Citations
1	Economic Viability of a Virtual ISP. IEEE/ACM Transactions on Networking, 2020, 28, 902-916.	3.8	4
2	Max-Min Fairness Rate Control in Wireless Networks: Optimality and Algorithms by Perron-Frobenius Theory. IEEE Transactions on Mobile Computing, 2018, 17, 127-140.	5.8	23
3	On the Efficiency of Online Social Learning Networks. IEEE/ACM Transactions on Networking, 2018, 26, 2076-2089.	3.8	14
4	Customized Data Plans for Mobile Users: Feasibility and Benefits of Data Trading. IEEE Journal on Selected Areas in Communications, 2017, 35, 949-963.	14.0	17
5	Economic viability of a virtual ISP. , 2017, , .		15
6	Wireless Max–Min Utility Fairness With General Monotonic Constraints by Perron–Frobenius Theory. IEEE Transactions on Information Theory, 2016, 62, 7283-7298.	2.4	17
7	Understanding rollover data. , 2016, , .		13
8	Secondary markets for mobile data: Feasibility and benefits of traded data plans. , 2015, , .		38
9	Beamforming Duality and Algorithms for Weighted Sum Rate Maximization in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 832-847.	14.0	16
10	Energy-Infeasibility Tradeoff in Cognitive Radio Networks: Price-Driven Spectrum Access Algorithms. IEEE Journal on Selected Areas in Communications, 2014, 32, 528-538.	14.0	44
11	Maximizing Sum Rates in Cognitive Radio Networks: Convex Relaxation and Global Optimization Algorithms. IEEE Journal on Selected Areas in Communications, 2014, 32, 667-680.	14.0	63
12	Optimal Algorithms in Wireless Utility Maximization: Proportional Fairness Decomposition and Nonlinear Perron-Frobenius Theory Framework. IEEE Transactions on Wireless Communications, 2014, 13, 2086-2095.	9.2	12
13	A unified framework for wireless max-min utility optimization with general monotonic constraints. , 2014, , .		16
14	Cognitive Radio Network Duality and Algorithms for Utility Maximization. IEEE Journal on Selected Areas in Communications, 2013, 31, 500-513.	14.0	45