

Longbo Huang

List of Publications by Year in descending order

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22
papers

783
citations

933447

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888059

17
g-index

22
all docs

22
docs citations

22
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Utility Optimal Scheduling in Energy-Harvesting Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1117-1130.	3.8	183
2	Data centers power reduction: A two time scale approach for delay tolerant workloads. , 2012, , .		168
3	Delay reduction via Lagrange multipliers in stochastic network optimization. IEEE Transactions on Automatic Control, 2011, 56, 842-857.	5.7	94
4	LIFO-Backpressure Achieves Near-Optimal Utility-Delay Tradeoff. IEEE/ACM Transactions on Networking, 2013, 21, 831-844.	3.8	59
5	Power-Delay Tradeoff With Predictive Scheduling in Integrated Cellular and Wi-Fi Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 735-742.	14.0	47
6	The Optimality of Two Prices: Maximizing Revenue in a Stochastic Communication System. IEEE/ACM Transactions on Networking, 2010, 18, 406-419.	3.8	40
7	The power of online learning in stochastic network optimization. , 2014, , .		35
8	When Backpressure Meets Predictive Scheduling. IEEE/ACM Transactions on Networking, 2016, 24, 2237-2250.	3.8	30
9	When backpressure meets predictive scheduling. , 2014, , .		21
10	Timely-Throughput Optimal Scheduling With Prediction. IEEE/ACM Transactions on Networking, 2018, 26, 2457-2470.	3.8	20
11	Quantum Network: Security Assessment and Key Management. IEEE/ACM Transactions on Networking, 2022, 30, 1328-1339.	3.8	16
12	Receding learning-aided control in stochastic networks. Performance Evaluation, 2015, 91, 150-169.	1.2	13
13	Proactive Serving Decreases User Delay Exponentially: The Light-Tailed Service Time Case. IEEE/ACM Transactions on Networking, 2017, 25, 708-723.	3.8	11
14	The Value-of-Information in Matching With Queues. IEEE/ACM Transactions on Networking, 2017, 25, 29-42.	3.8	8
15	Learning-aided Stochastic Network Optimization with Imperfect State Prediction. , 2017, , .		8
16	Proactive Serving Decreases User Delay Exponentially. Performance Evaluation Review, 2015, 43, 39-41.	0.6	7
17	Intelligence of Smart Systems: Model, Bounds, and Algorithms. IEEE/ACM Transactions on Networking, 2017, 25, 2960-2973.	3.8	6
18	Learning-Aided Stochastic Network Optimization With State Prediction. IEEE/ACM Transactions on Networking, 2018, 26, 1810-1820.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Fast-Convergent Learning-Aided Control in Energy Harvesting Networks. IEEE Transactions on Mobile Computing, 2020, 19, 2793-2803.	5.8	4
20	A Unified Framework for User Identification Across Online and Offline Data. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1562-1575.	5.7	4
21	Delay reduction via Lagrange Multipliers in stochastic network optimization. , 2009, , .		3
22	Exploration in policy optimization through multiple paths. Autonomous Agents and Multi-Agent Systems, 2021, 35, 1.	2.1	1