

I-Hong Hou

List of Publications by Year in descending order

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34
papers

405
citations

1163117

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34
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34
docs citations

34
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotically optimal algorithm for online reconfiguration of edge-clouds. , 2016, , .		62
2	Red/LeD: An Asymptotically Optimal and Scalable Online Algorithm for Service Caching at the Edge. IEEE Journal on Selected Areas in Communications, 2018, 36, 1857-1870.	14.0	45
3	Utility-optimal scheduling in time-varying wireless networks with delay constraints. , 2010, , .		40
4	Scheduling Heterogeneous Real-Time Traffic Over Fading Wireless Channels. IEEE/ACM Transactions on Networking, 2014, 22, 1631-1644.	3.8	34
5	Self-organized resource allocation in LTE systems with weighted proportional fairness. , 2012, , .		24
6	Real-time communication over unreliable wireless links: a theory and its applications. IEEE Wireless Communications, 2012, 19, 48-59.	9.0	21
7	Queueing systems with hard delay constraints: a framework for real-time communication over unreliable wireless channels. Queueing Systems, 2012, 71, 151-177.	0.9	19
8	Packet Scheduling for Real-Time Surveillance in Multihop Wireless Sensor Networks With Lossy Channels. IEEE Transactions on Wireless Communications, 2015, 14, 1071-1079.	9.2	17
9	QoE-Optimal Scheduling for On-Demand Video Streams over Unreliable Wireless Networks. , 2015, , .		15
10	An Energy-Aware Protocol for Self-Organizing Heterogeneous LTE Systems. IEEE Journal on Selected Areas in Communications, 2013, 31, 937-946.	14.0	14
11	Fluctuation analysis of debt based policies for wireless networks with hard delay constraints. , 2014, , .		12
12	Joint Rate Control and Scheduling for Real-Time Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 4562-4570.	9.2	12
13	Guest Editorial Ultra-Reliable Low-Latency Communications in Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 701-704.	14.0	11
14	Pathwise performance of debt based policies for wireless networks with hard delay constraints. , 2013, , .		9
15	Online Routing and Scheduling With Capacity Redundancy for Timely Delivery Guarantees in Multihop Networks. IEEE/ACM Transactions on Networking, 2019, 27, 1258-1271.	3.8	8
16	Heavy-traffic analysis of QoE optimality for on-demand video streams over fading channels. , 2016, , .		7
17	Energy Efficient Algorithms for Real-Time Traffic Over Fading Wireless Channels. IEEE Transactions on Wireless Communications, 2017, 16, 1881-1892.	9.2	7
18	Heavy-Traffic Analysis of QoE Optimality for On-Demand Video Streams Over Fading Channels. IEEE/ACM Transactions on Networking, 2018, 26, 1768-1781.	3.8	7

#	ARTICLE	IF	CITATIONS
19	On the modeling and optimization of short-term performance for real-time wireless networks. , 2016, , .		6
20	On the Capacity-Performance Trade-Off of Online Policy in Delayed Mobile Offloading. IEEE Transactions on Wireless Communications, 2017, 16, 526-537.	9.2	5
21	Age of Information for Single Buffer Systems With Vacation Server. IEEE Transactions on Network Science and Engineering, 2022, 9, 1198-1214.	6.4	5
22	Improving QoS for Global Dual-Criticality Scheduling on Multiprocessors. , 2019, , .		4
23	WiMAC. Computer Communication Review, 2015, 45, 109-110.	1.8	4
24	On the Credibility of Information Flows in Real-time Wireless Networks. , 2019, , .		4
25	Fresher content or smoother playback?. , 2020, , .		4
26	WiMAC. , 2015, , .		3
27	The capacity of QoE for wireless networks with unreliable transmissions. Queueing Systems, 2017, 87, 131-159.	0.9	2
28	Optimal Capacity Provisioning for Online Job Allocation With Hard Allocation Ratio Requirement. IEEE/ACM Transactions on Networking, 2018, 26, 724-736.	3.8	2
29	The Index Coding problem: A game-theoretical perspective. , 2013, , .		1
30	Scheduling Real-Time Information-Update Flows for the Optimal Confidence in Estimation. IEEE Journal on Selected Areas in Communications, 2021, 39, 1339-1351.	14.0	1
31	Truthful and non-monetary mechanism for direct data exchange. , 2013, , .		0
32	A Non-Monetary Mechanism for Optimal Rate Control Through Efficient Cost Allocation. IEEE/ACM Transactions on Networking, 2018, 26, 1418-1431.	3.8	0
33	An efficient revenue distribution method in a cyber-enabled manufacturing system. Manufacturing Letters, 2018, 17, 19-22.	2.2	0
34	Joint Index Coding and Incentive Design for Selfish Clients. IEEE Transactions on Communications, 2021, 69, 2176-2190.	7.8	0