Xi Huang

List of Publications by Year
in descending order

31	243	1684188 5	1372567 10
papers	citations	h-index	g-index

31	31	31	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PORA: Predictive Offloading and Resource Allocation in Dynamic Fog Computing Systems. IEEE Internet of Things Journal, 2020, 7, 72-87.	8.7	76
2	Dynamic switch-controller association and control devolution for SDN systems. , 2017, , .		23
3	Online Task Scheduling for Fog Computing with Multi-Resource Fairness. , 2019, , .		19
4	PORA: Predictive Offloading and Resource Allocation in Dynamic Fog Computing Systems. , 2019, , .		12
5	Service Chain Composition With Resource Failures in NFV Systems: A Game-Theoretic Perspective. IEEE Transactions on Network and Service Management, 2021, 18, 224-239.	4.9	11
6	History-Aware Online Cache Placement in Fog-Assisted IoT Systems: An Integration of Learning and Control. IEEE Internet of Things Journal, 2021, 8, 14683-14704.	8.7	10
7	Online VNF Chaining and Predictive Scheduling: Optimality and Trade-Offs. IEEE/ACM Transactions on Networking, 2021, 29, 1867-1880.	3.8	9
8	Predictive switch-controller association and control devolution for SDN systems. , 2019, , .		8
9	Proactive Cache Placement with Bandit Learning in Fog-Assisted IoT Systems. , 2020, , .		8
10	Neural Task Scheduling with Reinforcement Learning for Fog Computing Systems. , 2019, , .		7
11	Service Chain Composition with Failures in NFV Systems: A Game-Theoretic Perspective. , 2019, , .		6
12	An Efficient Distributed Deep Learning Framework for Fog-Based IoT Systems. , 2019, , .		6
13	Online VNF Chaining and Scheduling with Prediction: Optimality and Trade-Offs. , 2019, , .		6
14	Predictive Switch-Controller Association and Control Devolution for SDN Systems. IEEE/ACM Transactions on Networking, 2020, 28, 2783-2796.	3.8	6
15	Multi-Interface Channel Allocation in Fog Computing Systems using Thompson Sampling. , 2020, , .		4
16	An Integration of Online Learning and Online Control for Green Offloading in Fog-Assisted IoT Systems. IEEE Transactions on Green Communications and Networking, 2021, 5, 1632-1646.	5.5	4
17	MIPS: Instance Placement for Stream Processing Systems Based on Monte Carlo Tree Search. , 2019, , .		3
18	Dynamic Tuple Scheduling with Prediction for Data Stream Processing Systems. , 2019, , .		3

#	Article	IF	Citations
19	Joint Switch-Controller Association and Control Devolution for SDN Systems: An Integration of Online Control and Online Learning. , 2020, , .		3
20	Learning-Aided Content Placement in Caching-Enabled fog Computing Systems Using Thompson Sampling. , 2020, , .		3
21	POTUS: Predictive Online Tuple Scheduling for Data Stream Processing Systems. IEEE Transactions on Cloud Computing, 2022, 10, 2863-2875.	4.4	3
22	Joint Switchâ€“Controller Association and Control Devolution for SDN Systems: An Integrated Online Perspective of Control and Learning. IEEE Transactions on Network and Service Management, 2021, 18, 315-330.	4.9	3
23	Systematic Topology Design for Large-Scale Networks: A Unified Framework. , 2020, , .		2
24	Green Offloading in Fog-Assisted IoT Systems: An Online Perspective Integrating Learning and Control. , 2020, , .		2
25	Energy-Constrained Online Scheduling for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Mobile Computing, 2023, 22, 2163-2176.	5.8	2
26	Online Task Offloading with Bandit Learning in Fog-Assisted IoT Systems. , 2019, , .		1
27	Green Edge Intelligence Scheme for Mobile Keyboard Emoji Prediction. , 2021, , .		1
28	Multi-Interface Channel Allocation in Fog Computing Systems Using Thompson Sampling. IEEE Internet of Things Journal, 2021, 8, 13542-13554.	8.7	1
29	Decentralized Multi-Agent Bandit Learning for Intelligent Internet of Things Systems. , 2022, , .		1
30	Learning-Aided Online Task Offloading for UAVs-Aided IoT Systems. , 2019, , .		0
31	Online User-AP Association with Predictive Scheduling in Wireless Caching Networks. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	0