Mao, Yuyi

List of Publications by Year
in descending order

17 papers	6,467 citations	1163117 8 h-index	1588992 8 g-index
18 all docs	18 docs citations	18 times ranked	5165 citing authors

#	Article	IF	Citations
1	A Survey on Mobile Edge Computing: The Communication Perspective. IEEE Communications Surveys and Tutorials, 2017, 19, 2322-2358.	39.4	3,379
2	Dynamic Computation Offloading for Mobile-Edge Computing With Energy Harvesting Devices. IEEE Journal on Selected Areas in Communications, 2016, 34, 3590-3605.	14.0	1,285
3	Delay-optimal computation task scheduling for mobile-edge computing systems. , 2016, , .		540
4	Stochastic Joint Radio and Computational Resource Management for Multi-User Mobile-Edge Computing Systems. IEEE Transactions on Wireless Communications, 2017, 16, 5994-6009.	9.2	530
5	Power-Delay Tradeoff in Multi-User Mobile-Edge Computing Systems. , 2016, , .		224
6	Joint Task Offloading Scheduling and Transmit Power Allocation for Mobile-Edge Computing Systems. , 2017, , .		167
7	Energy harvesting small cell networks: feasibility, deployment, and operation. , 2015, 53, 94-101.		100
8	A Lyapunov Optimization Approach for Green Cellular Networks With Hybrid Energy Supplies. IEEE Journal on Selected Areas in Communications, 2015, 33, 2463-2477.	14.0	95
9	Learning Task-Oriented Communication for Edge Inference: An Information Bottleneck Approach. IEEE Journal on Selected Areas in Communications, 2022, 40, 197-211.	14.0	45
10	Grid Energy Consumption and QoS Tradeoff in Hybrid Energy Supply Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3573-3586.	9.2	24
11	Energy Consumption Analysis of Energy Harvesting Systems with Power Grid. IEEE Wireless Communications Letters, 2013, 2, 611-614.	5.0	20
12	Multi-objective resource allocation for mobile edge computing systems. , 2017, , .		20
13	On the Optimal Transmission Policy in Hybrid Energy Supply Wireless Communication Systems. IEEE Transactions on Wireless Communications, 2014, 13, 6422-6430.	9.2	15
14	Joint link selection and relay power allocation for energy harvesting relaying systems. , 2014, , .		14
15	ARQ with adaptive feedback for energy harvesting receivers. , 2016, , .		4
16	Communication-Computation Efficient Device-Edge Co-Inference via AutoML. , 2021, , .		1
17	Joint base station assignment and power control in hybrid energy supply wireless networks. , 2015, , .		0