Yongxu Zhu

List of Publications by Year
in descending order

30	1,395	516215	676716
papers	citations	16	22
		h-index	g-index

30	30	30	1749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiagent Collaborative Learning for UAV Enabled Wireless Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 2630-2642.	9.7	5
2	Performance Analysis of Hybrid UAV Networks for Probabilistic Content Caching. IEEE Systems Journal, 2021, 15, 4013-4024.	2.9	11
3	Dynamic Coverage Path Planning of Energy Optimization in UAV-enabled Edge Computing Networks. , 2021, , .		3
4	User Selection in Reconfigurable Intelligent Surface Assisted Communication Systems. IEEE Communications Letters, 2021, 25, 1353-1357.	2.5	17
5	Cell-Free Massive MIMO With Normalized Conjugate Beamforming and Channel Non-Reciprocities. , 2021, , .		1
6	Multi-Agent Learning Approach for UAVs Enabled Wireless Networks. , 2021, , .		0
7	Resource Management for Intelligent Reflecting Surface Assisted THz-MIMO Network. , 2021, , .		0
8	A Deep Learning Framework for Optimization of MISO Downlink Beamforming. IEEE Transactions on Communications, 2020, 68, 1866-1880.	4.9	171
9	Programmable Metasurface Transmitter Aided Multicast Systems. , 2020, , .		0
10	Large System Analysis of Downlink MISO-NOMA System via Regularized Zero-Forcing Precoding With Imperfect CSIT. IEEE Communications Letters, 2020, 24, 2454-2458.	2.5	6
11	Stochastic Geometry Analysis of Large Intelligent Surface-Assisted Millimeter Wave Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 1749-1762.	9.7	47
12	Programmable Metasurface-Based Multicast Systems: Design and Analysis. IEEE Journal on Selected Areas in Communications, 2020, 38, 1763-1776.	9.7	77
13	Incomplete Information Based Collaborative Computing in Emergency Communication Networks. IEEE Communications Letters, 2020, 24, 2038-2042.	2.5	1
14	Spectrum and Energy Efficiency in Dynamic UAV-Powered Millimeter Wave Networks. IEEE Communications Letters, 2020, 24, 2290-2294.	2.5	11
15	Deep Learning Based Beamforming Neural Networks in Downlink MISO Systems. , 2019, , .		15
16	Edge Intelligence and Blockchain Empowered 5G Beyond for the Industrial Internet of Things. IEEE Network, 2019, 33, 12-19.	4.9	213
17	On the Uplink Achievable Rate of Massive MIMO System with Low-Resolution ADC and RF Impairments. IEEE Communications Letters, 2019, 23, 502-505.	2.5	43
18	Achievable Rate and Capacity Analysis for Ambient Backscatter Communications. IEEE Transactions on Communications, 2019, 67, 6299-6310.	4.9	21

#	Article	IF	Citations
19	Deep Learning Empowered Task Offloading for Mobile Edge Computing in Urban Informatics. IEEE Internet of Things Journal, 2019, 6, 7635-7647.	5.5	230
20	Blockchain-Empowered Decentralized Storage in Air-to-Ground Industrial Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 3593-3601.	7.2	32
21	Secrecy Rate Analysis of UAV-Enabled mmWave Networks Using Matérn Hardcore Point Processes. IEEE Journal on Selected Areas in Communications, 2018, 36, 1397-1409.	9.7	121
22	A Novel Optimal Mapping Algorithm With Less Computational Complexity for Virtual Network Embedding. IEEE Transactions on Network and Service Management, 2018, 15, 356-371.	3.2	72
23	Content Placement in Cache-Enabled Sub-6 GHz and Millimeter-Wave Multi-Antenna Dense Small Cell Networks. IEEE Transactions on Wireless Communications, 2018, 17, 2843-2856.	6.1	38
24	Performance Analysis of Cache-Enabled Millimeter Wave Small Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6695-6699.	3.9	19
25	Secure Communications in Millimeter Wave Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2017, 16, 3205-3217.	6.1	133
26	A Efficient Mapping Algorithm With Novel Node-Ranking Approach for Embedding Virtual Networks. IEEE Access, 2017, 5, 22054-22066.	2.6	38
27	Performance Analysis and Optimization of Cache-Enabled Small Cell Networks. , 2017, , .		1
28	Physical Layer Security in Large-Scale Millimeter Wave Ad Hoc Networks. , 2016, , .		10
29	Wireless Power Transfer in Massive MIMO-Aided HetNets With User Association. IEEE Transactions on Communications, 2016, 64, 4181-4195.	4.9	49
30	Geometric Power Control for Time-Switching Energy-Harvesting Two-User Interference Channel. IEEE Transactions on Vehicular Technology, 2016, 65, 9759-9772.	3.9	10