Pan Zhiwen

List of Publications by Year
in descending order

30 papers	311 citations	1040056 9 h-index	888059 17 g-index
30 all docs	30 docs citations	30 times ranked	307 citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Based Channel Estimation for Massive MIMO With Mixed-Resolution ADCs. IEEE Communications Letters, 2019, 23, 1989-1993.	4.1	65
2	Belief Propagation Bit-Flip Decoder for Polar Codes. IEEE Access, 2019, 7, 10937-10946.	4.2	48
3	Deep Multi-Stage CSI Acquisition for Reconfigurable Intelligent Surface Aided MIMO Systems. IEEE Communications Letters, 2021, 25, 2024-2028.	4.1	27
4	User Clustering Scheme for Downlink Hybrid NOMA Systems Based on Genetic Algorithm. IEEE Access, 2020, 8, 129461-129468.	4.2	25
5	Energy-Delay Tradeoff in Ultra-Dense Networks Considering BS Sleeping and Cell Association. IEEE Transactions on Vehicular Technology, 2018, 67, 734-751.	6.3	23
6	Reinforcement Learning Based Cooperative Coded Caching Under Dynamic Popularities in Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5442-5456.	6.3	20
7	Prophet model and Gaussian process regression based user traffic prediction in wireless networks. Science China Information Sciences, 2020, 63, 1.	4.3	18
8	An energy minimization algorithm based on distributed dynamic clustering for long term evolution (LTE) heterogeneous networks. Science China Information Sciences, 2015, 58, 1-12.	4.3	10
9	Delay-constrained sleeping mechanism for energy saving in cache-aided ultra-dense network. Science China Information Sciences, 2019, 62, 1.	4.3	10
10	Joint Design and Performance Analysis of a Full-Duplex UAV Legitimate Surveillance System. Electronics (Switzerland), 2020, 9, 407.	3.1	8
11	A complexity-reduced fast successive cancellation list decoder for polar codes. Science China Information Sciences, 2018, 61, 1.	4.3	7
12	BS sleeping strategy for energy-delay tradeoff in wireless-backhauling UDN. Science China Information Sciences, 2019, 62, 1.	4.3	7
13	Cross-layer optimization of wireless multihop networks with one-hop two-way network coding. Computer Networks, 2011, 55, 1747-1769.	5.1	6
14	Deep Learning-Based Channel Estimation for Massive-MIMO With Mixed-Resolution ADCs and Low-Resolution Information Utilization. IEEE Access, 2021, 9, 54938-54950.	4.2	6
15	Energy-Spectral-Efficiency Tradeoff in Interference-Limited Wireless Networks. Wireless Personal Communications, 2017, 96, 5515-5532.	2.7	4
16	A low-latency list decoder for polar codes. Science China Information Sciences, 2018, 61, 1.	4.3	4
17	Multidimensional Constellation Design for Spatial Modulated SCMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 8795-8810.	6.3	4
18	A Novel Flip-List-Enabled Belief Propagation Decoder for Polar Codes. Electronics (Switzerland), 2021, 10, 2302.	3.1	4

#	ARTICLE	IF	CITATIONS
19	A power adjustment based eICIC algorithm for hyper-dense HetNets considering the alteration of user association. Science China Information Sciences, 2015, 58, 1-15.	4.3	3
20	Joint caching and sleeping optimisation for D2D‐aided ultra‐dense network. IET Communications, 2020, 14, 1-10.	2.2	3
21	Matching Theory Based Physical Layer Secure Transmission Strategy for Cognitive Radio Networks. IEEE Access, 2021, 9, 46201-46209.	4.2	3
22	LD-IMPSO Based Power Adjustment Algorithm for eICIC in QoS Constrained Hyper Dense HetNets. Wireless Personal Communications, 2016, 88, 111-131.	2.7	2
23	Performance Analysis of an Energy-Efficient Clustering Algorithm for Coordination Networks. Mobile Networks and Applications, 2020, 25, 1632-1643.	3.3	1
24	Full-Duplex UAV Legitimate Surveillance System against a Suspicious Source with Artificial Noise. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	1.2	1
25	Deep Learning Based Downlink Channel Covariance Estimation for FDD Massive MIMO Systems. IEEE Communications Letters, 2021, 25, 2275-2279.	4.1	1
26	Density-based user clustering in downlink NOMA systems. Science China Information Sciences, 2022, 65, .	4.3	1
27	A latency-reduced successive cancellation list decoder for polar codes. Science China Information Sciences, 2019, 62, 1.	4.3	0
28	Low-complexity polar code construction for higher order modulation. Science China Information Sciences, 2019, 62, 1.	4.3	0
29	A sparse autoencoder-based approach for cell outage detection in wireless networks. Science China Information Sciences, 2021, 64, 1.	4.3	0
30	Belief propagation list bit-flip decoder for polar codes. Science China Information Sciences, 2021, 64, 1.	4.3	0