Mangang Xie

List of Publications by Year
in descending order

24 papers	193 citations	1478505 6 h-index	1199594 12 g-index
24 all docs	24 docs citations	24 times ranked	93 citing authors

#	Article	IF	Citations
1	Multigroup Multicast Downlink Cell-Free Massive MIMO Systems With Multiantenna Users and Low-Resolution ADCs/DACs. IEEE Systems Journal, 2022, 16, 3578-3589.	4.6	6
2	Age of information in energy harvesting dual-sensor status update systems with HARQ-MRC. Ad Hoc Networks, 2022, 132, 102866.	5.5	2
3	Reducing Age of Extra Data by Free Riding on Coded Transmission in Multiaccess Networks. , 2022, , .		1
4	Implicit Globally-Coupled LDPC Codes Using Free-Ride Coding. , 2022, , .		3
5	Achieving Two-Level Age by Free-Ride Coding in Preemptive Mission-Critical Networks. , 2022, , .		1
6	Age and Energy Tradeoff for Short Packet Based Two-Hop Decode-and-Forward Relaying Networks. , 2021, , .		10
7	Age-Energy Tradeoff in Dual-Hop Status Update Systems with the m-th Best Relay Selection. , 2021, , .		4
8	Age-Energy Tradeoff for Two-Hop Status Update Systems With Heterogeneous Truncated ARQ. IEEE Wireless Communications Letters, 2021, 10, 1488-1492.	5.0	17
9	Age and Energy Tradeoff for Multicast Networks With Short Packet Transmissions. IEEE Transactions on Communications, 2021, 69, 6106-6119.	7.8	19
10	Age of Information of Dual-Sensor Information Update System With HARQ Chase Combining and Energy Harvesting Diversity. IEEE Wireless Communications Letters, 2021, 10, 2027-2031.	5.0	12
11	Age-Energy Tradeoff of Short Packet Based Transmissions in Multicast Networks with ARQ. , 2020, , .		9
12	Is the Packetized Transmission Efficient? An Age-Energy Perspective. , 2020, , .		4
13	Age and Energy Analysis for LDPC Coded Status Update With and Without ARQ. IEEE Internet of Things Journal, 2020, 7, 10388-10400.	8.7	51
14	Evaluation of Age of Information for LDPC Coded Transmission over AWGN Channels. , 2019, , .		6
15	Safeguarding Non-Best User Association Aided 5G K-Tier HetNets Using Physical Layer Security. , 2019, , .		2
16	Min–Max User-Pair Association Criterion and Outage Performance of K-Tier Relay-Based Heterogeneous Networks. Wireless Personal Communications, 2019, 104, 149-171.	2.7	2
17	Energy–spectrum–efficient three–tier heterogeneous networks with D2D harvesting energy and uplink coverage analysis. International Journal of Communication Systems, 2018, 31, e3729.	2.5	1
18	Outage performance and ergodic capacity of multiuser cognitive MIMO AF relaying systems with MUS/MRT/RAS over Nakagami-m fading channels. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2996.	3.9	1

#	Article	IF	Citations
19	Secure massive <scp>MIMO</scp>â€enabled fullâ€duplex 2â€tier heterogeneous networks by exploiting inâ€band wireless backhauls. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3158.	3.9	7
20	D2D underlay massive MIMO hybrid networks with improved physical layer secrecy and energy efficiency. International Journal of Communication Systems, 2017, 30, e3272.	2.5	2
21	Effect of lowâ€resolution ADCs and loop interference on multiâ€user fullâ€duplex massive MIMO amplifyâ€andâ€forward relaying systems. IET Communications, 2017, 11, 687-695.	2.2	11
22	Full-duplex massive MIMO AF relaying system with low-resolution ADCs under ZFT/ZFR scheme. , 2017, , .		10
23	Analysis of non-best user association scheme in K-tiers heterogeneous networks. , 2017, , .		1
24	Study on energy efficiency of D2D underlay massive MIMO networks with power beacons. , 2016, , .		11