Chao Wang

List of Publications by Year
in descending order

15 papers	410 citations	1478505 6 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	422 citing authors

#	Article	IF	Citations
1	Recovering Multiplexing Loss through Successive Relaying Using Repetition Coding. IEEE Transactions on Wireless Communications, 2007, 6, 4484-4493.	9.2	228
2	Mobility-Aware Multi-User Offloading Optimization for Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 3341-3356.	6.3	115
3	Achieving the Degrees of Freedom of Wireless Multi-User Relay Networks. IEEE Transactions on Communications, 2012, 60, 2612-2622.	7.8	19
4	Multi-User Multi-Hop Relay Networks: Transmission Schemes and Degrees of Freedom. IEEE Transactions on Wireless Communications, 2015, 14, 4582-4596.	9.2	10
5	Distributed Transceiver Design and Power Control for Wireless MIMO Interference Networks. IEEE Transactions on Wireless Communications, 2015, 14, 1199-1212.	9.2	10
6	Combining Non-orthogonal Transmission with Network-Coded Cooperation: Performance Analysis Over Nakagami-m Fading Channels. IEEE Transactions on Communications, 2020, 68, 4073-4088.	7.8	8
7	Stochastic Geometric Analysis in Cooperative Vehicular Networks Under Weibull Fading. IEEE Access, 2019, 7, 158655-158670.	4.2	5
8	Outage Probability of SIMO MRC Receivers With Correlated Poisson Field of Interferers. IEEE Communications Letters, 2021, 25, 74-78.	4.1	5
9	Sensing Performance of Multi-Antenna Energy Detector With Temporal Signal Correlation in Cognitive Vehicular Networks. IEEE Signal Processing Letters, 2020, 27, 1050-1054.	3.6	4
10	New Achievable Sum Degrees of Freedom in Half-Duplex Single-Antenna Multi-User Multi-Hop Networks. IEEE Transactions on Communications, 2018, 66, 2840-2854.	7.8	2
11	Stochastic Analysis of Network Coding Based Relay-Assisted I2V Communications in Intelligent Transportation Systems. Wireless Communications and Mobile Computing, 2017, 2017, 1-9.	1.2	1
12	Guest Editorial: Special Issue on Computational Intelligence for Smart Energy Applications to Smart Cities. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 173-176.	4.9	1
13	Driving Stability Analysis Using Naturalistic Driving Data With Random Matrix Theory. IEEE Access, 2020, 8, 175521-175534.	4.2	1
14	Privacy-Preserving Design of Scalar LQG Control. Entropy, 2022, 24, 856.	2.2	1
15	Machine Learning-assisted Node Scheduling in Multi-user Network-coded Relay Networks. , 2021, , .		0