

Omer Waqar

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

271
citations

1307594

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996975

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24
all docs

24
docs citations

24
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Design and Implementation of a Blockchain Enabled E-Voting Application Within IoT-Oriented Smart Cities. IEEE Access, 2021, 9, 34165-34176.	4.2	65
2	Exact Evaluation of Ergodic Capacity for Multihop Variable-Gain Relay Networks: A Unified Framework for Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2010, 59, 4181-4187.	6.3	42
3	Energy Consumption Analysis and Optimization of BER-Constrained Amplify-and-Forward Relay Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1256-1269.	6.3	32
4	Tight Bounds for Ergodic Capacity of Dual-Hop Fixed-Gain Relay Networks under Rayleigh Fading. IEEE Communications Letters, 2011, 15, 413-415.	4.1	26
5	Performance analysis of non-regenerative opportunistic relaying in Nakagami-m fading. , 2009, , .		15
6	Optimizing Resource Allocation for 6G NOMA-Enabled Cooperative Vehicular Networks. IEEE Open Journal of Intelligent Transportation Systems, 2021, 2, 269-281.	4.8	14
7	Federated learning and next generation wireless communications: A survey on bidirectional relationship. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	13
8	Mobility and energy aware routing algorithm for mobile ad-hoc networks. , 2017, , .		9
9	Performance analysis of dual-hop variable gain relay networks over Generalized-K fading channels. , 2010, , .		7
10	On the Throughput of Wireless Powered Communication Systems With a Multiple Antenna Bidirectional Relay. IEEE Wireless Communications Letters, 2019, 8, 941-944.	5.0	7
11	Secure Beamforming and Ergodic Secrecy Rate Analysis for Amplify-and-Forward Relay Networks With Wireless Powered Jammer. IEEE Transactions on Vehicular Technology, 2021, 70, 3908-3913.	6.3	6
12	Performance analysis for IRS-aided communication systems with composite fading/shadowing direct link and discrete phase shifts. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4320.	3.9	6
13	On the Error Analysis of Fixed-Gain Relay Networks over Composite Multipath/Shadowing Channels. , 2013, , .		5
14	Throughput maximization of an IRS-assisted wireless powered network with interference: A deep unsupervised learning approach. Physical Communication, 2022, 51, 101558.	2.1	5
15	Dynamic Parameters-Based Reversible Data Transform (RDT) Algorithm in Recommendation System. IEEE Access, 2021, 9, 110011-110025.	4.2	4
16	On Efficient DCT Type-I Based Low Complexity Channel Estimation for Uplink NB-IoT Systems. IEEE Access, 2021, 9, 129756-129770.	4.2	3
17	Closed-form bounds on the ergodic capacity and symbol error probability of the opportunistic incremental relaying protocol. , 2010, , .		2
18	Downlink Energy Transfer and Pilot Contamination Analysis in Multi-Cell Massive MIMO Systems. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Throughput Analysis of Wireless Energy-Harvesting Relaying Protocols for Nakagami-m Fading Channels. Arabian Journal for Science and Engineering, 2019, 44, 6851-6860.	3.0	2
20	On the ergodic capacities of decode-and-forward MIMO relay network with simultaneous wireless information and power transfer. Transactions on Emerging Telecommunications Technologies, 2021, 32, .	3.9	2
21	Resource Optimization Framework for Physical Layer Security of Dual-Hop Multi-Carrier Decode and Forward Relay Networks. IEEE Open Journal of Antennas and Propagation, 2021, 2, 634-645.	3.7	2
22	Outage and ergodic capacity expressions for fixed-gain relay networks in the presence of interference. , 2010, , .		1
23	Energy efficiency of base station cooperation using amplify-and-forward relay protocol. , 2015, , .		1
24	Outage Probability Analysis of Cooperative Communication Systems over Gamma-Shadowed Nakagami-m Fading Channels. , 2009, , .		0