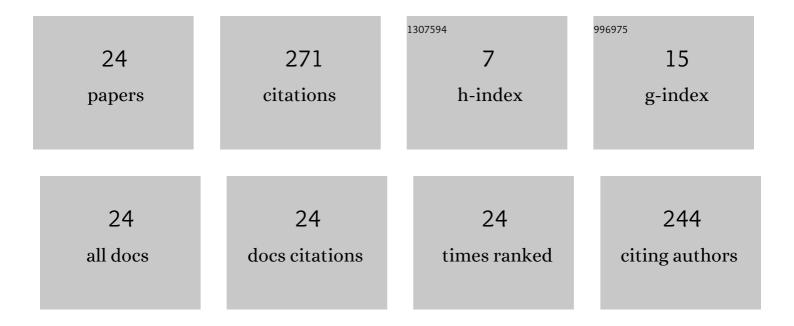
Omer Waqar

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Throughput maximization of an IRS-assisted wireless powered network with interference: A deep unsupervised learning approach. Physical Communication, 2022, 51, 101558. | 2.1 | 5 |
| 2 | Federated learning and next generation wireless communications: A survey on bidirectional relationship. Transactions on Emerging Telecommunications Technologies, 2022, 33, . | 3.9 | 13 |
| 3 | On the ergodic capacities of decodeâ€andâ€forward MIMO relay network with simultaneous wireless information and power transfer. Transactions on Emerging Telecommunications Technologies, 2021, 32, . | 3.9 | 2 |
| 4 | 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 |
| 5 | Dynamic Parameters-Based Reversible Data Transform (RDT) Algorithm in Recommendation System. IEEE Access, 2021, 9, 110011-110025. | 4.2 | 4 |
| 6 | On Efficient DCT Type-I Based Low Complexity Channel Estimation for Uplink NB-IoT Systems. IEEE Access, 2021, 9, 129756-129770. | 4.2 | 3 |
| 7 | 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 |
| 8 | Performance analysis for IRSâ€aided communication systems with composite fading/shadowing direct link and discrete phase shifts. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4320. | 3.9 | 6 |
| 9 | 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 |
| 10 | Optimizing Resource Allocation for 6G NOMA-Enabled Cooperative Vehicular Networks. IEEE Open Journal of Intelligent Transportation Systems, 2021, 2, 269-281. | 4.8 | 14 |
| 11 | 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 |
| 12 | 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 |
| 13 | Downlink Energy Transfer and Pilot Contamination Analysis in Multi-Cell Massive MIMO Systems. , 2018, , . | | 2 |
| 14 | Mobility and energy aware routing algorithm for mobile ad-hoc networks. , 2017, , . | | 9 |
| 15 | Energy efficiency of base station cooperation using amplify-and-forward relay protocol. , 2015, , . | | 1 |
| 16 | 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 |
| 17 | On the Error Analysis of Fixed-Gain Relay Networks over Composite Multipath/Shadowing Channels. , 2013, , . | | 5 |
| 18 | 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 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Outage and ergodic capacity expressions for fixed-gain relay networks in the presence of interference. , 2010, , . | | 1 |
| 21 | Closed-form bounds on the ergodic capacity and symbol error probability of the opportunistic incremental relaying protocol. , 2010, , . | | 2 |
| 22 | Performance analysis of dual-hop variable gain relay networks over Generalized-K fading channels. , 2010, , . | | 7 |
| 23 | Performance analysis of non-regenerative opportunistic relaying in Nakagami-m fading. , 2009, , . | | 15 |
| 24 | Outage Probability Analysis of Cooperative Communication Systems over Gamma-Shadowed Nakagami-m Fading Channels. , 2009, , . | | 0 |