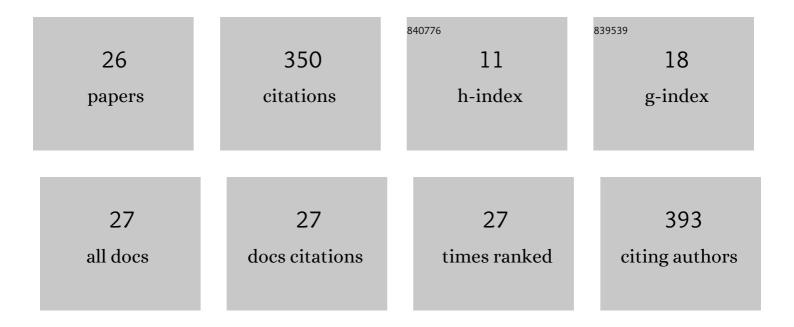
Imran Ullah Khan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Efficient Energy Management of IoT-Enabled Smart Homes Under Price-Based Demand Response Program in Smart Grid. Sensors, 2020, 20, 3155. | 3.8 | 68 |
| 2 | Comparative Study of IoT-Based Topology Maintenance Protocol in a Wireless Sensor Network for Structural Health Monitoring. Remote Sensing, 2020, 12, 2358. | 4.0 | 31 |
| 3 | Low-Complexity Doppler Compensation Algorithm for Underwater Acoustic OFDM Systems With Nonuniform Doppler Shifts. IEEE Communications Letters, 2020, 24, 2051-2054. | 4.1 | 28 |
| 4 | Fundamentals and Advancements of Magnetic-Field Communication for Underwater Wireless Sensor Networks. IEEE Transactions on Antennas and Propagation, 2020, 68, 7555-7570. | 5.1 | 28 |
| 5 | Pilot Decontamination Using Asynchronous Fractional Pilot Scheduling in Massive MIMO Systems. Sensors, 2020, 20, 6213. | 3.8 | 19 |
| 6 | A Lightweight Post-Quantum Lattice-Based RSA for Secure Communications. IEEE Access, 2020, 8, 99273-99285. | 4.2 | 19 |
| 7 | A review of airport dual energy X-ray baggage inspection techniques: Image enhancement and noise reduction. Journal of X-Ray Science and Technology, 2020, 28, 481-505. | 1.0 | 16 |
| 8 | Sea Surface Temperature Variability over the Tropical Indian Ocean during the ENSO and IOD Events in 2016 and 2017. Atmosphere, 2021, 12, 587. | 2.3 | 16 |
| 9 | Adaptive hop-by-hop cone vector-based forwarding protocol for underwater wireless sensor networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772095830. | 2.2 | 15 |
| 10 | An Improved Particle Swarm Algorithm for Multi-Objectives Based Optimization in MPLS/GMPLS Networks. IEEE Access, 2019, 7, 137147-137162. | 4.2 | 14 |
| 11 | Subcarrier modulation identification of underwater acoustic OFDM based on block expectation maximization and likelihood. Applied Acoustics, 2021, 173, 107654. | 3.3 | 14 |
| 12 | On the Performance of Temporal Stacking and Vegetation Indices for Detection and Estimation of Tobacco Crop. IEEE Access, 2020, 8, 103020-103033. | 4.2 | 12 |
| 13 | A Combined Finite Element Method with Normal Mode for the Elastic Structural Acoustic Radiation in Shallow Water. Journal of Theoretical and Computational Acoustics, 2020, 28, 2050004. | 1.1 | 10 |
| 14 | Full Duplex Physical and MAC Layer-Based Underwater Wireless Communication Systems and Protocols: Opportunities, Challenges, and Future Directions. Journal of Marine Science and Engineering, 2021, 9, 468. | 2.6 | 10 |
| 15 | Analysis of Near-Capacity Iterative Decoding Schemes for Wireless Communication Using EXIT Charts. IEEE Access, 2020, 8, 124424-124436. | 4.2 | 9 |
| 16 | Variability of SST and ILD in the Arabian Sea and Sea of Oman in Association with the Monsoon Cycle. Mathematical Problems in Engineering, 2021, 2021, 1-15. | 1.1 | 8 |
| 17 | An improved hybrid indoor positioning system based on surface tessellation artificial neural network. Measurement and Control, 2020, 53, 1968-1977. | 1.8 | 7 |
| 18 | An Enhanced Full-Duplex MAC Protocol for an Underwater Acoustic Network. , 2021, , . | | 5 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Directional weighted spatial fuzzy C-means for segmentation of brain MRI images. Journal of X-Ray Science and Technology, 2020, 27, 1087-1099. | 1.0 | 4 |
| 20 | A Method for Predicting Radiated Acoustic Field in Shallow Sea Based on Wave Superposition and Ray. Applied Sciences (Switzerland), 2020, 10, 917. | 2.5 | 4 |
| 21 | Full-duplex Underwater Optical Communication Systems: A Review. , 2021, , . | | 4 |
| 22 | Bayesian Analysis of Inverted Kumaraswamy Mixture Model with Application to Burning Velocity of Chemicals. Mathematical Problems in Engineering, 2021, 2021, 1-18. | 1.1 | 3 |
| 23 | Non-cooperative MPSK Modulation Identification in SIMO Underwater Acoustic Multipath Channel. , 2021, , . | | 2 |
| 24 | Artificial Intelligence based rule base fire engine testing model for congestion handling in opportunistic networks. Measurement and Control, 2020, 53, 1841-1850. | 1.8 | 1 |
| 25 | The Performance Enhancement of Inter Relay Cooperative Network Using Amplify-and-Forward Time Division Multiple Access Based Protocol. Communications in Computer and Information Science, 2014, , 86-97. | 0.5 | 1 |
| 26 | Intraseasonal Variability of Sea Surface Temperature in the Sea of Oman and the Arabian Sea: Argo Study. , 2020, , . | | 1 |