

Imran Ullah Khan

List of Publications by Year in descending order

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26
papers

350
citations

840776

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docs citations

27
times ranked

393
citing authors

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

#	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