Imran Khan

List of Publications by Year
in descending order

33 papers	622 citations	643344 15 h-index	685536 24 g-index
33 all docs	33 docs citations	33 times ranked	658 citing authors

#	Article	IF	Citations
1	An efficient algorithm for data parallelism based on stochastic optimization. AEJ - Alexandria Engineering Journal, 2022, 61, 12005-12017.	3.4	3
2	TRNSYS Modeling and Simulation of a Solar-Fuel Hybrid Thermal Power Plant based on a Central Receiver System. International Journal of Engineering Works, 2021, 8, 139-142.	0.1	0
3	An optimized algorithm for optimal power flow based on deep learning. Energy Reports, 2021, 7, 2113-2124.	2.5	11
4	Bat algorithm–based beamforming for mmWave massive MIMO systems. International Journal of Communication Systems, 2020, 33, e4182.	1.6	9
5	Comparative Analysis of Data Detection Techniques for 5G Massive MIMO Systems. Sustainability, 2020, 12, 9281.	1.6	10
6	Efficient Modulation Scheme for Intermediate Relay-Aided IoT Networks. Applied Sciences (Switzerland), 2020, 10, 2126.	1.3	19
7	Efficient Power Control Framework for Small-Cell Heterogeneous Networks. Sensors, 2020, 20, 1467.	2.1	15
8	Cellular-D2D Resource Allocation Algorithm Based on User Fairness. Electronics (Switzerland), 2020, 9, 386.	1.8	10
9	Interference Analysis for Vehicle-to-Vehicle Communications at 28 GHz. Electronics (Switzerland), 2020, 9, 262.	1.8	16
10	A Hybrid Energy Harvesting Design for On-Body Internet-of-Things (IoT) Networks. Sensors, 2020, 20, 407.	2.1	61
11	Smart Handoff Technique for Internet of Vehicles Communication using Dynamic Edge-Backup Node. Electronics (Switzerland), 2020, 9, 524.	1.8	19
12	Performance Evaluation of UAV-Enabled LoRa Networks for Disaster Management Applications. Sensors, 2020, 20, 2396.	2.1	48
13	Machine Learning Techniques for Wireless-Powered Ambient Backscatter Communications: Enabling Intelligent IoT Networks in 6G Era. Internet of Things, 2020, , 187-211.	1.3	6
14	Joint Power Allocation and Link Selection for Multi-Carrier Buffer Aided Relay Network. Electronics (Switzerland), 2019, 8, 686.	1.8	37
15	Simultaneous harvest-and-transmit ambient backscatter communications under Rayleigh fading. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	39
16	Experimental Investigation of a Planar Antenna with Band Rejection Features for Ultra-Wide Band (UWB) Wireless Networks. International Journal of Antennas and Propagation, 2019, 2019, 1-11.	0.7	9
17	An Efficient Precoding Scheme for Millimeter-Wave Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 927.	1.8	24
18	A Robust Channel Estimation Scheme for 5G Massive MIMO Systems. Wireless Communications and Mobile Computing, 2019, 2019, 1-8.	0.8	14

#	Article	IF	Citations
19	A Robust Decentralized Power Flow Optimization for Dynamic PV System. IEEE Access, 2019, 7, 63789-63800.	2.6	7
20	An Efficient Resource Allocation Algorithm for D2D Communications Based on NOMA. IEEE Access, 2019, 7, 120238-120247.	2.6	56
21	An Efficient Resource Allocation Algorithm for Device-To-Device Communications. Applied Sciences (Switzerland), 2019, 9, 3816.	1.3	8
22	An Efficient Precoding Algorithm for mmWave Massive MIMO Systems. Symmetry, 2019, 11, 1099.	1.1	8
23	An Efficient Algorithm for mmWave MIMO Systems. Symmetry, 2019, 11, 786.	1.1	4
24	An Internet of Things Based Bed-Egress Alerting Paradigm Using Wearable Sensors in Elderly Care Environment. Sensors, 2019, 19, 2498.	2.1	36
25	Low-Complexity Channel Estimation in 5G Massive MIMO-OFDM Systems. Symmetry, 2019, 11, 713.	1.1	18
26	An Efficient Resource Allocation Algorithm for OFDM-Based NOMA in 5G Systems. Electronics (Switzerland), 2019, 8, 1399.	1.8	22
27	Robust Hybrid Beamforming Scheme for Millimeter-Wave Massive-MIMO 5G Wireless Networks. Symmetry, 2019, 11, 1424.	1.1	38
28	Power Allocation and User Assignment Scheme for beyond 5G Heterogeneous Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-11.	0.8	22
29	An Efficient Neighbor Discovery Scheme for Mobile WSN. IEEE Access, 2019, 7, 4843-4855.	2.6	15
30	An Easy Network Onboarding Scheme for Internet of Things Networks. IEEE Access, 2019, 7, 8763-8772.	2.6	18
31	Computationally Efficient Channel Estimation in 5G Massive Multiple-Input Multiple-output Systems. Electronics (Switzerland), 2018, 7, 382.	1.8	14
32	A Joint Approach for Low-Complexity Channel Estimation in 5G Massive MIMO Systems. Electronics (Switzerland), 2018, 7, 218.	1.8	6
33	Hierarchical Optimization and Grid Scheduling Model for Energy Internet: A Genetic Algorithm-Based Layered Approach. Frontiers in Energy Research, 0, 10, .	1.2	0