

Imran Khan

List of Publications by Year in descending order

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papers

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687220

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33
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33
docs citations

33
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimized algorithm for optimal power flow based on deep learning. Energy Reports, 2021, 7, 2113-2124.	2.5	11
2	Bat algorithmâ€‘based beamforming for mmWave massive MIMO systems. International Journal of Communication Systems, 2020, 33, e4182.	1.6	9
3	Efficient Modulation Scheme for Intermediate Relay-Aided IoT Networks. Applied Sciences (Switzerland), 2020, 10, 2126.	1.3	19
4	Matrix inversionâ€‘less direct decoding for efficient channel estimation in fifthâ€‘generation massive MIMO systems. IET Communications, 2020, 14, 865-871.	1.5	3
5	An Efficient Algorithm for Power Flow Optimization in PV Inverters Systems. Electric Power Components and Systems, 2020, 48, 1362-1377.	1.0	4
6	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
7	Hybrid Particle Swarm Algorithm for Productsâ€™ Scheduling Problem in Cellular Manufacturing System. Symmetry, 2019, 11, 729.	1.1	14
8	An Efficient Precoding Scheme for Millimeter-Wave Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 927.	1.8	24
9	A Robust Channel Estimation Scheme for 5G Massive MIMO Systems. Wireless Communications and Mobile Computing, 2019, 2019, 1-8.	0.8	14
10	An Efficient Channel Estimation Scheme for mmWave Massive MIMO Systems. , 2019, , .		2
11	An Efficient Method for Offset Mitigation in Free-Space Optical Systems. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	1
12	A Robust Decentralized Power Flow Optimization for Dynamic PV System. IEEE Access, 2019, 7, 63789-63800.	2.6	7
13	An Efficient Precoding Algorithm for mmWave Massive MIMO Systems. Symmetry, 2019, 11, 1099.	1.1	8
14	Efficient Pilot Decontamination Schemes in 5G Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 55.	1.8	5
15	An Efficient Algorithm for mmWave MIMO Systems. Symmetry, 2019, 11, 786.	1.1	4
16	An Internet of Things Based Bed-Egress Alerting Paradigm Using Wearable Sensors in Elderly Care Environment. Sensors, 2019, 19, 2498.	2.1	36
17	Low-Complexity Channel Estimation in 5G Massive MIMO-OFDM Systems. Symmetry, 2019, 11, 713.	1.1	18
18	Adaptive Edge Preserving Weighted Mean Filter for Removing Random-Valued Impulse Noise. Symmetry, 2019, 11, 395.	1.1	21

#	ARTICLE	IF	CITATIONS
19	Solar PV Grid Power Flow Analysis. Sustainability, 2019, 11, 1744.	1.6	30
20	An Artificial Bee Colony Algorithm Based on a Multi-Objective Framework for Supplier Integration. Applied Sciences (Switzerland), 2019, 9, 588.	1.3	8
21	LS-Solar-PV System Impact on Line Protection. Electronics (Switzerland), 2019, 8, 226.	1.8	10
22	Robust Hybrid Beamforming Scheme for Millimeter-Wave Massive-MIMO 5G Wireless Networks. Symmetry, 2019, 11, 1424.	1.1	38
23	Modeling and Analysis of Wearable Antennas. Electronics (Switzerland), 2019, 8, 7.	1.8	11
24	Channel modeling and analysis of OWC-massive MIMO systems. Optics Communications, 2019, 434, 209-217.	1.0	6
25	Efficient compressive sensing based sparse channel estimation for 5G massive MIMO systems. AEU - International Journal of Electronics and Communications, 2018, 89, 181-190.	1.7	40
26	Energy-balance node-selection algorithm for heterogeneous wireless sensor networks. ETRI Journal, 2018, 40, 604-612.	1.2	14
27	Computationally Efficient Channel Estimation in 5G Massive Multiple-Input Multiple-output Systems. Electronics (Switzerland), 2018, 7, 382.	1.8	14
28	A Joint Approach for Low-Complexity Channel Estimation in 5G Massive MIMO Systems. Electronics (Switzerland), 2018, 7, 218.	1.8	6
29	A Novel Multi-User Codebook Design for 5G in 3D-MIMO Heterogeneous Networks. Electronics (Switzerland), 2018, 7, 144.	1.8	4
30	Notice of Violation of IEEE Publication Principles: A Robust Signal Detection Scheme for 5G Massive Multiuser MIMO Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 9597-9604.	3.9	11
31	Compressive Sensing-based Sparsity Adaptive Channel Estimation for 5G Massive MIMO Systems. Applied Sciences (Switzerland), 2018, 8, 754.	1.3	24
32	Spectral and Energy Efficient Low-Overhead Uplink and Downlink Channel Estimation for 5G Massive MIMO Systems. Entropy, 2018, 20, 92.	1.1	37
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