

Imran Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

459
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687220

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g-index

33
all docs

33
docs citations

33
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Robust Hybrid Beamforming Scheme for Millimeter-Wave Massive-MIMO 5G Wireless Networks. Symmetry, 2019, 11, 1424.	1.1	38
3	Spectral and Energy Efficient Low-Overhead Uplink and Downlink Channel Estimation for 5G Massive MIMO Systems. Entropy, 2018, 20, 92.	1.1	37
4	An Internet of Things Based Bed-Egress Alerting Paradigm Using Wearable Sensors in Elderly Care Environment. Sensors, 2019, 19, 2498.	2.1	36
5	Solar PV Grid Power Flow Analysis. Sustainability, 2019, 11, 1744.	1.6	30
6	Compressive Sensing-based Sparsity Adaptive Channel Estimation for 5G Massive MIMO Systems. Applied Sciences (Switzerland), 2018, 8, 754.	1.3	24
7	An Efficient Precoding Scheme for Millimeter-Wave Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 927.	1.8	24
8	Adaptive Edge Preserving Weighted Mean Filter for Removing Random-Valued Impulse Noise. Symmetry, 2019, 11, 395.	1.1	21
9	Efficient Modulation Scheme for Intermediate Relay-Aided IoT Networks. Applied Sciences (Switzerland), 2020, 10, 2126.	1.3	19
10	Low-Complexity Channel Estimation in 5G Massive MIMO-OFDM Systems. Symmetry, 2019, 11, 713.	1.1	18
11	Energy-balance node-selection algorithm for heterogeneous wireless sensor networks. ETRI Journal, 2018, 40, 604-612.	1.2	14
12	Computationally Efficient Channel Estimation in 5G Massive Multiple-Input Multiple-output Systems. Electronics (Switzerland), 2018, 7, 382.	1.8	14
13	Hybrid Particle Swarm Algorithm for Productsâ€™ Scheduling Problem in Cellular Manufacturing System. Symmetry, 2019, 11, 729.	1.1	14
14	A Robust Channel Estimation Scheme for 5G Massive MIMO Systems. Wireless Communications and Mobile Computing, 2019, 2019, 1-8.	0.8	14
15	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
16	Modeling and Analysis of Wearable Antennas. Electronics (Switzerland), 2019, 8, 7.	1.8	11
17	An optimized algorithm for optimal power flow based on deep learning. Energy Reports, 2021, 7, 2113-2124.	2.5	11
18	LS-Solar-PV System Impact on Line Protection. Electronics (Switzerland), 2019, 8, 226.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Bat algorithm-based beamforming for mmWave massive MIMO systems. International Journal of Communication Systems, 2020, 33, e4182.	1.6	9
20	An Efficient Precoding Algorithm for mmWave Massive MIMO Systems. Symmetry, 2019, 11, 1099.	1.1	8
21	An Artificial Bee Colony Algorithm Based on a Multi-Objective Framework for Supplier Integration. Applied Sciences (Switzerland), 2019, 9, 588.	1.3	8
22	A Robust Decentralized Power Flow Optimization for Dynamic PV System. IEEE Access, 2019, 7, 63789-63800.	2.6	7
23	A Joint Approach for Low-Complexity Channel Estimation in 5G Massive MIMO Systems. Electronics (Switzerland), 2018, 7, 218.	1.8	6
24	Channel modeling and analysis of OWC-massive MIMO systems. Optics Communications, 2019, 434, 209-217.	1.0	6
25	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
26	Efficient Pilot Decontamination Schemes in 5G Massive MIMO Systems. Electronics (Switzerland), 2019, 8, 55.	1.8	5
27	A Novel Multi-User Codebook Design for 5G in 3D-MIMO Heterogeneous Networks. Electronics (Switzerland), 2018, 7, 144.	1.8	4
28	An Efficient Algorithm for mmWave MIMO Systems. Symmetry, 2019, 11, 786.	1.1	4
29	An Efficient Algorithm for Power Flow Optimization in PV Inverters Systems. Electric Power Components and Systems, 2020, 48, 1362-1377.	1.0	4
30	Matrix inversion-less direct decoding for efficient channel estimation in fifth-generation massive MIMO systems. IET Communications, 2020, 14, 865-871.	1.5	3
31	An Efficient Channel Estimation Scheme for mmWave Massive MIMO Systems. , 2019, , .		2
32	An Efficient Method for Offset Mitigation in Free-Space Optical Systems. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	1
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