

Shahzad Ali Malik

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

355
citations

1163117

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794594

19
g-index

23
all docs

23
docs citations

23
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Fog/Edge Computing-Based IoT (FECIoT): Architecture, Applications, and Research Issues. IEEE Internet of Things Journal, 2019, 6, 4118-4149.	8.7	175
2	Vertical Handover Necessity Estimation Based on a New Dwell Time Prediction Model for Minimizing Unnecessary Handovers to a WLAN Cell. Wireless Personal Communications, 2013, 71, 1217-1230.	2.7	23
3	An Optimal Relay Scheme for Outage Minimization in Fog-Based Internet-of-Things (IoT) Networks. IEEE Internet of Things Journal, 2019, 6, 3044-3054.	8.7	18
4	Analysis of Efficient Spectrum Handoff in a Multi-Class Hybrid Spectrum Access Cognitive Radio Network Using Markov Modelling. Sensors, 2019, 19, 4120.	3.8	17
5	Iris localization based on the Hough transform, a radial-gradient operator, and the gray-level intensity. Optik, 2013, 124, 5976-5985.	2.9	16
6	Efficient Channel Allocation using Matching Theory for QoS Provisioning in Cognitive Radio Networks. Sensors, 2020, 20, 1872.	3.8	15
7	GPU-Accelerated Self-Calibrating GRAPPA Operator Gridding for Rapid Reconstruction of Non-Cartesian MRI Data. Applied Magnetic Resonance, 2017, 48, 1055-1074.	1.2	10
8	cDERSA: Cognitive D2D Enabled Relay Selection Algorithm to Mitigate Blind-Spots in 5G Cellular Networks. IEEE Access, 2021, 9, 89972-89988.	4.2	10
9	Enhanced Spectrum Access for QoS Provisioning in Multi-Class Cognitive D2D Communication System. IEEE Access, 2021, 9, 33608-33624.	4.2	9
10	A Comparative Analysis of PID, Lead, Lag, Lead-Lag, and Cascaded Lead Controllers for a Drug Infusion System. Journal of Healthcare Engineering, 2017, 2017, 1-13.	1.9	8
11	Spectrum Handoff based on Imperfect Channel State Prediction Probabilities with Collision Reduction in Cognitive Radio Ad Hoc Networks. Sensors, 2019, 19, 4741.	3.8	7
12	Resource Allocation in Spectrum Access System Using Multi-Objective Optimization Methods. Sensors, 2022, 22, 1318.	3.8	7
13	Design and Evaluation of Self Organizing, Collision Free MAC Protocol for Distributed Cognitive Radio Networks. Wireless Personal Communications, 2018, 99, 1081-1101.	2.7	6
14	Iterative Schemes to Solve Low-Dimensional Calibration Equations in Parallel MR Image Reconstruction with GRAPPA. BioMed Research International, 2017, 2017, 1-16.	1.9	5
15	Evaluation of capabilities of open source Cognitive radio network simulators. , 2017, , .		4
16	A novel model for minimizing unnecessary handover in heterogeneous networks. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 1771-1782.	1.4	4
17	Efficient idle channel discovery mechanism through cooperative parallel sensing in cognitive radio network. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	4
18	Self-Organized Efficient Spectrum Management through Parallel Sensing in Cognitive Radio Network. Wireless Communications and Mobile Computing, 2021, 2021, 1-22.	1.2	4

#	ARTICLE	IF	CITATIONS
19	A new method for handover triggering condition estimation. IEICE Electronics Express, 2012, 9, 378-384.	0.8	3
20	Adaptive Spectrum Handoff Scheme in Cognitive Radio Ad-Hoc Networks. , 2018, , .		3
21	QoS-Oriented Optimal Relay Selection in Cognitive Radio Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-15.	1.2	3
22	Comparison of Two Nonlinear Control Strategies for Hypnosis Regulation. Arabian Journal for Science and Engineering, 2017, 42, 5165-5178.	3.0	2
23	Optimal Resource Allocation for GAA Users in Spectrum Access System Using Q-Learning Algorithm. IEEE Access, 2022, 10, 60790-60804.	4.2	2