

# Shahzad Ali Malik

## List of Publications by Year in descending order

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23  
papers

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citations

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times ranked

461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resource Allocation in Spectrum Access System Using Multi-Objective Optimization Methods. <i>Sensors</i> , 2022, 22, 1318.	3.8	7
2	Optimal Resource Allocation for GAA Users in Spectrum Access System Using Q-Learning Algorithm. <i>IEEE Access</i> , 2022, 10, 60790-60804.	4.2	2
3	cDERSA: Cognitive D2D Enabled Relay Selection Algorithm to Mitigate Blind-Spots in 5G Cellular Networks. <i>IEEE Access</i> , 2021, 9, 89972-89988.	4.2	10
4	Enhanced Spectrum Access for QoS Provisioning in Multi-Class Cognitive D2D Communication System. <i>IEEE Access</i> , 2021, 9, 33608-33624.	4.2	9
5	QoS-Oriented Optimal Relay Selection in Cognitive Radio Networks. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-15.	1.2	3
6	Self-Organized Efficient Spectrum Management through Parallel Sensing in Cognitive Radio Network. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-22.	1.2	4
7	Efficient Channel Allocation using Matching Theory for QoS Provisioning in Cognitive Radio Networks. <i>Sensors</i> , 2020, 20, 1872.	3.8	15
8	Analysis of Efficient Spectrum Handoff in a Multi-Class Hybrid Spectrum Access Cognitive Radio Network Using Markov Modelling. <i>Sensors</i> , 2019, 19, 4120.	3.8	17
9	Spectrum Handoff based on Imperfect Channel State Prediction Probabilities with Collision Reduction in Cognitive Radio Ad Hoc Networks. <i>Sensors</i> , 2019, 19, 4741.	3.8	7
10	Fog/Edge Computing-Based IoT (FECIoT): Architecture, Applications, and Research Issues. <i>IEEE Internet of Things Journal</i> , 2019, 6, 4118-4149.	8.7	175
11	An Optimal Relay Scheme for Outage Minimization in Fog-Based Internet-of-Things (IoT) Networks. <i>IEEE Internet of Things Journal</i> , 2019, 6, 3044-3054.	8.7	18
12	Design and Evaluation of Self Organizing, Collision Free MAC Protocol for Distributed Cognitive Radio Networks. <i>Wireless Personal Communications</i> , 2018, 99, 1081-1101.	2.7	6
13	A novel model for minimizing unnecessary handover in heterogeneous networks. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2018, 26, 1771-1782.	1.4	4
14	Efficient idle channel discovery mechanism through cooperative parallel sensing in cognitive radio network. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018, 2018, .	2.4	4
15	Adaptive Spectrum Handoff Scheme in Cognitive Radio Ad-Hoc Networks. , 2018, , .		3
16	GPU-Accelerated Self-Calibrating GRAPPA Operator Gridding for Rapid Reconstruction of Non-Cartesian MRI Data. <i>Applied Magnetic Resonance</i> , 2017, 48, 1055-1074.	1.2	10
17	Evaluation of capabilities of open source Cognitive radio network simulators. , 2017, , .		4
18	A Comparative Analysis of PID, Lead, Lag, Lead-Lag, and Cascaded Lead Controllers for a Drug Infusion System. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-13.	1.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	Comparison of Two Nonlinear Control Strategies for Hypnosis Regulation. Arabian Journal for Science and Engineering, 2017, 42, 5165-5178.	3.0	2
21	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
22	Iris localization based on the Hough transform, a radial-gradient operator, and the gray-level intensity. Optik, 2013, 124, 5976-5985.	2.9	16
23	A new method for handover triggering condition estimation. IEICE Electronics Express, 2012, 9, 378-384.	0.8	3