

Rashid A Saeed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123
papers

761
citations

13
h-index

22
g-index

162
ext. papers

1,124
ext. citations

2.4
avg, IF

4.74
L-index

#	Paper	IF	Citations
123	Performance Evaluation of Downlink Coordinated Multipoint Joint Transmission under Heavy IoT Traffic Load. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-16	1.9	0
122	Preserving Privacy of User Identity Based on Pseudonym Variable in 5G. <i>Computers, Materials and Continua</i> , 2022 , 70, 5551-5568	3.9	2
121	An Efficient HAPS Cross-Layer Design to Mitigate COVID-19 Consequences. <i>Intelligent Automation and Soft Computing</i> , 2022 , 31, 43-59	2.6	3
120	Scheduling Algorithm for Grid Computing Using Shortest Job First with Time Quantum. <i>Intelligent Automation and Soft Computing</i> , 2022 , 31, 581-590	2.6	2
119	Cyber-Physical System for Smart Grid 2022 , 325-347		
118	Blockchain for IoT-Based Cyber-Physical Systems (CPS): Applications and Challenges. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 81-111	0.4	
117	A comprehensive review on the users' identity privacy for 5G networks. <i>IET Communications</i> , 2022 , 16, 384-399	1.3	1
116	Vehicle Detection for Vision-Based Intelligent Transportation Systems Using Convolutional Neural Network Algorithm. <i>Journal of Advanced Transportation</i> , 2022 , 2022, 1-11	1.9	0
115	A Novel Variable Pseudonym Scheme for Preserving Privacy User Location in 5G Networks. <i>Security and Communication Networks</i> , 2022 , 2022, 1-11	1.9	0
114	Internet of vehicle's resource management in 5G networks using AI technologies: Current status and trends. <i>IET Communications</i> , 2022 , 16, 400-420	1.3	6
113	Deep and Reinforcement Learning Technologies on Internet of Vehicle (IoV) Applications: Current Issues and Future Trends. <i>Journal of Advanced Transportation</i> , 2022 , 2022, 1-16	1.9	1
112	Optimal path planning for drones based on swarm intelligence algorithm. <i>Neural Computing and Applications</i> , 2022 , 34, 10133	4.8	1
111	Measurement and Simulation-based Exposure Assessment at a Far-Field for a Multi-Technology Cellular Site up to 5G NR. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
110	Machine Learning in Healthcare. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022 , 1-38	0.2	
109	An Empirical Model to Predict the Diabetic Positive Using Stacked Ensemble Approach.. <i>Frontiers in Public Health</i> , 2021 , 9, 792124	6	1
108	5G Base Station Deployment Review for RF Radiation 2021 ,		2
107	A review on security threats, vulnerabilities, and counter measures of 5G enabled Internet-of-Medical-Things. <i>IET Communications</i> , 2021 ,	1.3	9

106	Joint power control and user grouping for uplink power domain non-orthogonal multiple access. <i>International Journal of Distributed Sensor Networks</i> , 2021 , 17, 155014772110574	1.7	2
105	Quality of Services Based on Intelligent IoT WLAN MAC Protocol Dynamic Real-Time Applications in Smart Cities. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 2287531	3	2
104	Machine Learning Technologies for Secure Vehicular Communication in Internet of Vehicles: Recent Advances and Applications. <i>Security and Communication Networks</i> , 2021 , 2021, 1-23	1.9	22
103	Identity Division Multiplexing Based Location Preserve in 5G 2021 ,		1
102	Design and Implementation of Multilayer GIS Framework in Natural Resources Management: Red Sea Area. <i>Complexity</i> , 2021 , 2021, 1-10	1.6	1
101	Analysis and challenges of robust E-exams performance under COVID-19. <i>Results in Physics</i> , 2021 , 23, 103987	3.7	8
100	Artificial intelligence in IoT and its applications 2021 , 33-58		2
99	Smart IDS and IPS for Cyber-Physical Systems. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2021 , 109-136	0.4	1
98	Industry 5.0: Ethereum blockchain technology based DApp smart contract. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 7010-7027	2.1	10
97	Resource Management in Vehicular Cloud Computing 2021 , 2448-2470		2
96	Machine Learning for Industrial IoT Systems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2021 , 336-358	0.4	0
95	Enhanced Differential Crossover and Quantum Particle Swarm Optimization for IoT Applications. <i>IEEE Access</i> , 2021 , 9, 93831-93846	3.5	14
94	. <i>IEEE Access</i> , 2021 , 9, 48010-48022	3.5	9
93	Cyber-Physical System for Smart Grid. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2021 , 301-323	0.4	1
92	An Enhanced Cooperative Communication Scheme for Physical Uplink Shared Channel in NB-IoT. <i>Wireless Personal Communications</i> , 2021 , 120, 2367-2386	1.9	5
91	A Systematic Review on Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. <i>Sustainability</i> , 2021 , 13, 338	3.6	32
90	Deep Learning Approaches for IoV Applications and Services. <i>Internet of Things</i> , 2021 , 253-291	1.3	3
89	Machine learning techniques in internet of UAVs for smart cities applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-24	1.6	2

88	Distributed SC-FDMA sub-carrier assignment for digital mobile satellite. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 4973-4980	6.1	2
87	Machine Learning in Cyber-Physical Systems in Industry 4.0. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2021 , 20-41	0.4	4
86	A Novel Enhanced Quantum PSO for Optimal Network Configuration in Heterogeneous Industrial IoT. <i>IEEE Access</i> , 2021 , 1-1	3.5	6
85	Machine Learning Technologies in Internet of Vehicles. <i>Internet of Things</i> , 2021 , 225-252	1.3	7
84	Pseudonym Mutable Based Privacy for 5G User Identity. <i>Computer Systems Science and Engineering</i> , 2021 , 39, 1-14	3.9	4
83	Algorithms Optimization for Intelligent IoV Applications. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2021 , 1-25	0.4	3
82	Digital System Design for Quantum Error Correction Codes.. <i>Contrast Media and Molecular Imaging</i> , 2021 , 2021, 1101911	3.2	
81	A Review of EMF Radiation for 5G Mobile Communication Systems 2021 ,		2
80	Optimizing Energy Consumption for Cloud Internet of Things. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	10
79	Water quality assessment of lower Jhelum canal in Pakistan by using geographic information system (GIS). <i>Groundwater for Sustainable Development</i> , 2020 , 10, 100357	6	16
78	NB-IoT: concepts, applications, and deployment challenges 2020 , 119-144		11
77	Energy optimization in low-power wide area networks by using heuristic techniques 2020 , 199-223		11
76	Evaluation of Performance Enhancement of OFDM Based on Cross Layer Design (CLD) IEEE 802.11p Standard for Vehicular Ad-hoc Networks (VANETs), City Sce. <i>International Journal of Signal Processing Systems</i> , 2020 , 8, 1-7	2	6
75	Challenges and Opportunities in Vehicular Cloud Computing 2019 , 2168-2185		9
74	Preserving Privacy of Paging Procedure in 5thG Using Identity-Division Multiplexing 2019 ,		1
73	Challenges and Opportunities in Vehicular Cloud Computing. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 57-74	0.3	4
72	Resource Management in Vehicular Cloud Computing. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 75-97	0.3	3
71	V2V Communication Protocols in Cloud-Assisted Vehicular Networks. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 125-150	0.3	5

70	Cross Layer Design Approach for Efficient Data Delivery Based on IEEE 802.11P in Vehicular Ad-Hoc Networks (VANETS) for City Scenarios. <i>International Journal on AdHoc Networking Systems</i> , 2018 , 8, 01-12		4
69	Performance Evaluation of MIMO FSO Communication with Gamma-Gamma Turbulence Channel using Diversity Techniques 2018 ,		3
68	Multiple Physical Layer Pipes performance for DVB-T2 2017 ,		1
67	Real time CAMSHIFT tracking algorithm using TMS320DM6437 EVM 2017 ,		1
66	Web-based GIS Business Hotels Tourism Sites in Khartoum, Sudan 2017 ,		6
65	Mobility Routing Model for Vehicular Ad-hoc Networks (VANETs), Smart City Scenarios. <i>Vehicular Communications</i> , 2017 , 9, 154-161	5-7	29
64	Fault Tracking Framework for Software-Defined Networking (SDN). <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2017 , 247-272	0.2	1
63	Vehicular Ad-hoc Networks (VANETs) dynamic performance estimation routing model for city scenarios 2016 ,		7
62	Evaluation and analysis of an enhanced hybrid wireless mesh protocol for vehicular ad hoc network. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3-2	15
61	Dynamic packet beaconing for GPSR mobile ad hoc position-based routing protocol using fuzzy logic. <i>Journal of Network and Computer Applications</i> , 2015 , 47, 32-46	7-9	31
60	Real-time personalized stress detection from physiological signals 2015 ,		4
59	Cluster-based time synchronisation scheme for femtocell network. <i>International Journal of Mobile Communications</i> , 2015 , 13, 567	1-2	5
58	Performance evaluation of an Enhanced Hybrid Wireless Mesh Protocol (E-HWMP) protocol for VANET 2015 ,		3
57	Fast and secure generating and exchanging a symmetric keys with different key size in TVWS 2015 ,		3
56	2015 ,		1
55	Energy consumption in wireless sensor node 2015 ,		2
54	Throughput Enhancement for WLAN TV White Space in Coexistence of IEEE 802.22. <i>Indian Journal of Science and Technology</i> , 2015 , 8,	1	3
53	A Comparative Study of Simulation Based Performance Evaluation of Routing Protocol for Ad-Hoc Networks. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 215-221	0.2	2

52 Machine-to-Machine Communications **2015**, 6195-6206

51 Effect of mobility parameters on the inaccuracy of the position information of position-based MANET routing. *International Journal of Wireless and Mobile Computing*, **2014**, 7, 68 0.4 2

50 Vehicular Communication and Cellular Network Integration: Gateway Selection Perspective **2014**, 2

49 Dual-Band Microstrip Patch Antenna Design Using C-Slot for WiFi and WiMax Applications **2014**, 4

48 Simplified gateway selection scheme for multihop relay in vehicular ad hoc network. *International Journal of Communication Systems*, **2014**, 27, 3855-3873 1.7 18

47 Quality of images acquired with and without grid in digital mammography. *Radiological Physics and Technology*, **2014**, 7, 109-13 1.7

46 Inter-cell interference coordination in LTE-A HetNets: A survey on self organizing approaches **2013**, 8

45 Reconfigurable dual band antenna for 2.4 and 3.5GHz using single PIN diode **2013**, 6

44 An enhanced hybrid wireless mesh protocol (E-HWMP) protocol for multihop vehicular communications **2013**, 10

43 Lightweight inter-cluster synchronization scheme for femtocell network **2013**, 1

42 3D fluidstructure modelling and vibration analysis for fault diagnosis of Francis turbine using multiple ANN and multiple ANFIS. *Mechanical Systems and Signal Processing*, **2013**, 34, 259-276 7.8 32

41 Study on Energy Detection-based Cooperative Sensing in Cognitive Radio Networks. *Journal of Networks*, **2013**, 8, 3

40 Reliable Buffering Management Algorithm Support for Multicast Protocol in Mobile Ad-hoc Networks. *Journal of Communications*, **2013**, 8, 136-150 0.5 1

39 . *IEEE Wireless Communications*, **2012**, 19, 10-22 13.4 106

38 Design and analysis of triple-band microstrip patch antenna with h-shaped slots **2012**, 2

37 Crack identification in curvilinear beams by using ANN and ANFIS based on natural frequencies and frequency response functions. *Neural Computing and Applications*, **2012**, 21, 1629-1645 4.8 24

36 Inter-cluster synchronization scheme for femtocell network **2012**, 3

35 **2012**, 2

34	Intra-cluster synchronization scheme for femtocell network 2012 ,		3
33	Micro mobility scheme in NEMO to support seamless handoff 2012 ,		1
32	Cluster-based multi-hop vehicular communication with multi-metric optimization 2012 ,		9
31	Route optimization scenario of a new scheme based on nested mobile network 2012 ,		3
30	TV white spaces spectrum sensing: Recent developments, opportunities and challenges 2012 ,		2
29	Evaluation of MANEMO route optimization schemes. <i>Journal of Network and Computer Applications</i> , 2012 , 35, 1454-1472	7.9	2
28	Macro mobility scheme in NEMO to support seamless handoff 2012 ,		3
27	2012 ,		1
26	The Comparison between WLAN and Femtocell. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2012 , 34-53	0.2	
25	A Framework of a Route Optimization Scheme for Nested Mobile Network. <i>Lecture Notes in Computer Science</i> , 2012 , 689-696	0.9	1
24	An investigation of femtocell network synchronization 2011 ,		6
23	WiFi/WiMAX Seamless Convergence with Adaptive Vertical Handover for Continuity of Internet Access. <i>Advances in Internet of Things</i> , 2011 , 01, 32-37	2.6	0
22	Leveraging Sensing and Geo-Location Database in TVWS Incumbent Protection 2011 , 353-374		
21	Spectrum Sensing in TV White Space 2011 , 283-302		
20	WiMAX, LTE, and WiFi Interworking. <i>Journal of Computer Systems, Networks, and Communications</i> , 2010 , 2010, 1-2		2
19	2010 ,		1
18	The challenges of wireless internet access in vehicular environments 2010 ,		4
17	Adaptive RS-group scheduling for WiMAX multihop relay 2010 ,		1

16	Design and evaluation of lightweight IEEE 802.11p-based TDMA MAC method for road side-to-vehicle communications 2010 ,			11
15	Modelling of flow-induced stresses in a Francis turbine runner. <i>Advances in Engineering Software</i> , 2010 , 41, 1245-1255	3.6		40
14	A joint PHY/MAC cross-layer design for UWB under power control. <i>Computers and Electrical Engineering</i> , 2010 , 36, 455-468	4.3		4
13	Dynamic hybrid automatic repeat request (DHARQ) for WiMAX [Mobile multihop relay using adaptive power control. <i>Computer Communications</i> , 2009 , 32, 806-813	5.1		1
12	Simplified model of the turbine runner blade. <i>Engineering Failure Analysis</i> , 2009 , 16, 2473-2484	3.2		21
11	Modelling of the Francis turbine runner in power stations. Part I: flow simulation study 2009 ,			3
10	2008 ,			7
9	Ultra-wideband local positioning for smart home applications 2006 ,			1
8	Ultra-wideband interference mitigation using cross-layer cognitive radio 2006 ,			1
7	Cognitive Radio Technology For Flexible Spectrum Sharing 2006 ,			2
6	Design of Microstrip Antenna for WLAN. <i>Journal of Applied Sciences</i> , 2004 , 5, 47-51	0.3		12
5	An Adaptive UWB Waveform with Spectral Sharing Capability			1
4	Ultra-wideband (UWB) geolocation in NLOS multipath fading environments			1
3	Cooperative Fusion Architecture-based Distributed Spectrum Sensing Under Rayleigh Fading Channel. <i>Wireless Personal Communications</i> ,1	1.9		2
2	Optimal deep learning based fusion model for biomedical image classification. <i>Expert Systems</i> ,e12764	2.1		8
1	Cluster mechanism for sensing data report using robust collaborative distributed spectrum sensing. <i>Cluster Computing</i> ,1	2.1		3