Rashid A Saeed

List of Publications by Year
in descending order

153 papers	1,882 citations	331642 21 h-index	361001 35 g-index
164 all docs	164 docs citations	164 times ranked	888 citing authors

#	Article	IF	Citations
1	Design of cultural emperor penguin optimizer for energy-efficient resource scheduling in green cloud computing environment. Cluster Computing, 2023, 26, 575-586.	5.0	9
2	Optimal deep learning based fusion model for biomedical image classification. Expert Systems, 2022, 39, e12764.	4.5	31
3	Cluster mechanism for sensing data report using robust collaborative distributed spectrum sensing. Cluster Computing, 2022, 25, 2541-2556.	5.0	9
4	Machine learning techniques in internet of UAVs for smart cities applications. Journal of Intelligent and Fuzzy Systems, 2022, 42, 3203-3226.	1.4	18
5	An Efficient HAPS Cross-Layer Design to Mitigate COVID-19 Consequences. Intelligent Automation and Soft Computing, 2022, 31, 43-59.	2.1	7
6	Optimized Tuned Deep Learning Model for Chronic Kidney Disease Classification. Computers, Materials and Continua, 2022, 70, 2097-2111.	1.9	14
7	Scheduling Algorithm for Grid Computing Using Shortest Job First with Time Quantum. Intelligent Automation and Soft Computing, 2022, 31, 581-590.	2.1	6
8	Cyber-Physical System for Smart Grid. , 2022, , 325-347.		0
9	An optimized link state routing protocol for real-time application over Vehicular Ad-hoc Network. AEJ - Alexandria Engineering Journal, 2022, 61, 4541-4556.	6.4	14
10	Preserving Privacy of User Identity Based on Pseudonym Variable in 5G. Computers, Materials and Continua, 2022, 70, 5551-5568.	1.9	9
11	Bilateral Coupled Epsilon Negative Metamaterial for Dual Band Wireless Communications. Computers, Materials and Continua, 2022, 71, 1263-1281.	1.9	3
12	A review on security threats, vulnerabilities, and counter measures of 5G enabled Internet‑of‑Medical‑Things. IET Communications, 2022, 16, 421-432.	2.2	90
13	Design of Automated Opinion Mining Model Using Optimized Fuzzy Neural Network. Computers, Materials and Continua, 2022, 71, 2543-2557.	1.9	5
14	Performance Evaluation of Downlink Coordinated Multipoint Joint Transmission under Heavy IoT Traffic Load. Wireless Communications and Mobile Computing, 2022, 2022, 1-16.	1.2	10
15	Cooperative Fusion Architecture-based Distributed Spectrum Sensing Under Rayleigh Fading Channel. Wireless Personal Communications, 2022, 124, 839-865.	2.7	10
16	Blockchain for IoT-Based Cyber-Physical Systems (CPS): Applications and Challenges. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 81-111.	0.7	5
17	A Drones Optimal Path Planning Based on Swarm Intelligence Algorithms. Computers, Materials and Continua, 2022, 72, 365-380.	1.9	1
18	A comprehensive review on the users' identity privacy for 5G networks. IET Communications, 2022, 16, 384-399.	2.2	18

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19	Vehicle Detection for Vision-Based Intelligent Transportation Systems Using Convolutional Neural Network Algorithm. Journal of Advanced Transportation, 2022, 2022, 1-11.	1.7	12
20	A Novel Variable Pseudonym Scheme for Preserving Privacy User Location in 5G Networks. Security and Communication Networks, 2022, 2022, 1-11.	1.5	12
21	Internet of vehicle's resource management in 5G networks using AI technologies: Current status and trends. IET Communications, 2022, 16, 400-420.	2.2	36
22	Deep and Reinforcement Learning Technologies on Internet of Vehicle (IoV) Applications: Current Issues and Future Trends. Journal of Advanced Transportation, 2022, 2022, 1-16.	1.7	16
23	Performance Evaluation of Uplink Shared Channel for Cooperative Relay based Narrow Band Internet of Things Network. , 2022, , .		3
24	Optimization Procedure for Intelligent Internet of Things Applications. , 2022, , .		5
25	Optimal path planning for drones based on swarm intelligence algorithm. Neural Computing and Applications, 2022, 34, 10133-10155.	5.6	35
26	Measurement and Simulation-Based Exposure Assessment at a Far-Field for a Multitechnology Cellular Site up to 5G NR. IEEE Access, 2022, 10, 56888-56900.	4.2	6
27	Machine Learning in Healthcare. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 1-38.	0.1	1
28	Efficient Energy Mechanism in Heterogeneous WSNs for Underground Mining Monitoring Applications. IEEE Access, 2022, 10, 72907-72924.	4.2	12
29	Machine Learning-Based Anomaly Detection Using K-Mean Array and Sequential Minimal Optimization. Electronics (Switzerland), 2022, 11, 2158.	3.1	15
30	PackerRobo: Model-based robot vision self supervised learning in CART. AEJ - Alexandria Engineering Journal, 2022, 61, 12549-12566.	6.4	15
31	Smart IDS and IPS for Cyber-Physical Systems. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 109-136.	0.5	4
32	Industry 5.0: Ethereum blockchain technology based DApp smart contract. Mathematical Biosciences and Engineering, 2021, 18, 7010-7027.	1.9	32
33	Resource Management in Vehicular Cloud Computing. , 2021, , 2448-2470.		2
34	Machine Learning for Industrial IoT Systems. Advances in Computational Intelligence and Robotics Book Series, 2021, , 336-358.	0.4	9
35	Enhanced Differential Crossover and Quantum Particle Swarm Optimization for IoT Applications. IEEE Access, 2021, 9, 93831-93846.	4.2	35
36	Development of Self-Synchronized Drones' Network Using Cluster-Based Swarm Intelligence Approach. IEEE Access, 2021, 9, 48010-48022.	4.2	27

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37	Cyber-Physical System for Smart Grid. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 301-323.	0.5	8
38	An Enhanced Cooperative Communication Scheme for Physical Uplink Shared Channel in NB-IoT. Wireless Personal Communications, 2021, 120, 2367-2386.	2.7	20
39	A Systematic Review on Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. Sustainability, 2021, 13, 338.	3.2	83
40	Deep Learning Approaches for IoV Applications and Services. Internet of Things, 2021, , 253-291.	1.7	15
41	Machine Learning Technologies for Secure Vehicular Communication in Internet of Vehicles: Recent Advances and Applications. Security and Communication Networks, 2021, 2021, 1-23.	1.5	72
42	Identity Division Multiplexing Based Location Preserve in 5G. , 2021, , .		5
43	Performance Analysis of LTE Codes System Using Various Modulation Techniques. , 2021, , .		2
44	Design and Implementation of Multilayer GIS Framework in Natural Resources Management: Red Sea Area. Complexity, 2021, 2021, 1-10.	1.6	1
45	Intelligent Internet of things in wireless networks. , 2021, , 135-162.		5
46	Analysis and challenges of robust E-exams performance under COVID-19. Results in Physics, 2021, 23, 103987.	4.1	29
47	Artificial intelligence in IoT and its applications. , 2021, , 33-58.		6
48	IoE Design Principles and Architecture. , 2021, , 145-170.		6
49	Distributed SC-FDMA sub-carrier assignment for digital mobile satellite. AEJ - Alexandria Engineering Journal, 2021, 60, 4973-4980.	6.4	8
50	Machine Learning in Cyber-Physical Systems in Industry 4.0. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 20-41.	0.5	12
51	A Novel Enhanced Quantum PSO for Optimal Network Configuration in Heterogeneous Industrial IoT. IEEE Access, 2021, 9, 134022-134036.	4.2	23
52	Machine Learning Technologies in Internet of Vehicles. Internet of Things, 2021, , 225-252.	1.7	18
53	Pseudonym Mutable Based Privacy for 5G User Identity. Computer Systems Science and Engineering, 2021, 39, 1-14.	2.4	14
54	Algorithms Optimization for Intelligent IoV Applications. Advances in Computational Intelligence and Robotics Book Series, 2021, , 1-25.	0.4	8

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55	Quality of Services Based on Intelligent IoT WLAN MAC Protocol Dynamic Real-Time Applications in Smart Cities. Computational Intelligence and Neuroscience, 2021, 2021, 1-20.	1.7	14
56	5G Base Station Deployment Review for RF Radiation. , 2021, , .		5
57	Joint power control and user grouping for uplink power domain non-orthogonal multiple access. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110574.	2.2	13
58	An Empirical Model to Predict the Diabetic Positive Using Stacked Ensemble Approach. Frontiers in Public Health, 2021, 9, 792124.	2.7	11
59	Digital System Design for Quantum Error Correction Codes. Contrast Media and Molecular Imaging, 2021, 2021, 1-8.	0.8	0
60	A Review of EMF Radiation for 5G Mobile Communication Systems. , 2021, , .		5
61	Optimizing Energy Consumption for Cloud Internet of Things. Frontiers in Physics, 2020, 8, .	2.1	34
62	Water quality assessment of lower Jhelum canal in Pakistan by using geographic information system (GIS). Groundwater for Sustainable Development, 2020, 10, 100357.	4.6	32
63	NB-IoT: concepts, applications, and deployment challenges. , 2020, , 119-144.		22
64	Energy optimization in low-power wide area networks by using heuristic techniques. , 2020, , 199-223.		24
65	Evaluation of Performance Enhancement of OFDM Based on Cross Layer Design (CLD) IEEE 802.11p Standard for Vehicular Ad-hoc Networks (VANETs), City Sce. International Journal of Signal Processing Systems, 2020, 8, 1-7.	0.4	7
66	A framework for Sudanese Arabic â€" English Mixed Speech Processing. , 2020, , .		0
67	Rain Attenuation Models for Mobile Satellite Communication in Sudan. , 2020, , .		0
68	Preserving Privacy Location in 5G by Using Variable Pseudonym. Transactions on Networks and Communications, 2020, 8, 10-25.	0.2	0
69	Preserving Privacy of Paging Procedure in 5thG Using Identity-Division Multiplexing. , 2019, , .		4
70	Challenges and Opportunities in Vehicular Cloud Computing. , 2019, , 2168-2185.		14
71	Performance Evaluation of MIMO FSO Communication with Gamma-Gamma Turbulence Channel using Diversity Techniques. , 2018, , .		6
72	Challenges and Opportunities in Vehicular Cloud Computing. Advances in Computer and Electrical Engineering Book Series, 2018, , 57-74.	0.3	7

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73	Resource Management in Vehicular Cloud Computing. Advances in Computer and Electrical Engineering Book Series, 2018, , 75-97.	0.3	4
74	V2V Communication Protocols in Cloud-Assisted Vehicular Networks. Advances in Computer and Electrical Engineering Book Series, 2018, , 125-150.	0.3	6
75	Cross Layer Design Approach for Efficient Data Delivery Based on IEEE 802.11P in Vehicular Ad-Hoc Networks (VANETS) for City Scenarios. International Journal on AdHoc Networking Systems, 2018, 8, 01-12.	0.7	9
76	Multiple Physical Layer Pipes performance for DVB-T2. , 2017, , .		1
77	Real time CAMSHIFT tracking algorithm using TMS320DM6437 EVM. , 2017, , .		1
78	Web-based GIS Business Hotels Tourism Sites in Khartoum, Sudan. , 2017, , .		6
79	Mobility Routing Model for Vehicular Ad-hoc Networks (VANETs), Smart City Scenarios. Vehicular Communications, 2017, 9, 154-161.	4.0	41
80	Public safety telecommunication interoperability two-way radio systems. , 2017, , .		1
81	Fault Tracking Framework for Software-Defined Networking (SDN). Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 247-272.	0.4	3
82	Public Safety Telecommunication Interoperability Two-way Radio Systems. International Journal of Innovative Research in Electronics and Communications, 2017, 4, .	0.0	0
83	Enhancement of Spectrum Detection in 5G Heterogeneous Network. International Journal of Future Generation Communication and Networking, 2017, 10, 65-74.	0.7	0
84	Vehicular Ad-hoc Networks (VANETs) dynamic performance estimation routing model for city scenarios. , 2016, , .		14
85	Evaluation and analysis of an enhanced hybrid wireless mesh protocol for vehicular ad hoc network. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	25
86	Real-time personalized stress detection from physiological signals. , 2015, , .		9
87	Cluster-based time synchronisation scheme for femtocell network. International Journal of Mobile Communications, 2015, 13, 567.	0.3	7
88	Performance evaluation of an Enhanced Hybrid Wireless Mesh Protocol (E-HWMP) protocol for VANET. , 2015, , .		4
89	Fast and secure generating and exchanging a symmetric keys with different key size in TVWS. , 2015, , .		3
90	A new method for fast image Histogram calculation. , 2015, , .		5

#	Article	IF	Citations
91	Energy consumption in wireless sensor node. , 2015, , .		4
92	Dynamic packet beaconing for GPSR mobile ad hoc position-based routing protocol using fuzzy logic. Journal of Network and Computer Applications, 2015, 47, 32-46.	9.1	49
93	A Comparative Study of Simulation Based Performance Evaluation of Routing Protocol for Ad-Hoc Networks. Lecture Notes in Electrical Engineering, 2015, , 215-221.	0.4	4
94	Throughput Enhancement for WLAN TV White Space in Coexistence of IEEE 802.22. Indian Journal of Science and Technology, 2015, 8, .	0.7	8
95	Vehicular Communication and Cellular Network Integration: Gateway Selection Perspective. , 2014, , .		6
96	Dual-Band Microstrip Patch Antenna Design Using C-Slot for WiFi and WiMax Applications. , 2014, , .		12
97	Simplified gateway selection scheme for multihop relay in vehicular <i>ad hoc</i> network. International Journal of Communication Systems, 2014, 27, 3855-3873.	2.5	22
98	Quality of images acquired with and without grid in digital mammography. Radiological Physics and Technology, 2014, 7, 109-113.	1.9	0
99	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.	0.2	4
100	Machine-to-Machine Communications. Advances in Information Quality and Management, 2014, , 6195-6206.	0.2	1
101	Inter-cell interference coordination in LTE-A HetNets: A survey on self organizing approaches. , 2013, , .		15
102	Reconfigurable dual band antenna for 2.4 and 3.5GHz using single PIN diode. , 2013, , .		9
103	An enhanced hybrid wireless mesh protocol (E-HWMP) protocol for multihop vehicular communications. , 2013, , .		14
104	Multicasting in network mobility using multicast anchor agent. , 2013, , .		0
105	Lightweight inter-cluster synchronization scheme for femtocell network. , 2013, , .		1
106	A review in interference analysis and management between hierarchical and flat architectures communications. , 2013, , .		0
107	3D fluidâ€"structure 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.	8.0	44
108	Multihoming based mobility management scheme in NEMO: A qualitative and quantitative analysis. , 2013, , .		1

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109	Study on Energy Detection-based Cooperative Sensing in Cognitive Radio Networks. Journal of Networks, 2013, 8, .	0.4	11
110	Reliable Buffering Management Algorithm Support for Multicast Protocol in Mobile Ad-hoc Networks. Journal of Communications, 2013, 8, 136-150.	1.6	8
111	Cluster-based synchronization scheme for femtocell network. , 2012, , .		2
112	Design and analysis of triple-band microstrip patch antenna with h-shaped slots. , 2012, , .		3
113	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.	5.6	30
114	Inter-cluster synchronization scheme for femtocell network. , 2012, , .		4
115	TVBDs coexistence by leverage sensing and geo-location database. , 2012, , .		7
116	Intra-cluster synchronization scheme for femtocell network. , 2012, , .		4
117	Micro mobility scheme in NEMO to support seamless handoff. , 2012, , .		7
118	Cluster-based multi-hop vehicular communication with multi-metric optimization. , 2012, , .		17
119	Route optimization scenario of a new scheme based on nested mobile network. , 2012, , .		5
120	Design a new confidant protocol for master mode TV band devices. , 2012, , .		0
121	TV white spaces spectrum sensing: Recent developments, opportunities and challenges. , 2012, , .		6
122	Evaluation of MANEMO route optimization schemes. Journal of Network and Computer Applications, 2012, 35, 1454-1472.	9.1	6
123	Macro mobility scheme in NEMO to support seamless handoff. , 2012, , .		6
124	Developing a standard for TV white space coexistence: technical challenges and solution approaches. IEEE Wireless Communications, 2012, 19, 10-22.	9.0	166
125	The Comparison between WLAN and Femtocell. Advances in Wireless Technologies and Telecommunication Book Series, 2012, , 34-53.	0.4	0
126	A Framework of a Route Optimization Scheme for Nested Mobile Network. Lecture Notes in Computer Science, 2012, , 689-696.	1.3	1

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127	Review on Current Transport Layer Protocols for TCP/IP Model. International Journal of Digital Content Technology and Its Applications, 2012, 6, 495-503.	0.1	7
128	Cluster-based Multihop Synchronization Scheme for Femtocell Network. IIUM Engineering Journal, 2012, 13, .	0.8	1
129	Evaluation of NEMO-based approaches for route optimization. , 2011, , .		1
130	An investigation of femtocell network synchronization. , 2011, , .		13
131	WiFi/WiMAX Seamless Convergence with Adaptive Vertical Handover for Continuity of Internet Access. Advances in Internet of Things, 2011, 01, 32-37.	2.2	4
132	Leveraging Sensing and Geo-Location Database in TVWS Incumbent Protection. , 2011, , 353-374.		0
133	Spectrum Sensing in TV White Space. , 2011, , 283-302.		0
134	Modelling of flow-induced stresses in a Francis turbine runner. Advances in Engineering Software, 2010, 41, 1245-1255.	3.8	45
135	A joint PHY/MAC cross-layer design for UWB under power control. Computers and Electrical Engineering, 2010, 36, 455-468.	4.8	6
136	WiMAX, LTE, and WiFi Interworking. Journal of Computer Systems, Networks, and Communications, 2010, 2010, 1-2.	1.2	7
137	Design of robust protocol to enhance QoS in mobile IPV6 environment. , 2010, , .		1
138	The challenges of wireless internet access in vehicular environments. , 2010, , .		6
139	Adaptive RS-group scheduling for WiMAX multihop relay. , 2010, , .		3
140	Design and evaluation of lightweight IEEE 802.11p-based TDMA MAC method for road side-to-vehicle communications. , 2010, , .		13
141	Dynamic hybrid automatic repeat request (DHARQ) for WiMAX â€" Mobile multihop relay using adaptive power control. Computer Communications, 2009, 32, 806-813.	5.1	3
142	Simplified model of the turbine runner blade. Engineering Failure Analysis, 2009, 16, 2473-2484.	4.0	21
143	Modelling of the Francis turbine runner in power stations. Part I: flow simulation study. WIT Transactions on the Built Environment, 2009, , .	0.0	3
144	WiFi/WiMAX Heterogeneous Seamless Handover. , 2008, , .		10

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145	Performance Analysis of Ultra-Wideband System in Presence of IEEE802.11a and UMTS/WCDMA Frequency Bands. , 2007, , .		1
146	Hybrid automatic repeat request for WiMAX - mobile multi-hop relay using co-channel cancellation. , 2007, , .		4
147	Ultra-wideband local positioning for smart home applications. , 2006, , .		3
148	Ultra-wideband interference mitigation using cross-layer cognitive radio. , 2006, , .		3
149	Cognitive Radio Technology For Flexible Spectrum Sharing. , 2006, , .		3
150	Design of Microstrip Antenna for WLAN. Journal of Applied Sciences, 2004, 5, 47-51.	0.3	18
151	Ultra-Wideband (UWB) Geolocation in NLOS Multipath Fading Environments. , 0, , .		2
152	Design of Single Fed Aperture Coupled Microstrip Antennas for WLAN. , 0, , .		4
153	An Adaptive UWB Waveform with Spectral Sharing Capability. , 0, , .		2