

Rafidah Md Noor

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.

101
papers

1,308
citations

21
h-index

29
g-index

118
ext. papers

1,716
ext. citations

3.3
avg, IF

5.19
L-index

#	Paper	IF	Citations
101	Campus Shuttle Bus Route Optimization Using Machine Learning Predictive Analysis: A Case Study. <i>Sustainability</i> , 2021 , 13, 225	3.6	5
100	A stream position performance analysis model based on DDoS attack detection for cluster-based routing in VANET. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 6599-6612	3.7	11
99	Multi-Objective Harris Hawks Optimization Algorithm Based 2-Hop Routing Algorithm for CR-VANET. <i>IEEE Access</i> , 2021 , 1-1	3.5	5
98	Aiding Traffic Prediction Servers through Self-Localization to Increase Stability in Complex Vehicular Clustering. <i>Complexity</i> , 2021 , 2021, 1-11	1.6	2
97	Spectrum sensing challenges & their solutions in cognitive radio based vehicular networks. <i>International Journal of Communication Systems</i> , 2021 , 34, e4748	1.7	7
96	An Experimental Study on D2D Route Selection Mechanism in 5G Scenarios. <i>Electronics (Switzerland)</i> , 2021 , 10, 387	2.6	0
95	Machine Learning-Based Cooperative Spectrum Sensing in Dynamic Segmentation Enabled Cognitive Radio Vehicular Network. <i>Energies</i> , 2021 , 14, 1169	3.1	5
94	A Secure, Privacy-Preserving, and Lightweight Authentication Scheme for VANETs. <i>IEEE Sensors Journal</i> , 2021 , 21, 20998-21011	4	6
93	Blockchain-Enabled Adaptive-Learning-Based Resource-Sharing Framework for IIoT Environment. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14746-14755	10.7	5
92	T-BCIDS: Trust-Based Collaborative Intrusion Detection System for VANET 2020 ,		8
91	Toward Sustainable Micro-Level Fog-Federated Load Sharing in Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3614-3622	10.7	7
90	Blockchain-Based Reputation Management for Task Offloading in Micro-Level Vehicular Fog Network. <i>IEEE Access</i> , 2020 , 8, 52968-52980	3.5	19
89	Survey and taxonomy of clustering algorithms in 5G. <i>Journal of Network and Computer Applications</i> , 2020 , 154, 102539	7.9	13
88	Comprehensive Survey of Machine Learning Approaches in Cognitive Radio-Based Vehicular Ad Hoc Networks. <i>IEEE Access</i> , 2020 , 8, 78054-78108	3.5	30
87	An Enhanced Two-factor Authentication Protocol for V2V Communication in VANETs 2020 ,		3
86	Performance Evaluation and Validation of QCM (Query Control Mechanism) for QoS-Enabled Layered-Based Clustering for Reactive Flooding in the Internet of Things. <i>Sensors</i> , 2020 , 20,	3.8	2
85	Process Migration-Based Computational Offloading Framework for IoT-Supported Mobile Edge/Cloud Computing. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4171-4182	10.7	28

84	Adapted stream region for packet marking based on DDoS attack detection in vehicular ad hoc networks. <i>Journal of Supercomputing</i> , 2020 , 76, 5948-5970	2.5	10
83	Prototype Development of IoT Based Smart Waste Management System for Smart City. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 884, 012051	0.4	5
82	Deep Reinforcement Learning for Traffic Signal Control: A Review. <i>IEEE Access</i> , 2020 , 8, 208016-208044	3.5	14
81	DistB-Condo: Distributed Blockchain-Based IoT-SDN Model for Smart Condominium. <i>IEEE Access</i> , 2020 , 8, 209594-209609	3.5	19
80	VANETs QoS-based routing protocols based on multi-constrained ability to support ITS infotainment services. <i>Wireless Networks</i> , 2020 , 26, 1685-1715	2.5	17
79	A Cooperative Heterogeneous Vehicular Clustering Mechanism for Road Traffic Management. <i>International Journal of Parallel Programming</i> , 2020 , 48, 870-889	1.5	9
78	Review on Security of Internet of Things Authentication Mechanism. <i>IEEE Access</i> , 2019 , 7, 151054-151089	3.5	41
77	Energy optimization of sustainable Internet of Things (IoT) systems using an energy harvesting medium access protocol. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 268, 012094	0.3	
76	A Survey on Simultaneous Wireless Information and Power Transfer With Cooperative Relay and Future Challenges. <i>IEEE Access</i> , 2019 , 7, 19166-19198	3.5	63
75	Infrastructure based spectrum sensing scheme in VANET using reinforcement learning. <i>Vehicular Communications</i> , 2019 , 18, 100161	5.7	6
74	An effective back-off selection technique for reliable beacon reception in VANETs. <i>International Journal of Communication Systems</i> , 2019 , 32, e4019	1.7	
73	Modeling Traffic Congestion Based on Air Quality for Greener Environment: An Empirical Study. <i>IEEE Access</i> , 2019 , 7, 57100-57119	3.5	8
72	Enhanced weight-based clustering algorithm to provide reliable delivery for VANET safety applications. <i>PLoS ONE</i> , 2019 , 14, e0214664	3.7	15
71	QoS Enabled Layered Based Clustering for Reactive Flooding in the Internet of Things. <i>Symmetry</i> , 2019 , 11, 634	2.7	1
70	Image splicing forgery detection based on low-dimensional singular value decomposition of discrete cosine transform coefficients. <i>Neural Computing and Applications</i> , 2019 , 31, 7867-7877	4.8	10
69	Towards Energy-Efficient RF-Enabled Sensor Networks in Internet of Things. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 205-215	0.4	
68	A Distributed Testbed for 5G Scenarios: An Experimental Study. <i>Sensors</i> , 2019 , 20,	3.8	4
67	Routing Schemes in VANETs: A Survey. <i>Sensors</i> , 2019 , 20,	3.8	28

66	A qualitative exploration on the awareness and knowledge of stakeholders towards Urban Heat Island phenomenon in Greater Kuala Lumpur: Critical insights for urban policy implications. <i>Habitat International</i> , 2019 , 86, 28-37	4.6	15
65	Time division multiple access scheduling strategies for emerging vehicular ad hoc network medium access control protocols: a survey. <i>Telecommunication Systems</i> , 2019 , 70, 595-616	2.3	9
64	LTE efficiency when used in traffic information systems: A stable interest aware clustering. <i>International Journal of Communication Systems</i> , 2019 , 32, e3853	1.7	7
63	Energy Management in RFID-Sensor Networks: Taxonomy and Challenges. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 250-266	10.7	24
62	Shapely Value Perspective on Adapting Transmit Power for Periodic Vehicular Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 977-986	6.1	24
61	Adaptive Beaconing Approaches for Vehicular Ad Hoc Networks: A Survey. <i>IEEE Systems Journal</i> , 2018 , 12, 1263-1277	4.3	50
60	Coverage Differentiation Based Adaptive Tx-Power for Congestion and Awareness Control in VANETs. <i>Mobile Networks and Applications</i> , 2018 , 23, 1194-1205	2.9	6
59	A Multivariant Stream Analysis Approach to Detect and Mitigate DDoS Attacks in Vehicular Ad Hoc Networks. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-13	1.9	16
58	Energy Management Techniques for RF-Enabled Sensor Networks Based on Internet of Things. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 53-63	0.2	
57	VANETITE based heterogeneous vehicular clustering for driving assistance and route planning applications. <i>Computer Networks</i> , 2018 , 145, 128-140	5.4	21
56	Towards a Better Approach for Link Breaks Detection and Route Repairs Strategy in AODV Protocol. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-9	1.9	5
55	Review on MANET Based Communication for Search and Rescue Operations. <i>Wireless Personal Communications</i> , 2017 , 94, 31-52	1.9	30
54	Cloud resource allocation schemes: review, taxonomy, and opportunities. <i>Knowledge and Information Systems</i> , 2017 , 50, 347-381	2.4	49
53	The Role of Vehicular Cloud Computing in Road Traffic Management: A Survey. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 123-131	0.2	7
52	Adaptive green traffic signal controlling using vehicular communication. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017 , 18, 373-393	2.2	15
51	Characterizing the role of vehicular cloud computing in road traffic management. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771770872	1.7	27
50	Multivariate statistical approach for estimating QoE of real-time multimedia applications in vehicular ITS network. <i>Computer Communications</i> , 2017 , 104, 88-107	5.1	8
49	Spectrum sensing in cognitive vehicular network: State-of-Art, challenges and open issues. <i>Computer Communications</i> , 2017 , 97, 15-30	5.1	28

48	Image splicing detection using singular value decomposition 2017 ,		1
47	The Feasibility of Employing IEEE802.11p in Electronic-Based Congestion Pricing Zone: A Comparative Study with RFID. <i>Malaysian Journal of Computer Science</i> , 2017 , 29, 247-261	1.2	3
46	Adaptive Contention Window Design to Minimize Synchronous Collisions in 802.11p Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 34-45	0.2	1
45	A Framework and Mathematical Modeling for the Vehicular Delay Tolerant Network Routing. <i>Mobile Information Systems</i> , 2016 , 2016, 1-14	1.4	1
44	A Lightweight Radio Propagation Model for Vehicular Communication in Road Tunnels. <i>PLoS ONE</i> , 2016 , 11, e0152727	3.7	11
43	Directory-based incentive management services for ad-hoc mobile clouds. <i>International Journal of Information Management</i> , 2016 , 36, 900-906	16.4	20
42	Multimedia augmented m-learning: Issues, trends and open challenges. <i>International Journal of Information Management</i> , 2016 , 36, 784-792	16.4	58
41	Computational offloading mechanism for native and android runtime based mobile applications. <i>Journal of Systems and Software</i> , 2016 , 121, 28-39	3.3	14
40	Network centric QoS performance evaluation of IPTV transmission quality over VANETs. <i>Computer Communications</i> , 2015 , 61, 34-47	5.1	10
39	A Survey on Obstacle Modeling Patterns in Radio Propagation Models for Vehicular Ad Hoc Networks. <i>Arabian Journal for Science and Engineering</i> , 2015 , 40, 1385-1407		9
38	A comparison study on SVD-based features in different transforms for image splicing detection 2015 ,		5
37	Green vehicle traffic routing system using ant-based algorithm. <i>Journal of Network and Computer Applications</i> , 2015 , 58, 294-308	7.9	30
36	Pixel value differencing steganography techniques: Analysis and open challenge 2015 ,		5
35	Robust watermarking algorithm for digital images using discrete wavelet and probabilistic neural network. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2015 , 27, 393-401	2.5	24
34	Survey on MANET Based Communication Scenarios for Search and Rescue Operations 2015 ,		10
33	Analyzing the impacts of velocity and density on intelligent position-based routing protocols. <i>Journal of Computational Science</i> , 2015 , 11, 177-184	3.4	6
32	Quality of service management for IPTV services support in VANETs: a performance evaluation study. <i>Wireless Networks</i> , 2015 , 21, 315-328	2.5	6
31	Performance analysis of V2V dynamic anchor position-based routing protocols. <i>Wireless Networks</i> , 2015 , 21, 911-929	2.5	14

30	Fractional Differential Texture Descriptors Based on the Machado Entropy for Image Splicing Detection. <i>Entropy</i> , 2015 , 17, 4775-4785	2.8	22
29	A Community-Based Approach for Link Prediction in Signed Social Networks. <i>Scientific Programming</i> , 2015 , 2015, 1-10	1.4	8
28	Mobile Botnet Attacks as an Emerging Threat: Classification, Review and Open Issues. <i>KSII Transactions on Internet and Information Systems</i> , 2015 , 9,	1.7	3
27	An adaptive overtaking maneuver assistant system using VANET 2014 ,		5
26	Ant-based vehicle congestion avoidance system using vehicular networks. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 36, 303-319	7.2	43
25	Unicast routing protocols for urban vehicular networks: review, taxonomy, and open research issues. <i>Journal of Zhejiang University: Science C</i> , 2014 , 15, 489-513		20
24	Cross-layer congestion control model for urban vehicular environments. <i>Journal of Network and Computer Applications</i> , 2014 , 44, 1-16	7.9	19
23	Ant colony optimisation for vehicle traffic systems: applications and challenges. <i>International Journal of Bio-Inspired Computation</i> , 2014 , 6, 32	2.9	31
22	Improving RLRN image splicing detection with the Use of PCA and kernel PCA. <i>Scientific World Journal, The</i> , 2014 , 2014, 606570	2.2	22
21	Intelligent advisory speed limit dedication in highway using VANET. <i>Scientific World Journal, The</i> , 2014 , 2014, 629412	2.2	7
20	Reduction of fuel consumption and exhaust pollutant using intelligent transport systems. <i>Scientific World Journal, The</i> , 2014 , 2014, 836375	2.2	24
19	Intelligent traffic signal control for urban central using Vehicular Ad-Hoc Network 2014 ,		3
18	A Dynamic Vehicular Traffic Control Using Ant Colony and Traffic Light Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 57-66	0.4	10
17	SVD-based image splicing detection 2014 ,		8
16	A novel improved neighbor discovery method for an Intelligent-AODV in Mobile Ad hoc Networks 2013 ,		6
15	An automatic speed violation detection framework for VANETs 2013 ,		5
14	Improvement of DSR routing protocol using TTL-based scheme in Mobile Ad Hoc Networks 2013 ,		4
13	A traffic control model on VANET environment for minimum road risk in a shortest way 2013 ,		1

12	Predictive location aided routing in Mobile Ad hoc Network 2013 ,		4
11	Towards Improving Vehicular Communication in Modern Vehicular Environment 2013 ,		7
10	A Generic Quantitative Relationship to Assess Interdependency of QoE and QoS. <i>KSII Transactions on Internet and Information Systems</i> , 2013 , 7, 327-346	1.7	11
9	Using VANET to support green vehicle communications for urban operation rescue 2012 ,		3
8	A generic quantitative relationship between quality of experience and packet loss in video streaming services 2012 ,		8
7	Stimulus-centric versus perception-centric relations in quality of experience assessment 2012 ,		1
6	Beacon-based geographic routing protocols in Vehicular Ad Hoc Networks: A survey and taxonomy 2012 ,		7
5	On QoS routing in Mobile WiMAX cognitive radio networks 2012 ,		3
4	A taxonomy for congestion control algorithms in Vehicular Ad Hoc Networks 2012 ,		16
3	Fuzzy-assisted social-based routing for urban vehicular environments. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011 , 2011,	3.2	19
2	2011 ,		1
1	A Comparative Performance Analysis on NEMO-QoS and MIPv6-QoS in Heterogeneous Environments. <i>Journal of Applied Sciences</i> , 2011 , 11, 3130-3141	0.3	2