

# Mahdi Zareei

## List of Publications by Citations

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71  
papers

848  
citations

17  
h-index

25  
g-index

76  
ext. papers

1,161  
ext. citations

3.1  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
71	A Secure Trust Model Based on Fuzzy Logic in Vehicular Ad Hoc Networks With Fog Computing. <i>IEEE Access</i> , <b>2017</b> , 5, 15619-15629	3.5	119
70	Clustering Analysis in Wireless Sensor Networks: The Ambit of Performance Metrics and Schemes Taxonomy. <i>International Journal of Distributed Sensor Networks</i> , <b>2016</b> , 12, 4979142	1.7	41
69	HoliTrust-A Holistic Cross-Domain Trust Management Mechanism for Service-Centric Internet of Things. <i>IEEE Access</i> , <b>2019</b> , 7, 52191-52201	3.5	40
68	A Trust-Based Energy-Efficient and Reliable Communication Scheme (Trust-Based ERCS) for Remote Patient Monitoring in Wireless Body Area Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 131397-131413	3.5	40
67	Cognitive Radio Ad-Hoc Network Architectures: A Survey. <i>Wireless Personal Communications</i> , <b>2015</b> , 81, 1117-1142	1.9	34
66	Mobility-aware medium access control protocols for wireless sensor networks: A survey. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 104, 21-37	7.9	33
65	On-Demand Hybrid Routing for Cognitive Radio Ad-Hoc Network. <i>IEEE Access</i> , <b>2016</b> , 4, 8294-8302	3.5	28
64	ABC-PSO for vertical handover in heterogeneous wireless networks. <i>Neurocomputing</i> , <b>2017</b> , 256, 63-81	5.4	25
63	Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. <i>IEEE Access</i> , <b>2020</b> , 8, 32187-32202	3.5	21
62	Energy-Effective Cooperative and Reliable Delivery Routing Protocols for Underwater Wireless Sensor Networks. <i>Energies</i> , <b>2019</b> , 12, 2630	3.1	21
61	Game Theory-Based Cooperation for Underwater Acoustic Sensor Networks: Taxonomy, Review, Research Challenges and Directions. <i>Sensors</i> , <b>2018</b> , 18,	3.8	20
60	Towards a Fog Enabled Efficient Car Parking Architecture. <i>IEEE Access</i> , <b>2019</b> , 7, 159100-159111	3.5	20
59	An Efficient Paradigm for Multiband WiGig D2D Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 70032-70045	3.5	19
58	Relay Probing for Millimeter Wave Multi-Hop D2D Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 30560-30574	3.5	19
57	. <i>IEEE Access</i> , <b>2020</b> , 8, 39982-39997	3.5	18
56	RARE: A Spectrum Aware Cross-Layer MAC Protocol for Cognitive Radio Ad-Hoc Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 22210-22227	3.5	18
55	Unsupervised color image segmentation: A case of RGB histogram based K-means clustering initialization. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240015	3.7	18

54	The effects of an Adaptive and Distributed Transmission Power Control on the performance of energy harvesting sensor networks. <i>Computer Networks</i> , <b>2018</b> , 137, 69-82	5.4	17
53	Medium Access Control Protocols for Cognitive Radio Ad Hoc Networks: A Survey. <i>Sensors</i> , <b>2017</b> , 17,	3.8	17
52	A Lightweight and Provable Secured Certificateless Signcryption Approach for Crowdsourced IIoT Applications. <i>Symmetry</i> , <b>2019</b> , 11, 1386	2.7	15
51	EMS-MAC: Energy Efficient Contention-Based Medium Access Control Protocol for Mobile Sensor Networks. <i>Computer Journal</i> , <b>2011</b> , 54, 1963-1972	1.3	15
50	A Priori Multiobjective Self-Adaptive Multi-Population Based Jaya Algorithm to Optimize DERs Operations and Electrical Tasks. <i>IEEE Access</i> , <b>2020</b> , 8, 181163-181175	3.5	14
49	Mobility-aware timeout medium access control protocol for wireless sensor networks. <i>AEU - International Journal of Electronics and Communications</i> , <b>2014</b> , 68, 1000-1006	2.8	13
48	In-Vehicle Cognitive Route Decision Using Fuzzy Modeling and Artificial Neural Network. <i>IEEE Access</i> , <b>2019</b> , 7, 20262-20272	3.5	12
47	CMCS: a cross-layer mobility-aware MAC protocol for cognitive radio sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2016</b> , 2016,	3.2	12
46	Energy Balanced Localization-Free Cooperative Noise-Aware Routing Protocols for Underwater Wireless Sensor Networks. <i>Energies</i> , <b>2019</b> , 12, 4263	3.1	12
45	A Trust Model Using Edge Nodes and a Cuckoo Filter for Securing VANET under the NLoS Condition. <i>Symmetry</i> , <b>2020</b> , 12, 609	2.7	11
44	Effective Demand Forecasting Model Using Business Intelligence Empowered With Machine Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 116013-116023	3.5	11
43	Spectrum aware cluster-based architecture for cognitive radio ad-hoc networks <b>2013</b> ,		10
42	A security and privacy scheme based on node and message authentication and trust in fog-enabled VANET. <i>Vehicular Communications</i> , <b>2021</b> , 29, 100335	5.7	9
41	Two-Hop Relay Probing in WiGig Device-to-Device Networks Using Sleeping Contextual Bandits. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1581-1585	5.9	8
40	Movie Review Summarization Using Supervised Learning and Graph-Based Ranking Algorithm. <i>Computational Intelligence and Neuroscience</i> , <b>2020</b> , 2020, 7526580	3	7
39	Enhancing the Performance of Energy Harvesting Sensor Networks for Environmental Monitoring Applications. <i>Energies</i> , <b>2019</b> , 12, 2794	3.1	7
38	A stable cluster-based architecture for cognitive radio ad-hoc networks <b>2014</b> ,		7
37	A comparative study of short range wireless sensor network on high density networks <b>2011</b> ,		7

36	Cryptanalysis and Improvement of a Proxy Signcryption Scheme in the Standard Computational Model. <i>IEEE Access</i> , <b>2020</b> , 8, 131188-131201	3.5	7
35	<b>2019</b> ,		6
34	Energy-Efficient Centrally Controlled Caching Contents for Information-Centric Internet of Things. <i>IEEE Access</i> , <b>2020</b> , 8, 126358-126369	3.5	6
33	Certificateless Proxy Reencryption Scheme (CPRES) Based on Hyperelliptic Curve for Access Control in Content-Centric Network (CCN). <i>Mobile Information Systems</i> , <b>2020</b> , 2020, 1-13	1.4	6
32	A Hybrid Prediction Model for Energy-Efficient Data Collection in Wireless Sensor Networks. <i>Symmetry</i> , <b>2020</b> , 12, 2024	2.7	6
31	Acute Myeloid Leukemia (AML) Detection Using AlexNet Model. <i>Complexity</i> , <b>2021</b> , 2021, 1-8	1.6	6
30	An Efficient and Secure Session Key Management Scheme in Wireless Sensor Network. <i>Complexity</i> , <b>2021</b> , 2021, 1-10	1.6	6
29	Joint Channel Assignment and Routing in Multiradio Multichannel Wireless Mesh Networks: Design Considerations and Approaches. <i>Journal of Computer Networks and Communications</i> , <b>2016</b> , 2016, 1-24	2.5	6
28	A Lightweight and Secure Attribute-Based Multi Receiver Generalized Signcryption Scheme for Body Sensor Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 200283-200304	3.5	5
27	Analysis for Disease Gene Association Using Machine Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 160616-160626	3.5	4
26	A novel on-demand routing protocol for cluster-based Cognitive Radio ad-hoc Network <b>2016</b> ,		4
25	. <i>IEEE Access</i> , <b>2021</b> , 9, 87219-87240	3.5	4
24	On the Design of Efficient Hierarchic Architecture for Software Defined Vehicular Networks. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
23	Dynamic spectrum allocation for cognitive radio ad hoc network <b>2015</b> ,		3
22	An Efficient and Secure Revocation-Enabled Attribute-Based Access Control for eHealth in Smart Society.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	3
21	Ant Lion Optimizer Based Clustering Algorithm for Wireless Body Area Networks in Livestock Industry. <i>IEEE Access</i> , <b>2021</b> , 9, 114495-114513	3.5	3
20	A novel node joining algorithm for spectrum aware cluster-based cognitive radio ad-hoc networks <b>2015</b> ,		2
19	Study of mobility effect on energy efficiency in medium access control protocols <b>2011</b> ,		2

18	Towards security automation in Software Defined Networks. <i>Computer Communications</i> , <b>2021</b> , 183, 64-64.	1	2
17	State-Aware Re-configuration Model for Multi-Radio Wireless Mesh Networks. <i>KSI Transactions on Internet and Information Systems</i> , <b>2016</b> , 11,	1.7	2
16	Construction of a Robust Clustering Algorithm for Cognitive Radio Ad-Hoc Network. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2015</b> , 759-766	0.2	2
15	Towards the Design of Efficient and Secure Architecture for Software-Defined Vehicular Networks. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
14	ABKS-PBM: Attribute-Based Keyword Search With Partial Bilinear Map. <i>IEEE Access</i> , <b>2021</b> , 9, 46313-46324.	3.5	2
13	. <i>IEEE Access</i> , <b>2021</b> , 9, 114392-114406	3.5	2
12	An Improved Identity-Based Generalized Signcryption Scheme for Secure Multi-Access Edge Computing Empowered Flying Ad Hoc Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 120704-120714	3.5	2
11	Cross-layer mobility-aware MAC protocol for cognitive radio sensor network <b>2015</b> ,		1
10	Enhanced mobile lightweight Medium Access Control protocol for wireless sensor networks <b>2011</b> ,		1
9	Modem design for underwater acoustic networks: Taxonomy, capabilities, challenges, applications and future trends. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 39, 8161-8171	1.6	1
8	A Simple and Secure Reformation-Based Password Scheme. <i>IEEE Access</i> , <b>2021</b> , 9, 11655-11674	3.5	1
7	Efficient network selection using multi fuzzy criteria for confidential data transmission in wireless body sensor networks. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 41, 37-55	1.6	1
6	An Efficient Defocus Blur Segmentation Scheme Based on Hybrid LTP and PCNN.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	1
5	Monitoring the Emotional Response to the COVID-19 Pandemic Using Sentiment Analysis: A Case Study in Mexico. <i>Computational Intelligence and Neuroscience</i> , <b>2022</b> , 2022, 1-11	3	1
4	Fault Tolerant DHT-Based Routing in MANET. <i>Sensors</i> , <b>2022</b> , 22, 4280	3.8	1
3	SiFSO: Fish Swarm Optimization-Based Technique for Efficient Community Detection in Complex Networks. <i>Complexity</i> , <b>2020</b> , 2020, 1-9	1.6	0
2	ECG-Based Driver Stress Detection Using Deep Transfer Learning and Fuzzy Logic Approaches. <i>IEEE Access</i> , <b>2022</b> , 10, 29788-29809	3.5	0
1	LC-IDS: Loci-Constellation-Based Intrusion Detection for Reconfigurable Wireless Networks. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 3053	2.6	

