Mahdi Zareei

List of Publications by Year in Descending Order

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	An Efficient and Secure Revocation-Enabled Attribute-Based Access Control for eHealth in Smart Society.. *Sensors*, **2022**, 22,	3.8	3
70	ECG-Based Driver's Stress Detection Using Deep Transfer Learning and Fuzzy Logic Approaches. *IEEE Access*, **2022**, 10, 29788-29809	3.5	0
69	An Efficient Defocus Blur Segmentation Scheme Based on Hybrid LTP and PCNN.. *Sensors*, **2022**, 22,	3.8	1
68	Monitoring the Emotional Response to the COVID-19 Pandemic Using Sentiment Analysis: A Case Study in Mexico. *Computational Intelligence and Neuroscience*, **2022**, 2022, 1-11	3	1
67	Fault Tolerant DHT-Based Routing in MANET. *Sensors*, **2022**, 22, 4280	3.8	1
66	Towards security automation in Software Defined Networks. *Computer Communications*, **2021**, 183, 64-64	5.1	2
65	Acute Myeloid Leukemia (AML) Detection Using AlexNet Model. *Complexity*, **2021**, 2021, 1-8	1.6	6
64	Towards the Design of Efficient and Secure Architecture for Software-Defined Vehicular Networks. *Sensors*, **2021**, 21,	3.8	2
63	An Efficient and Secure Session Key Management Scheme in Wireless Sensor Network. *Complexity*, **2021**, 2021, 1-10	1.6	6
62	A security and privacy scheme based on node and message authentication and trust in fog-enabled VANET. *Vehicular Communications*, **2021**, 29, 100335	5.7	9
61	. *IEEE Access*, **2021**, 9, 87219-87240	3.5	4
60	ABKS-PBM: Attribute-Based Keyword Search With Partial Bilinear Map. *IEEE Access*, **2021**, 9, 46313-46324	3.5	2
59	A Simple and Secure Reformation-Based Password Scheme. *IEEE Access*, **2021**, 9, 11655-11674	3.5	1
58	Ant Lion Optimizer Based Clustering Algorithm for Wireless Body Area Networks in Livestock Industry. *IEEE Access*, **2021**, 9, 114495-114513	3.5	3
57	On the Design of Efficient Hierarchic Architecture for Software Defined Vehicular Networks. *Sensors*, **2021**, 21,	3.8	4
56	Two-Hop Relay Probing in WiGig Device-to-Device Networks Using Sleeping Contextual Bandits. *IEEE Wireless Communications Letters*, **2021**, 10, 1581-1585	5.9	8
55	Efficient network selection using multi fuzzy criteria for confidential data transmission in wireless body sensor networks. *Journal of Intelligent and Fuzzy Systems*, **2021**, 41, 37-55	1.6	1

54	. *IEEE Access*, **2021**, 9, 114392-114406	3.5	2
53	An Improved Identity-Based Generalized Signcryption Scheme for Secure Multi-Access Edge Computing Empowered Flying Ad Hoc Networks. *IEEE Access*, **2021**, 9, 120704-120714	3.5	2
52	LC-IDS: Loci-Constellation-Based Intrusion Detection for Reconfigurable Wireless Networks. *Electronics (Switzerland)*, **2021**, 10, 3053	2.6	
51	A Trust Model Using Edge Nodes and a Cuckoo Filter for Securing VANET under the NLoS Condition. *Symmetry*, **2020**, 12, 609	2.7	11
50	Movie Review Summarization Using Supervised Learning and Graph-Based Ranking Algorithm. *Computational Intelligence and Neuroscience*, **2020**, 2020, 7526580	3	7
49	Effective Demand Forecasting Model Using Business Intelligence Empowered With Machine Learning. *IEEE Access*, **2020**, 8, 116013-116023	3.5	11
48	A Trust-Based Energy-Efficient and Reliable Communication Scheme (Trust-Based ERCS) for Remote Patient Monitoring in Wireless Body Area Networks. *IEEE Access*, **2020**, 8, 131397-131413	3.5	40
47	Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. *IEEE Access*, **2020**, 8, 32187-32202	3.5	21
46	. *IEEE Access*, **2020**, 8, 39982-39997	3.5	18
45	Relay Probing for Millimeter Wave Multi-Hop D2D Networks. *IEEE Access*, **2020**, 8, 30560-30574	3.5	19
44	Unsupervised color image segmentation: A case of RGB histogram based K-means clustering initialization. *PLoS ONE*, **2020**, 15, e0240015	3.7	18
43	Energy-Efficient Centrally Controlled Caching Contents for Information-Centric Internet of Things. *IEEE Access*, **2020**, 8, 126358-126369	3.5	6
42	Certificateless Proxy Reencryption Scheme (CPRES) Based on Hyperelliptic Curve for Access Control in Content-Centric Network (CCN). *Mobile Information Systems*, **2020**, 2020, 1-13	1.4	6
41	Cryptanalysis and Improvement of a Proxy Signcryption Scheme in the Standard Computational Model. *IEEE Access*, **2020**, 8, 131188-131201	3.5	7
40	A Priori Multiobjective Self-Adaptive Multi-Population Based Jaya Algorithm to Optimize DERs Operations and Electrical Tasks. *IEEE Access*, **2020**, 8, 181163-181175	3.5	14
39	Analysis for Disease Gene Association Using Machine Learning. *IEEE Access*, **2020**, 8, 160616-160626	3.5	4
38	Modem design for underwater acoustic networks: Taxonomy, capabilities, challenges, applications and future trends. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 8161-8171	1.6	1
37	A Hybrid Prediction Model for Energy-Efficient Data Collection in Wireless Sensor Networks. *Symmetry*, **2020**, 12, 2024	2.7	6

36	A Lightweight and Secure Attribute-Based Multi Receiver Generalized Signcryption Scheme for Body Sensor Networks. *IEEE Access*, **2020**, 8, 200283-200304	3.5	5
35	SiFSO: Fish Swarm Optimization-Based Technique for Efficient Community Detection in Complex Networks. *Complexity*, **2020**, 2020, 1-9	1.6	0
34	In-Vehicle Cognitive Route Decision Using Fuzzy Modeling and Artificial Neural Network. *IEEE Access*, **2019**, 7, 20262-20272	3.5	12
33	An Efficient Paradigm for Multiband WiGig D2D Networks. *IEEE Access*, **2019**, 7, 70032-70045	3.5	19
32	HoliTrust-A Holistic Cross-Domain Trust Management Mechanism for Service-Centric Internet of Things. *IEEE Access*, **2019**, 7, 52191-52201	3.5	40
31	Energy-Effective Cooperative and Reliable Delivery Routing Protocols for Underwater Wireless Sensor Networks. *Energies*, **2019**, 12, 2630	3.1	21
30	Enhancing the Performance of Energy Harvesting Sensor Networks for Environmental Monitoring Applications. *Energies*, **2019**, 12, 2794	3.1	7
29	A Lightweight and Provable Secured Certificateless Signcryption Approach for Crowdsourced IIoT Applications. *Symmetry*, **2019**, 11, 1386	2.7	15
28	**2019**,		6
27	Energy Balanced Localization-Free Cooperative Noise-Aware Routing Protocols for Underwater Wireless Sensor Networks. *Energies*, **2019**, 12, 4263	3.1	12
26	Towards a Fog Enabled Efficient Car Parking Architecture. *IEEE Access*, **2019**, 7, 159100-159111	3.5	20
25	RARE: A Spectrum Aware Cross-Layer MAC Protocol for Cognitive Radio Ad-Hoc Networks. *IEEE Access*, **2018**, 6, 22210-22227	3.5	18
24	Mobility-aware medium access control protocols for wireless sensor networks: A survey. *Journal of Network and Computer Applications*, **2018**, 104, 21-37	7.9	33
23	The effects of an Adaptive and Distributed Transmission Power Control on the performance of energy harvesting sensor networks. *Computer Networks*, **2018**, 137, 69-82	5.4	17
22	Game Theory-Based Cooperation for Underwater Acoustic Sensor Networks: Taxonomy, Review, Research Challenges and Directions. *Sensors*, **2018**, 18,	3.8	20
21	ABC-PSO for vertical handover in heterogeneous wireless networks. *Neurocomputing*, **2017**, 256, 63-81	5.4	25
20	A Secure Trust Model Based on Fuzzy Logic in Vehicular Ad Hoc Networks With Fog Computing. *IEEE Access*, **2017**, 5, 15619-15629	3.5	119
19	Medium Access Control Protocols for Cognitive Radio Ad Hoc Networks: A Survey. *Sensors*, **2017**, 17,	3.8	17

18	On-Demand Hybrid Routing for Cognitive Radio Ad-Hoc Network. *IEEE Access*, **2016**, 4, 8294-8302	3.5	28
17	Clustering Analysis in Wireless Sensor Networks: The Ambit of Performance Metrics and Schemes Taxonomy. *International Journal of Distributed Sensor Networks*, **2016**, 12, 4979142	1.7	41
16	State-Aware Re-configuration Model for Multi-Radio Wireless Mesh Networks. *KSII Transactions on Internet and Information Systems*, **2016**, 11,	1.7	2
15	Joint Channel Assignment and Routing in Multiradio Multichannel Wireless Mesh Networks: Design Considerations and Approaches. *Journal of Computer Networks and Communications*, **2016**, 2016, 1-24	2.5	6
14	A novel on-demand routing protocol for cluster-based Cognitive Radio ad-hoc Network **2016**,		4
13	CMCS: a cross-layer mobility-aware MAC protocol for cognitive radio sensor networks. *Eurasip Journal on Wireless Communications and Networking*, **2016**, 2016,	3.2	12
12	Cognitive Radio Ad-Hoc Network Architectures: A Survey. *Wireless Personal Communications*, **2015**, 81, 1117-1142	1.9	34
11	Dynamic spectrum allocation for cognitive radio ad hoc network **2015**,		3
10	A novel node joining alogoritm for spectrum aware cluster-based cognitive radio ad-hoc networks **2015**,		2
9	Cross-layer mobility-aware MAC protocol for cognitive radio sensor network **2015**,		1
8	Construction of a Robust Clustering Algorithm for Cognitive Radio Ad-Hoc Network. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2015**, 759-766	0.2	2
7	Mobility-aware timeout medium access control protocol for wireless sensor networks. *AEU - International Journal of Electronics and Communications*, **2014**, 68, 1000-1006	2.8	13
6	A stable cluster-based architecture for cognitive radio ad-hoc networks **2014**,		7
5	Spectrum aware cluster-based architecture for cognitive radio ad-hoc networks **2013**,		10
4	Enhanced mobile lightweight Medium Access Control protocol for wireless sensor networks **2011**,		1
3	A comparative study of short range wireless sensor network on high density networks **2011**,		7
2	Study of mobility effect on energy efficiency in medium access control protocols **2011**,		2
1	EMS-MAC: Energy Efficient Contention-Based Medium Access Control Protocol for Mobile Sensor Networks. *Computer Journal*, **2011**, 54, 1963-1972	1.3	15