

Mahdi Zareei

List of Publications by Year in descending order

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papers

1,532
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331670

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76
all docs

76
docs citations

76
times ranked

1471
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secure Trust Model Based on Fuzzy Logic in Vehicular Ad Hoc Networks With Fog Computing. IEEE Access, 2017, 5, 15619-15629.	4.2	180
2	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.	4.2	74
3	Clustering Analysis in Wireless Sensor Networks: The Ambit of Performance Metrics and Schemes Taxonomy. International Journal of Distributed Sensor Networks, 2016, 12, 4979142.	2.2	60
4	HoliTrust-A Holistic Cross-Domain Trust Management Mechanism for Service-Centric Internet of Things. IEEE Access, 2019, 7, 52191-52201.	4.2	59
5	Modeling, Simulation and Optimization of Power Plant Energy Sustainability for IoT Enabled Smart Cities Empowered With Deep Extreme Learning Machine. IEEE Access, 2020, 8, 39982-39997.	4.2	58
6	Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. IEEE Access, 2020, 8, 32187-32202.	4.2	54
7	Towards a Fog Enabled Efficient Car Parking Architecture. IEEE Access, 2019, 7, 159100-159111.	4.2	53
8	Mobility-aware medium access control protocols for wireless sensor networks: A survey. Journal of Network and Computer Applications, 2018, 104, 21-37.	9.1	44
9	Cognitive Radio Ad-Hoc Network Architectures: A Survey. Wireless Personal Communications, 2015, 81, 1117-1142.	2.7	41
10	ABC-PSO for vertical handover in heterogeneous wireless networks. Neurocomputing, 2017, 256, 63-81.	5.9	40
11	Effective Demand Forecasting Model Using Business Intelligence Empowered With Machine Learning. IEEE Access, 2020, 8, 116013-116023.	4.2	39
12	Unsupervised color image segmentation: A case of RGB histogram based K-means clustering initialization. PLoS ONE, 2020, 15, e0240015.	2.5	39
13	Game Theory-Based Cooperation for Underwater Acoustic Sensor Networks: Taxonomy, Review, Research Challenges and Directions. Sensors, 2018, 18, 425.	3.8	33
14	On-Demand Hybrid Routing for Cognitive Radio Ad-Hoc Network. IEEE Access, 2016, 4, 8294-8302.	4.2	32
15	Energy-Effective Cooperative and Reliable Delivery Routing Protocols for Underwater Wireless Sensor Networks. Energies, 2019, 12, 2630.	3.1	32
16	Relay Probing for Millimeter Wave Multi-Hop D2D Networks. IEEE Access, 2020, 8, 30560-30574.	4.2	31
17	A Trust Model Using Edge Nodes and a Cuckoo Filter for Securing VANET under the NLoS Condition. Symmetry, 2020, 12, 609.	2.2	29
18	An Efficient Paradigm for Multiband WiGig D2D Networks. IEEE Access, 2019, 7, 70032-70045.	4.2	28

#	ARTICLE	IF	CITATIONS
19	RARE: A Spectrum Aware Cross-Layer MAC Protocol for Cognitive Radio Ad-Hoc Networks. IEEE Access, 2018, 6, 22210-22227.	4.2	25
20	A Lightweight and Provable Secured Certificateless Signcryption Approach for Crowdsourced IIoT Applications. Symmetry, 2019, 11, 1386.	2.2	24
21	Acute Myeloid Leukemia (AML) Detection Using AlexNet Model. Complexity, 2021, 2021, 1-8.	1.6	24
22	The effects of an Adaptive and Distributed Transmission Power Control on the performance of energy harvesting sensor networks. Computer Networks, 2018, 137, 69-82.	5.1	22
23	A security and privacy scheme based on node and message authentication and trust in fog-enabled VANET. Vehicular Communications, 2021, 29, 100335.	4.0	22
24	Medium Access Control Protocols for Cognitive Radio Ad Hoc Networks: A Survey. Sensors, 2017, 17, 2136.	3.8	20
25	Two-Hop Relay Probing in WiGig Device-to-Device Networks Using Sleeping Contextual Bandits. IEEE Wireless Communications Letters, 2021, 10, 1581-1585.	5.0	20
26	In-Vehicle Cognitive Route Decision Using Fuzzy Modeling and Artificial Neural Network. IEEE Access, 2019, 7, 20262-20272.	4.2	18
27	EMS-MAC: Energy Efficient Contention-Based Medium Access Control Protocol for Mobile Sensor Networks. Computer Journal, 2011, 54, 1963-1972.	2.4	17
28	A Priori Multiobjective Self-Adaptive Multi-Population Based Jaya Algorithm to Optimize DERs Operations and Electrical Tasks. IEEE Access, 2020, 8, 181163-181175.	4.2	17
29	Movie Review Summarization Using Supervised Learning and Graph-Based Ranking Algorithm. Computational Intelligence and Neuroscience, 2020, 2020, 1-14.	1.7	17
30	An Efficient and Secure Session Key Management Scheme in Wireless Sensor Network. Complexity, 2021, 2021, 1-10.	1.6	16
31	Mobility-aware timeout medium access control protocol for wireless sensor networks. AEU - International Journal of Electronics and Communications, 2014, 68, 1000-1006.	2.9	15
32	Ant Lion Optimizer Based Clustering Algorithm for Wireless Body Area Networks in Livestock Industry. IEEE Access, 2021, 9, 114495-114513.	4.2	15
33	Towards security automation in Software Defined Networks. Computer Communications, 2022, 183, 64-82.	5.1	15
34	Spectrum aware cluster-based architecture for cognitive radio ad-hoc networks. , 2013, , .		14
35	CMCS: a cross-layer mobility-aware MAC protocol for cognitive radio sensor networks. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	14
36	Enhancing the Performance of Energy Harvesting Sensor Networks for Environmental Monitoring Applications. Energies, 2019, 12, 2794.	3.1	14

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37	Energy Balanced Localization-Free Cooperative Noise-Aware Routing Protocols for Underwater Wireless Sensor Networks. <i>Energies</i> , 2019, 12, 4263.	3.1	14
38	Energy-Efficient Centrally Controlled Caching Contents for Information-Centric Internet of Things. <i>IEEE Access</i> , 2020, 8, 126358-126369.	4.2	13
39	A Hybrid Prediction Model for Energy-Efficient Data Collection in Wireless Sensor Networks. <i>Symmetry</i> , 2020, 12, 2024.	2.2	13
40	RM-ADR: Resource Management Adaptive Data Rate for Mobile Application in LoRaWAN. <i>Sensors</i> , 2021, 21, 7980.	3.8	13
41	Efficient Transmission Power Control for Energy-harvesting Cognitive Radio Sensor Network. , 2019, , .		12
42	Cryptanalysis and Improvement of a Proxy Signcryption Scheme in the Standard Computational Model. <i>IEEE Access</i> , 2020, 8, 131188-131201.	4.2	12
43	On the Design of Efficient Hierarchic Architecture for Software Defined Vehicular Networks. <i>Sensors</i> , 2021, 21, 1400.	3.8	12
44	An Efficient and Secure Revocation-Enabled Attribute-Based Access Control for eHealth in Smart Society. <i>Sensors</i> , 2022, 22, 336.	3.8	12
45	An Efficient Defocus Blur Segmentation Scheme Based on Hybrid LTP and PCNN. <i>Sensors</i> , 2022, 22, 2724.	3.8	12
46	A Novel Defocused Image Segmentation Method Based on PCNN and LBP. <i>IEEE Access</i> , 2021, 9, 87219-87240.	4.2	11
47	Certificateless Proxy Reencryption Scheme (CPRES) Based on Hyperelliptic Curve for Access Control in Content-Centric Network (CCN). <i>Mobile Information Systems</i> , 2020, 2020, 1-13.	0.6	10
48	Analysis for Disease Gene Association Using Machine Learning. <i>IEEE Access</i> , 2020, 8, 160616-160626.	4.2	10
49	A Lightweight and Secure Attribute-Based Multi Receiver Generalized Signcryption Scheme for Body Sensor Networks. <i>IEEE Access</i> , 2020, 8, 200283-200304.	4.2	10
50	Towards the Design of Efficient and Secure Architecture for Software-Defined Vehicular Networks. <i>Sensors</i> , 2021, 21, 3902.	3.8	10
51	An Improved Identity-Based Generalized Signcryption Scheme for Secure Multi-Access Edge Computing Empowered Flying Ad Hoc Networks. <i>IEEE Access</i> , 2021, 9, 120704-120714.	4.2	10
52	A comparative study of short range wireless sensor network on high density networks. , 2011, , .		9
53	A stable cluster-based architecture for cognitive radio ad-hoc networks. , 2014, , .		9
54	Joint Channel Assignment and Routing in Multiradio Multichannel Wireless Mesh Networks: Design Considerations and Approaches. <i>Journal of Computer Networks and Communications</i> , 2016, 2016, 1-24.	1.6	9

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55	A Simple and Secure Reformation-Based Password Scheme. IEEE Access, 2021, 9, 11655-11674.	4.2	9
56	ECG-Based Driver's Stress Detection Using Deep Transfer Learning and Fuzzy Logic Approaches. IEEE Access, 2022, 10, 29788-29809.	4.2	9
57	QoS Aware and Fault Tolerance Based Software-Defined Vehicular Networks Using Cloud-Fog Computing. Sensors, 2022, 22, 401.	3.8	7
58	Dynamic spectrum allocation for cognitive radio ad hoc network. , 2015, , .		5
59	A novel on-demand routing protocol for cluster-based Cognitive Radio ad-hoc Network. , 2016, , .		5
60	SiFSO: Fish Swarm Optimization-Based Technique for Efficient Community Detection in Complex Networks. Complexity, 2020, 2020, 1-9.	1.6	5
61	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.	1.7	5
62	ABKS-PBM: Attribute-Based Keyword Search With Partial Bilinear Map. IEEE Access, 2021, 9, 46313-46324.	4.2	4
63	OO-ABMS: Online/Offline-Aided Attribute-Based Multi-Keyword Search. IEEE Access, 2021, 9, 114392-114406.	4.2	4
64	Study of mobility effect on energy efficiency in medium access control protocols. , 2011, , .		3
65	Traffic Queuing Management in the Internet of Things: An Optimized RED Algorithm Based Approach. Computers, Materials and Continua, 2020, 66, 359-372.	1.9	3
66	Fault Tolerant DHT-Based Routing in MANET. Sensors, 2022, 22, 4280.	3.8	3
67	Enhanced mobile lightweight Medium Access Control protocol for wireless sensor networks. , 2011, , .		2
68	A novel node joining algorithm for spectrum aware cluster-based cognitive radio ad-hoc networks. , 2015, , .		2
69	Cross-layer mobility-aware MAC protocol for cognitive radio sensor network. , 2015, , .		2
70	Modem design for underwater acoustic networks: Taxonomy, capabilities, challenges, applications and future trends. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8161-8171.	1.4	2
71	State-Aware Re-configuration Model for Multi-Radio Wireless Mesh Networks. KSII Transactions on Internet and Information Systems, 2016, 11, .	0.3	2
72	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.	0.3	2

#	ARTICLE	IF	CITATIONS
73	Energy-efficient and mobility-aware MAC protocol for wireless sensor networks. , 2013, , .		1
74	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.	1.4	1
75	Sensorial Design for Installation Art through E-Learning. , 2013, , .		0
76	LC-IDS: Loci-Constellation-Based Intrusion Detection for Reconfigurable Wireless Networks. Electronics (Switzerland), 2021, 10, 3053.	3.1	0