

Reza Javidan

List of Publications by Year in descending order

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78
papers

1,344
citations

471509

17
h-index

395702

33
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79
all docs

79
docs citations

79
times ranked

1331
citing authors

#	ARTICLE	IF	CITATIONS
1	SMOTE: An Intelligent SDN-Based Multi-Objective Traffic Engineering Technique for Telesurgery. IETE Journal of Research, 2023, 69, 2503-2513.	2.6	8
2	EFSUTE: a novel efficient and survivable traffic engineering for software defined networks. Journal of Reliable Intelligent Environments, 2022, 8, 247-260.	5.2	6
3	Adversarial android malware detection for mobile multimedia applications in IoT environments. Multimedia Tools and Applications, 2021, 80, 16713-16729.	3.9	11
4	An intelligent IoT-based positioning system for theme parks. Journal of Supercomputing, 2021, 77, 9879-9904.	3.6	4
5	A new load balancing clustering method for the RPL protocol. Telecommunication Systems, 2021, 77, 297-315.	2.5	4
6	A new energy aware cluster head selection for LEACH in wireless sensor networks. IET Wireless Sensor Systems, 2021, 11, 45-53.	1.7	13
7	RSS: An Energy-Efficient Approach for Securing IoT Service Protocols Against the DoS Attack. IEEE Internet of Things Journal, 2021, 8, 3619-3635.	8.7	33
8	Underwater Acoustic Source Positioning by Isotropic and Vector Hydrophone Combination. Journal of Sound and Vibration, 2021, 501, 116031.	3.9	7
9	A Robust Anonymous Remote User Authentication Protocol for IoT Services. Wireless Personal Communications, 2021, 121, 2347-2369.	2.7	4
10	An Intelligent Rule-based System for Status Epilepticus Prognostication. Journal of Biomedical Physics and Engineering, 2021, 11, 185-196.	0.9	0
11	Efficient Detection of Underwater Natural Gas Pipeline Leak Based on Synthetic Aperture Sonar (SAS) Systems. Journal of Marine Science and Engineering, 2021, 9, 1273.	2.6	15
12	A new method for layer 2 loop prevention in software defined networks. Telecommunication Systems, 2020, 73, 47-57.	2.5	3
13	Similarity-based Android malware detection using Hamming distance of static binary features. Future Generation Computer Systems, 2020, 105, 230-247.	7.5	120
14	A new objective function for RPL routing protocol in IoT to increase network lifetime. International Journal of Wireless and Mobile Computing, 2020, 19, 73.	0.2	8
15	Medical image registration using deep neural networks: A comprehensive review. Computers and Electrical Engineering, 2020, 87, 106767.	4.8	83
16	An Efficient Acoustic Scattering Model Based on Target Surface Statistical Descriptors for Synthetic Aperture Sonar Systems. Journal of Marine Science and Application, 2020, 19, 494-507.	1.7	5
17	Proposing a new method for improving RPL to support mobility in the Internet of things. IET Networks, 2020, 9, 48-55.	1.8	19
18	On defending against label flipping attacks on malware detection systems. Neural Computing and Applications, 2020, 32, 14781-14800.	5.6	37

#	ARTICLE	IF	CITATIONS
19	Can machine learning model with static features be fooled: an adversarial machine learning approach. Cluster Computing, 2020, 23, 3233-3253.	5.0	19
20	Node deployment in wireless sensor networks using the new multi-objective Levy flight bee algorithm. IET Wireless Sensor Systems, 2020, 10, 78-87.	1.7	9
21	An intelligent multicast traffic engineering method over software defined networks. Journal of High Speed Networks, 2020, , 1-12.	0.8	2
22	A secure biometric-based authentication protocol for global mobility networks in smart cities. Journal of Supercomputing, 2020, 76, 8729-8755.	3.6	28
23	Telesurgery QoS improvement over SDN based on a Type-2 fuzzy system and enhanced cuckoo optimization algorithm. International Journal of Communication Systems, 2020, 33, e4426.	2.5	9
24	Three Dimensional Localization of an Unknown Target Using Two Heterogeneous Sensors. Signal and Data Processing, 2020, 17, 147-158.	0.1	0
25	Multi criteria analysis of Controller Placement Problem in Software Defined Networks. Computer Communications, 2019, 133, 115-128.	5.1	30
26	An Efficient Key Distribution Mechanism for Large Scale Hierarchical Wireless Sensor Networks. , 2019, , .		2
27	A new approach for traffic matrix estimation in high load computer networks based on graph embedding and convolutional neural network. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3604.	3.9	5
28	Automatic Clustering of Attacks in Intrusion Detection Systems. , 2019, , .		8
29	A Two-Layer Dimension Reduction and Two-Tier Classification Model for Anomaly-Based Intrusion Detection in IoT Backbone Networks. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 314-323.	4.6	285
30	An Intelligent Traffic Engineering Method Over Software Defined Networks for Video Surveillance Systems Based on Artificial Bee Colony. , 2019, , 360-377.		1
31	An adaptive target tracking method for 3D underwater wireless sensor networks. Wireless Networks, 2018, 24, 2797-2810.	3.0	17
32	OpenIPTV: a comprehensive SDN-based IPTV service framework. Multimedia Systems, 2018, 24, 313-325.	4.7	2
33	A novel multicast traffic engineering technique in SDN using TLBO algorithm. Telecommunication Systems, 2018, 68, 583-592.	2.5	12
34	ERA-ContikiMAC: An adaptive radio duty cycling layer in Internet of Things. , 2018, , .		3
35	Achieving Horizontal Scalability in Density-based Clustering for URLs. , 2018, , .		3
36	Providing a New Energy Management Approach in Smart Homes Using the 6lowpan Protocol. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	An intelligent traffic engineering method for video surveillance systems over software defined networks using ant colony optimisation. International Journal of Bio-Inspired Computation, 2018, 12, 173.	0.9	11
38	On the feasibility of telesurgery over software defined networks. International Journal of Intelligent Robotics and Applications, 2018, 2, 339-350.	2.8	11
39	CANF: Clustering and anomaly detection method using nearest and farthest neighbor. Future Generation Computer Systems, 2018, 89, 166-177.	7.5	22
40	Adaptive timing model for improving routing and data aggregation in Internet of things networks using RPL. IET Networks, 2018, 7, 306-312.	1.8	20
41	Controlled deployment in wireless sensor networks based on a novel Multi Objective Bee Swarm Optimization algorithm. , 2018, , .		3
42	An intelligent traffic engineering method for video surveillance systems over software defined networks using ant colony optimisation. International Journal of Bio-Inspired Computation, 2018, 12, 173.	0.9	0
43	A robust method for underwater wireless sensor joint localization and synchronization. Ocean Engineering, 2017, 137, 276-286.	4.3	56
44	SLICOTS: An SDN-Based Lightweight Countermeasure for TCP SYN Flooding Attacks. IEEE Transactions on Network and Service Management, 2017, 14, 487-497.	4.9	119
45	On the global stability of an epidemic model of computer viruses. Theory in Biosciences, 2017, 136, 169-178.	1.4	19
46	Estimating water content of natural gas: A radial basis function neural network method. Petroleum Science and Technology, 2017, 35, 1852-1858.	1.5	6
47	A new adaptive traffic engineering method for telesurgery using ACO algorithm over Software Defined Networks. European Research in Telemedicine, 2017, 6, 173-180.	0.5	20
48	Mobility management in wireless nano-sensor networks using fuzzy logic. Journal of Intelligent and Fuzzy Systems, 2017, 32, 969-978.	1.4	5
49	An adaptive type-2 fuzzy traffic engineering method for video surveillance systems over software defined networks. Multimedia Tools and Applications, 2017, 76, 23627-23642.	3.9	23
50	Practical extensions to countermeasure DoS attacks in software defined networking. , 2017, , .		7
51	Predicting lung cancer survivability using ensemble learning methods. , 2017, , .		17
52	Classification of big satellite images using hadoop clusters for land cover recognition. , 2017, , .		2
53	An intelligent model for prediction of brucellosis. , 2017, , .		1
54	RPL LOAD BALANCING IN INTERNET OF THINGS. IIUM Engineering Journal, 2017, 18, 137-150.	0.8	10

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55	Providing Multimedia QoS Methods over Software Defined Networks: A Comprehensive Review. International Journal of Computer Applications, 2017, 168, 55-59.	0.2	6
56	Smart Objects Presence Facilitation in the Internet of Things. International Journal of Computer Applications, 2017, 168, 25-31.	0.2	3
57	A new density estimator based on nearest and farthest neighbor. , 2016, , .		2
58	Selective geometry for near-field three-dimensional localisation using one-pair sensor. IET Radar, Sonar and Navigation, 2016, 10, 844-849.	1.8	5
59	A novel control strategy for DVR: Optimal bi-objective structure emotional learning. International Journal of Electrical Power and Energy Systems, 2016, 83, 259-269.	5.5	17
60	A Hybrid Data Mining Approach for Intrusion Detection on Imbalanced NSL-KDD Dataset. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	29
61	An Intelligent Traffic Engineering Method over Software Defined Networks for Video Surveillance Systems Based on Artificial Bee Colony. International Journal of Intelligent Information Technologies, 2016, 12, 45-62.	0.8	12
62	TMCC: An Optimal Mechanism for Congestion Control in Wireless Sensor Networks. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	2
63	Spatiotemporal monitoring of Bakhtegan Lake's areal fluctuations and an exploration of its future status by applying a cellular automata model. Computers and Geosciences, 2015, 78, 37-43.	4.2	32
64	A fast block-based approach for segmentation and classification of textural images using contourlet transform and SVM. International Journal of Signal and Imaging Systems Engineering, 2014, 7, 211.	0.6	2
65	Semantic query in a relational database using a local ontology construction. South African Journal of Science, 2012, 108, .	0.7	7
66	Comparative Performance Evaluation of MAC Layer Protocols for Underwater Wireless Sensor Networks. Modern Applied Science, 2012, 6, .	0.6	7
67	A new stemmer for Farsi language. , 2011, , .		4
68	Implementation of a new method for stemming in Persian language. , 2011, , .		2
69	A new method for data filtering in RFID middleware. International Journal of Radio Frequency Identification Technology and Applications, 2011, 3, 260.	0.5	0
70	MUSIC algorithm for DOA estimation using MIMO arrays. , 2011, , .		19
71	Hybrid interactions in pervasive computing settings. , 2011, , .		0
72	Seabed Image Texture Analysis Using Subsampled Contourlet Transform. Communications in Computer and Information Science, 2011, , 337-348.	0.5	0

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73	Wavelet-based acoustic seabed discrimination system. , 2010, , .		0
74	A new security algorithm for electronic payment via mobile phones. , 2010, , .		2
75	A new method for data redundancy reduction in RFID middleware. , 2010, , .		2
76	A Comparative study between wavelet and Contourlet Transform Features for Textural Image Classification. , 2008, , .		14
77	Contourlet-Based Acoustic Seabed Ground Discrimination System. , 2008, , .		5
78	Seabed Image Texture Segmentation and Classification Based on Nonsampled Contourlet Transform. Communications in Computer and Information Science, 2008, , 186-193.	0.5	1