Marjan Kuchaki Rafsanjani

List of Publications by Year
in descending order

66 papers	1,259 citations	516710 16 h-index	377865 34 g-index
68 all docs	68 docs citations	68 times ranked	977 citing authors

#	Article	IF	Citations
1	A survey on security challenges in cloud computing: issues, threats, and solutions. Journal of Supercomputing, 2020, 76, 9493-9532.	3.6	221
2	Efficient and Secure Routing Protocol Based on Artificial Intelligence Algorithms With UAV-Assisted for Vehicular Ad Hoc Networks in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4757-4769.	8.0	167
3	Cluster-based routing protocols in wireless sensor networks: A survey based on methodology. Journal of Network and Computer Applications, 2019, 142, 111-142.	9.1	154
4	A trust infrastructure based authentication method for clustered vehicular ad hoc networks. Peer-to-Peer Networking and Applications, 2021, 14, 2537-2553.	3.9	82
5	QMM-VANET: An efficient clustering algorithm based on QoS and monitoring of malicious vehicles in vehicular ad hoc networks. Journal of Systems and Software, 2020, 165, 110561.	4.5	52
6	Memetic fuzzy clustering protocol for wireless sensor networks: Shuffled frog leaping algorithm. Applied Soft Computing Journal, 2018, 71, 568-590.	7.2	48
7	Community detection in complex networks using structural similarity. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 882-891.	2.6	45
8	F-Ant: an effective routing protocol for ant colony optimization based on fuzzy logic in vehicular ad hoc networks. Neural Computing and Applications, 2018, 29, 1127-1137.	5.6	43
9	A new fuzzy multi-hop clustering protocol with automatic rule tuning for wireless sensor networks. Applied Soft Computing Journal, 2020, 89, 106115.	7.2	41
10	An energy aware grouping memetic algorithm to schedule the sensing activity in WSNs-based IoT for smart cities. Applied Soft Computing Journal, 2021, 108, 107473.	7.2	34
11	Hierarchical distributed management clustering protocol for wireless sensor networks. Telecommunication Systems, 2017, 65, 193-214.	2.5	25
12	A new approach for energy and delay trade-off intra-clustering routing in WSNs. Computers and Mathematics With Applications, 2011, 62, 1670-1676.	2.7	24
13	FBeeAdHoc: A secure routing protocol for BeeAdHoc based on fuzzy logic in MANETs. AEU - International Journal of Electronics and Communications, 2015, 69, 1613-1621.	2.9	24
14	Fuzzy multi-hop clustering protocol: Selection fuzzy input parameters and rule tuning for WSNs. Applied Soft Computing Journal, 2021, 99, 106923.	7.2	24
15	A Fuzzy Multi-objective Linear Programming Model Based on Interval-valued Intuitionistic Fuzzy Sets for Supplier Selection. International Journal of Fuzzy Systems, 2016, 18, 864-874.	4.0	23
16	A New Residue to Binary Converter Based on Mixed-Radix Conversion. , 2008, , .		19
17	Chaotic time series prediction by artificial neural networks. Journal of Computational Methods in Sciences and Engineering, 2016, 16, 599-615.	0.2	18
18	Using deep reinforcement learning approach for solving the multiple sequence alignment problem. SN Applied Sciences, 2019, 1, 1.	2.9	17

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19	A supplier offer modification approach based on fuzzy systems for automated negotiation in e-commerce. Information Systems Frontiers, 2018, 20, 143-160.	6.4	15
20	Some connections between BCK-algebras and n-ary block codes. Soft Computing, 2018, 22, 41-46.	3.6	15
21	A Survey of Advanced LEACH-based Protocols. International Journal of Energy Information and Communications, 2016, 7, 1-16.	0.1	12
22	QARIMA: A new approach to prediction in queue theory. Applied Mathematics and Computation, 2014, 244, 514-525.	2.2	11
23	A novel image encryption scheme based on multi-directional diffusion technique and integrated chaotic map. Neural Computing and Applications, 2021, 33, 14311-14326.	5.6	10
24	A multi-agent based model for collective purchasing in electronic commerce. International Journal of Machine Learning and Cybernetics, 2013, 4, 409-417.	3.6	9
25	A similarity-based mechanism to control genetic algorithm and local search hybridization to solve traveling salesman problem. Neural Computing and Applications, 2015, 26, 213-222.	5.6	9
26	A combination of clustering-based under-sampling with ensemble methods for solving imbalanced class problem in intelligent systems. Technological Forecasting and Social Change, 2021, 169, 120796.	11.6	9
27	Intrusion detection system using a new fuzzy rule-based classification system based on genetic algorithm. Intelligent Decision Technologies, 2021, 15, 231-237.	0.9	8
28	On codes based on BCK-algebras. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2133-2137.	1.4	7
29	A genetic approach in procedural content generation for platformer games level creation. , 2017, , .		7
30	Energy Refining Balance with Ant Colony System for Cloud Placement Machines. Journal of Grid Computing, 2021, 19, 1.	3.9	7
31	Cluster head selection using hesitant fuzzy and firefly algorithm in wireless sensor networks. Evolving Systems, 2022, 13, 65-84.	3.9	7
32	An Efficient Method for Identifying IDS Agent Nodes by Discovering Compromised Nodes in MANET. , 2009, , .		6
33	A Hybrid Routing Algorithm Based on Ant Colony and ZHLS Routing Protocol for MANET. Communications in Computer and Information Science, 2010, , 112-122.	0.5	6
34	An Optimal Method for Detecting Internal and External Intrusion in MANET. Communications in Computer and Information Science, 2010, , 71-82.	0.5	6
35	Development of a hybrid neuro-fuzzy system as a diagnostic tool for Type 2 Diabetes Mellitus. , 2018, , .		6
36	A fuzzy system approach to multilateral automated negotiation in B2C e-commerce. Neural Computing and Applications, 2014, 25, 367-377.	5.6	5

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37	A new hybrid genetic algorithm for job shop scheduling problem. International Journal of Advanced Intelligence Paradigms, 2020, 16, 157.	0.3	5
38	Cluster head selection using hesitant fuzzy in Wireless Sensor Networks. , 2018, , .		4
39	A Review on Lung Cancer Diagnosis Using Data Mining Algorithms. Current Medical Imaging, 2021, 17, 16-26.	0.8	4
40	A new method for improving security in MANETs AODV Protocol. Management Science Letters, 2012, 2, 2271-2280.	1.5	3
41	A new generalization of fuzzy BCK/BCI-algebras. Neural Computing and Applications, 2012, 21, 813-819.	5.6	3
42	Fuzzy n-fold ideals in BCH-algebras. Neural Computing and Applications, 2010, 19, 775-783.	5.6	2
43	A New Combinational Selection Operator in Genetic Algorithm. , 2011, , .		2
44	Benchmark of Different Gradient Descents in OCR. Cybernetics and Information Technologies, 2014, 14, 114-126.	1.1	2
45	Modeling and optimization of Quality of Service routing in Mobile Ad hoc Networks. Open Physics, 2016, 14, 498-507.	1.7	2
46	Community Detection in Social Networks. Studies in Systems, Decision and Control, 2019, , 273-293.	1.0	2
47	Multi-task Scheduling Algorithm Based on Self-adaptive Hybrid ICAâ€"PSO Algorithm in Cloud Environment. Advances in Intelligent Systems and Computing, 2021, , 422-431.	0.6	2
48	Black Hole Attacks Detection by Invalid IP Addresses in Mobile Ad Hoc Networks. Indian Journal of Science and Technology, 2014, 7, 401-408.	0.7	2
49	A new hybrid genetic algorithm for job shop scheduling problem. International Journal of Advanced Intelligence Paradigms, 2020, 16, 157.	0.3	2
50	Efficient forward and reverse converters for a new high-radix moduli set. , 2008, , .		1
51	A Study on the Stream Cipher Embedded Magic Square of Random Access Files. , 2011, , .		1
52	Distributed denial of service attacks and detection mechanisms. Journal of Computational Methods in Sciences and Engineering, 2015, 14, 329-345.	0.2	1
53	Online one pass clustering of data streams based on growing neural gas and fuzzy inference systems. Expert Systems, 2021, 38, e12736.	4.5	1
54	A New Zone Disjoint Multi Path Routing Algorithm to Increase Fault-Tolerant in Mobile Ad Hoc Networks. Applied Mathematics and Information Sciences, 2015, 9, 433-444.	0.5	1

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55	Efficient Ternary Galois Field Circuit Design Through Carbon Nanotube Technology. , 2008, , .		0
56	Preface of the â€œFirst Symposium on Advances in Computer Science and Applied Mathematics (ACSAM) Tj ETQq0 0 0 rgBT /Overlock		0
57	Energy Aware Clustering Algorithms for Wireless Sensor Networks. , 2011, , .		0
58	Convex Vague Sets with Respect to a t-Norm. , 2011, , .		0
59	CABMD: A new clustering algorithm based on membership degree of node for mobile ad hoc networks. Journal of Information and Optimization Sciences, 2018, 39, 857-870.	0.3	0
60	Leaf Recognition Based on Image Processing. Studies in Fuzziness and Soft Computing, 2021, , 209-229.	0.8	0
61	A Practical Review on Intrusion Detection Systems by Known Data Mining Methods. Studies in Fuzziness and Soft Computing, 2021, , 189-208.	0.8	0
62	Determination of IDS Agent Nodes Based on Three-Tiered Key Management Framework for MANET. Communications in Computer and Information Science, 2010, , 648-655.	0.5	0
63	An Efficient Method for Detecting Misbehaving Zone Manager in MANET. Communications in Computer and Information Science, 2010, , 11-21.	0.5	0
64	Comment on the Improvement of an Efficient ID-Based RSA Mutlisignature. Communications in Computer and Information Science, 2011, , 534-540.	0.5	0
65	An Anomaly Detection System Based on Clustering and Fuzzy Set Theory in VANETs. Advances in Intelligent Systems and Computing, 2021, , 399-407.	0.6	0
66	Classification of Plants Leave Using Image Processing and Neural Network. Advances in Intelligent Systems and Computing, 2021, , 229-238.	0.6	0