

# Marjan Kuchaki Rafsanjani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3937548/publications.pdf>

Version: 2024-02-01

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	Cluster head selection using hesitant fuzzy and firefly algorithm in wireless sensor networks. <i>Evolving Systems</i> , 2022, 13, 65-84.	3.9	7
2	Fuzzy multi-hop clustering protocol: Selection fuzzy input parameters and rule tuning for WSNs. <i>Applied Soft Computing Journal</i> , 2021, 99, 106923.	7.2	24
3	A trust infrastructure based authentication method for clustered vehicular ad hoc networks. <i>Peer-to-Peer Networking and Applications</i> , 2021, 14, 2537-2553.	3.9	82
4	Leaf Recognition Based on Image Processing. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 209-229.	0.8	0
5	A Practical Review on Intrusion Detection Systems by Known Data Mining Methods. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 189-208.	0.8	0
6	Energy Refining Balance with Ant Colony System for Cloud Placement Machines. <i>Journal of Grid Computing</i> , 2021, 19, 1.	3.9	7
7	A Review on Lung Cancer Diagnosis Using Data Mining Algorithms. <i>Current Medical Imaging</i> , 2021, 17, 16-26.	0.8	4
8	A novel image encryption scheme based on multi-directional diffusion technique and integrated chaotic map. <i>Neural Computing and Applications</i> , 2021, 33, 14311-14326.	5.6	10
9	Intrusion detection system using a new fuzzy rule-based classification system based on genetic algorithm. <i>Intelligent Decision Technologies</i> , 2021, 15, 231-237.	0.9	8
10	Online one pass clustering of data streams based on growing neural gas and fuzzy inference systems. <i>Expert Systems</i> , 2021, 38, e12736.	4.5	1
11	Efficient and Secure Routing Protocol Based on Artificial Intelligence Algorithms With UAV-Assisted for Vehicular Ad Hoc Networks in Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 4757-4769.	8.0	167
12	A combination of clustering-based under-sampling with ensemble methods for solving imbalanced class problem in intelligent systems. <i>Technological Forecasting and Social Change</i> , 2021, 169, 120796.	11.6	9
13	An energy aware grouping memetic algorithm to schedule the sensing activity in WSNs-based IoT for smart cities. <i>Applied Soft Computing Journal</i> , 2021, 108, 107473.	7.2	34
14	Multi-task Scheduling Algorithm Based on Self-adaptive Hybrid ICA-PSO Algorithm in Cloud Environment. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 422-431.	0.6	2
15	An Anomaly Detection System Based on Clustering and Fuzzy Set Theory in VANETs. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 399-407.	0.6	0
16	Classification of Plants Leave Using Image Processing and Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 229-238.	0.6	0
17	A new hybrid genetic algorithm for job shop scheduling problem. <i>International Journal of Advanced Intelligence Paradigms</i> , 2020, 16, 157.	0.3	5
18	QMM-VANET: An efficient clustering algorithm based on QoS and monitoring of malicious vehicles in vehicular ad hoc networks. <i>Journal of Systems and Software</i> , 2020, 165, 110561.	4.5	52

#	ARTICLE	IF	CITATIONS
19	A survey on security challenges in cloud computing: issues, threats, and solutions. Journal of Supercomputing, 2020, 76, 9493-9532.	3.6	221
20	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
21	A new hybrid genetic algorithm for job shop scheduling problem. International Journal of Advanced Intelligence Paradigms, 2020, 16, 157.	0.3	2
22	Using deep reinforcement learning approach for solving the multiple sequence alignment problem. SN Applied Sciences, 2019, 1, 1.	2.9	17
23	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
24	Community Detection in Social Networks. Studies in Systems, Decision and Control, 2019, , 273-293.	1.0	2
25	Community detection in complex networks using structural similarity. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 882-891.	2.6	45
26	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
27	Cluster head selection using hesitant fuzzy in Wireless Sensor Networks. , 2018, , .		4
28	Development of a hybrid neuro-fuzzy system as a diagnostic tool for Type 2 Diabetes Mellitus. , 2018, , .		6
29	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
30	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
31	Some connections between BCK-algebras and n-ary block codes. Soft Computing, 2018, 22, 41-46.	3.6	15
32	Memetic fuzzy clustering protocol for wireless sensor networks: Shuffled frog leaping algorithm. Applied Soft Computing Journal, 2018, 71, 568-590.	7.2	48
33	A genetic approach in procedural content generation for platformer games level creation. , 2017, , .		7
34	Hierarchical distributed management clustering protocol for wireless sensor networks. Telecommunication Systems, 2017, 65, 193-214.	2.5	25
35	A Survey of Advanced LEACH-based Protocols. International Journal of Energy Information and Communications, 2016, 7, 1-16.	0.1	12
36	Modeling and optimization of Quality of Service routing in Mobile Ad hoc Networks. Open Physics, 2016, 14, 498-507.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Chaotic time series prediction by artificial neural networks. Journal of Computational Methods in Sciences and Engineering, 2016, 16, 599-615.	0.2	18
38	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
39	On codes based on BCK-algebras. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2133-2137.	1.4	7
40	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
41	Distributed denial of service attacks and detection mechanisms. Journal of Computational Methods in Sciences and Engineering, 2015, 14, 329-345.	0.2	1
42	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
43	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
44	A fuzzy system approach to multilateral automated negotiation in B2C e-commerce. Neural Computing and Applications, 2014, 25, 367-377.	5.6	5
45	QARIMA: A new approach to prediction in queue theory. Applied Mathematics and Computation, 2014, 244, 514-525.	2.2	11
46	Benchmark of Different Gradient Descents in OCR. Cybernetics and Information Technologies, 2014, 14, 114-126.	1.1	2
47	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
48	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
49	A new method for improving security in MANETs AODV Protocol. Management Science Letters, 2012, 2, 2271-2280.	1.5	3
50	A new generalization of fuzzy BCK/BCI-algebras. Neural Computing and Applications, 2012, 21, 813-819.	5.6	3
51	Preface of the "First Symposium on Advances in Computer Science and Applied Mathematics (ACSAM) Tj ETQq1 1 0.784314 rgBT	0	0
52	A New Combinational Selection Operator in Genetic Algorithm. , 2011, , .		2
53	Energy Aware Clustering Algorithms for Wireless Sensor Networks. , 2011, , .		0
54	A Study on the Stream Cipher Embedded Magic Square of Random Access Files. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
55	Convex Vague Sets with Respect to a t-Norm. , 2011, , .		0
56	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
57	Comment on the Improvement of an Efficient ID-Based RSA Mutlisignature. Communications in Computer and Information Science, 2011, , 534-540.	0.5	0
58	Fuzzy n-fold ideals in BCH-algebras. Neural Computing and Applications, 2010, 19, 775-783.	5.6	2
59	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
60	An Optimal Method for Detecting Internal and External Intrusion in MANET. Communications in Computer and Information Science, 2010, , 71-82.	0.5	6
61	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
62	An Efficient Method for Detecting Misbehaving Zone Manager in MANET. Communications in Computer and Information Science, 2010, , 11-21.	0.5	0
63	An Efficient Method for Identifying IDS Agent Nodes by Discovering Compromised Nodes in MANET. , 2009, , .		6
64	Efficient forward and reverse converters for a new high-radix moduli set. , 2008, , .		1
65	A New Residue to Binary Converter Based on Mixed-Radix Conversion. , 2008, , .		19
66	Efficient Ternary Galois Field Circuit Design Through Carbon Nanotube Technology. , 2008, , .		0