Farhan Aadil

List of Publications by Year
in descending order

50 papers	1,577 citations	331538 21 h-index
52 all docs	52 docs citations	52 times ranked

302012 39 g-index
1379 citing authors

#	Article	IF	Citations
1	An efficient cluster optimization framework for internet of things (IoT) based Wireless Body Area Networks. Journal of Enterprise Information Management, 2023, 36, 839-860.	4.4	3
2	An Evolutionary Algorithm-Based Vehicular Clustering Technique for VANETs. IEEE Access, 2022, 10, 14368-14385.	2.6	12
3	A deep feature-based real-time system for Alzheimer disease stage detection. Multimedia Tools and Applications, 2021, 80, 35789-35807.	2.6	62
4	An Intelligent Cluster Optimization Algorithm for Smart Body Area Networks. Computers, Materials and Continua, 2021, 67, 3795-3814.	1.5	2
5	Remote Health Monitoring Using IoT-Based Smart Wireless Body Area Network. Computers, Materials and Continua, 2021, 68, 2499-2513.	1.5	16
6	An Optimized and Efficient Routing Protocol Application for IoV. Mathematical Problems in Engineering, 2021, 2021, 1-32.	0.6	14
7	Social distancing enhanced automated optimal design of physical spaces in the wake of the COVID-19 pandemic. Sustainable Cities and Society, 2021, 68, 102791.	5.1	30
8	A low-complexity, energy-efficient data securing model for wireless sensor network based on linearly complex voice encryption mechanism of GSM technology. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110186.	1.3	3
9	Meta-heuristic-based offloading task optimization in mobile edge computing. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110230.	1.3	9
10	Adaptive Node Clustering for Underwater Sensor Networks. Sensors, 2021, 21, 4514.	2.1	17
11	An UAV-assisted VANET architecture for intelligent transportation system in smart cities. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110317.	1.3	39
12	Alzheimer Disease Detection Techniques and Methods: A Review. International Journal of Interactive Multimedia and Artificial Intelligence, 2021, 6, 26.	1.0	13
13	An Efficient Segmentation Technique for Urdu Optical Character Recognizer (OCR). Lecture Notes in Networks and Systems, 2020, , 131-141.	0.5	8
14	A local and global event sentiment based efficient stock exchange forecasting using deep learning. International Journal of Information Management, 2020, 50, 432-451.	10.5	91
15	IMOC: Optimization Technique for Drone-Assisted VANET (DAV) Based on Moth Flame Optimization. Wireless Communications and Mobile Computing, 2020, 2020, 1-29.	0.8	14
16	Optimized Node Clustering in VANETs by Using Meta-Heuristic Algorithms. Electronics (Switzerland), 2020, 9, 394.	1.8	48
17	Optimized Gabor Feature Extraction for Mass Classification Using Cuckoo Search for Big Data E-Healthcare. Journal of Grid Computing, 2019, 17, 239-254.	2.5	36
18	Social media signal detection using tweets volume, hashtag, and sentiment analysis. Multimedia Tools and Applications, 2019, 78, 3553-3586.	2.6	34

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19	A Data Augmentation-Based Framework to Handle Class Imbalance Problem for Alzheimerâ€™s Stage Detection. IEEE Access, 2019, 7, 115528-115539.	2.6	66
20	An Intelligent Event-Sentiment-Based Daily Foreign Exchange Rate Forecasting System. Applied Sciences (Switzerland), 2019, 9, 2980.	1.3	31
21	Privacy-based medical data protection against internal security threats in heterogeneous Internet of Medical Things. International Journal of Distributed Sensor Networks, 2019, 15, 155014771987565.	1.3	19
22	Intelligent clustering using moth flame optimizer for vehicular ad hoc networks. International Journal of Distributed Sensor Networks, 2019, 15, 155014771882446.	1.3	21
23	Moth Flame Clustering Algorithm for Internet of Vehicle (MFCA-IoV). IEEE Access, 2019, 7, 11613-11629.	2.6	52
24	Transfer Learning Assisted Classification and Detection of Alzheimerâ€™s Disease Stages Using 3D MRI Scans. Sensors, 2019, 19, 2645.	2.1	120
25	Internet of Medical Thingsâ€"based decision system for automated classification of Alzheimerâ€™s using three-dimensional views of magnetic resonance imaging scans. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983118.	1.3	10
26	Traffic Load Balancing Using Software Defined Networking (SDN) Controller as Virtualized Network Function. IEEE Access, 2019, 7, 46646-46658.	2.6	40
27	An IoT based efficient hybrid recommender system for cardiovascular disease. Peer-to-Peer Networking and Applications, 2019, 12, 1263-1276.	2.6	70
28	Adaptive Node Clustering Technique for Smart Ocean Under Water Sensor Network (SOSNET). Sensors, 2019, 19, 1145.	2.1	26
29	Fuzzy Logicâ€"based Efficient Interest Forwarding (FLEIF) in Named Data Networking. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3577.	2.6	1
30	Directed Acyclic Graph Based Task Scheduling Algorithm for Heterogeneous Systems. Advances in Intelligent Systems and Computing, 2019, , 936-947.	0.5	5
31	Parental Prioritization-Based Task Scheduling in Heterogeneous Systems. Arabian Journal for Science and Engineering, 2019, 44, 3943-3952.	1.7	13
32	Energy efficient cluster based routing algorithm for wireless sensors networks. , 2018, , .		13
33	A Route Optimized Distributed IP-Based Mobility Management Protocol for Seamless Handoff across Wireless Mesh Networks. Mobile Networks and Applications, 2018, 23, 752-774.	2.2	8
34	Grey wolf optimization based clustering algorithm for vehicular ad-hoc networks. Computers and Electrical Engineering, 2018, 70, 853-870.	3.0	147
35	A dimensionality reduction-based efficient software fault prediction using Fisher linear discriminant analysis (FLDA). Journal of Supercomputing, 2018, 74, 4568-4602.	2.4	52
36	Clustering algorithm for internet of vehicles (IoV) based on dragonfly optimizer (CAVDO). Journal of Supercomputing, 2018, 74, 4542-4567.	2.4	82

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37	A Robust Regression-Based Stock Exchange Forecasting and Determination of Correlation Between Stock Markets. Sustainability, 2018, 10, 3702.	1.6	14
38	Remote Sensing: An Automated Methodology for Olive Tree Detection and Counting in Satellite Images. IEEE Access, 2018, 6, 77816-77828.	2.6	31
39	CAMONET: Moth-Flame Optimization (MFO) Based Clustering Algorithm for VANETs. IEEE Access, 2018, 6, 48611-48624.	2.6	66
40	Energy Aware Cluster-Based Routing in Flying Ad-Hoc Networks. Sensors, 2018, 18, 1413.	2.1	113
41	Implementation of evolutionary algorithms in vehicular ad-hoc network for cluster optimization. , 2017, , .		10
42	Optimization of vehicular node clustering process using evolutionary algorithms. , 2017, , .		1
43	Fuzzy Logic Based Enhanced AOMDV with Link Status Classification for Efficient Multi-Path Routing in Multi-Hop Wireless Networks. Journal of Computational and Theoretical Nanoscience, 2017, 14, 620-630.	0.4	4
44	CACONET: Ant Colony Optimization (ACO) Based Clustering Algorithm for VANET. PLoS ONE, 2016, 11, e0154080.	1.1	95
45	A Survey on Mobility Management Techniques in VANETs. , 2016, , .		5
46	News Headlines Classification Using Probabilistic Approach. VAWKUM Transactions on Computer Sciences, 2015, 7, .	0.3	4
47	Modern routing protocol for VanNETs (MODNET). , 2011, , .		0
48	Implementation of VANET-based Warning Generation System using Cellular Networks, GPS, and Passive RFID Tags. The Smart Computing Review, 0, , .	0.4	3
49	An Improved Inspection Meeting Process-The 7 Pâ€Ÿs. International Journal of Computer and Communication Engineering, 0, , 172-174.	0.2	0
50	An adaptive fault tolerance strategy for cloud storage. KSII Transactions on Internet and Information Systems, 0, , .	0.7	1