

Manju Khari

List of Publications by Year in descending order

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77
papers

1,602
citations

331670

21
h-index

330143

37
g-index

81
all docs

81
docs citations

81
times ranked

1215
citing authors

#	ARTICLE	IF	CITATIONS
1	An Evolutionary SVM Model for DDOS Attack Detection in Software Defined Networks. IEEE Access, 2020, 8, 132502-132513.	4.2	132
2	Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 73-80.	9.3	104
3	Energy enhancement using Multiobjective Ant colony optimization with Double Q learning algorithm for IoT based cognitive radio networks. Computer Communications, 2020, 154, 481-490.	5.1	103
4	Enhanced resource allocation in mobile edge computing using reinforcement learning based MOACO algorithm for IIOT. Computer Communications, 2020, 151, 355-364.	5.1	97
5	ARMâ€“AMO: An efficient association rule mining algorithm based on animal migration optimization. Knowledge-Based Systems, 2018, 154, 68-80.	7.1	76
6	Collaborative handshaking approaches between internet of computing and internet of things towards a smart world: a review from 2009â€“2017. Telecommunication Systems, 2019, 70, 617-634.	2.5	74
7	Empirical Study of Software Defect Prediction: A Systematic Mapping. Symmetry, 2019, 11, 212.	2.2	62
8	Gesture Recognition of RGB and RGB-D Static Images Using Convolutional Neural Networks. International Journal of Interactive Multimedia and Artificial Intelligence, 2019, 5, 22.	1.3	56
9	A Deep Learning Model Based on Multi-Objective Particle Swarm Optimization for Scene Classification in Unmanned Aerial Vehicles. IEEE Access, 2020, 8, 135383-135393.	4.2	52
10	Assessment of Code Smell for Predicting Class Change Proneness Using Machine Learning. IEEE Access, 2019, 7, 37414-37425.	4.2	45
11	R-CNN and wavelet feature extraction for hand gesture recognition with EMG signals. Neural Computing and Applications, 2020, 32, 16723-16736.	5.6	43
12	An extensive evaluation of search-based software testing: a review. Soft Computing, 2019, 23, 1933-1946.	3.6	42
13	Biometric iris recognition using radial basis function neural network. Soft Computing, 2019, 23, 11801-11815.	3.6	41
14	Optimized test suites for automated testing using different optimization techniques. Soft Computing, 2018, 22, 8341-8352.	3.6	37
15	A holistic overview of deep learning approach in medical imaging. Multimedia Systems, 2022, 28, 881-914.	4.7	37
16	Fingerprint image enhancement and reconstruction using the orientation and phase reconstruction. Information Sciences, 2020, 530, 201-218.	6.9	36
17	Neutrosophic soft set decision making for stock trending analysis. Evolving Systems, 2019, 10, 621-627.	3.9	31
18	Detection of DDOS Attack using Deep Learning Model in Cloud Storage Application. Wireless Personal Communications, 2022, 127, 419-439.	2.7	31

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19	Performance analysis of six meta-heuristic algorithms over automated test suite generation for path coverage-based optimization. <i>Soft Computing</i> , 2020, 24, 9143-9160.	3.6	29
20	Heuristic search-based approach for automated test data generation: a survey. <i>International Journal of Bio-Inspired Computation</i> , 2013, 5, 1.	0.9	27
21	3D Face Reconstruction From Single 2D Image Using Distinctive Features. <i>IEEE Access</i> , 2020, 8, 180681-180689.	4.2	26
22	Tree-based convolutional neural networks for object classification in segmented satellite images. <i>International Journal of High Performance Computing Applications</i> , 0, , 109434202094502.	3.7	26
23	Fine-Tuned Residual Network-Based Features With Latent Variable Support Vector Machine-Based Optimal Scene Classification Model for Unmanned Aerial Vehicles. <i>IEEE Access</i> , 2020, 8, 118396-118404.	4.2	22
24	A Blockchain Framework to Secure Personal Health Record (PHR) in IBM Cloud-Based Data Lake. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-19.	1.7	21
25	Defining Malicious Behavior of a Node and its Defensive Methods in Ad Hoc Network. <i>International Journal of Computer Applications</i> , 2011, 20, 18-21.	0.2	18
26	A route selection approach for variable data transmission in wireless sensor networks. <i>Cluster Computing</i> , 2020, 23, 1697-1709.	5.0	17
27	Hybrid optimization routing management for autonomous underwater vehicle in the internet of underwater things. <i>Earth Science Informatics</i> , 2021, 14, 441-456.	3.2	17
28	Energy efficiency maximization algorithm for underwater Mobile sensor networks. <i>Earth Science Informatics</i> , 2021, 14, 215-225.	3.2	15
29	Optimal routing strategy based on extreme learning machine with beetle antennae search algorithm for Low Earth Orbit satellite communication networks. <i>International Journal of Satellite Communications and Networking</i> , 2021, 39, 305-317.	1.8	15
30	Bitcoin exclusively informational money: a valuable review from 2010 to 2017. <i>Quality and Quantity</i> , 2018, 52, 2037-2054.	3.7	14
31	Mobile Ad Hoc Networks Security Attacks and Secured Routing Protocols: A Survey. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012, , 119-124.	0.3	13
32	A Review on Intrusion Detection Systems and Techniques. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2020, 28, 65-91.	1.9	13
33	EESSMT: An Energy Efficient Hybrid Scheme for Securing Mobile Ad hoc Networks Using IoT. <i>Wireless Personal Communications</i> , 2022, 126, 2149-2173.	2.7	13
34	Role of Cyber Security and Cyber Forensics in India. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2018, , 143-161.	0.5	13
35	Feature based video stabilization based on boosted HAAR Cascade and representative point matching algorithm. <i>Image and Vision Computing</i> , 2020, 101, 103957.	4.5	12
36	A Novel Approach in Prediction of Crop Production Using Recurrent Cuckoo Search Optimization Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9816.	2.5	12

#	ARTICLE	IF	CITATIONS
37	Role of Cyber Security in Today's Scenario. Advances in Information Security, Privacy, and Ethics Book Series, 2017, , 177-191.	0.5	11
38	Proliferation of Opportunistic Routing: A Systematic Review. IEEE Access, 2022, 10, 5855-5883.	4.2	11
39	Autoencoder for Design of Mitigation Model for DDOS Attacks via M-DBNN. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	1.2	11
40	Survey of Trust Schemes on Ad-Hoc Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 170-180.	0.3	10
41	A New Approach for Construction of Geodemographic Segmentation Model and Prediction Analysis. Computational Intelligence and Neuroscience, 2019, 2019, 1-10.	1.7	10
42	Empirical Evaluation of Automated Test Suite Generation and Optimization. Arabian Journal for Science and Engineering, 2020, 45, 2407-2423.	3.0	9
43	The integration of blockchain and IoT edge devices for smart agriculture: Challenges and use cases. Advances in Computers, 2022, , 507-537.	1.6	9
44	A Dual Band Notched Ultra-Wideband Antenna. Wireless Personal Communications, 2020, 110, 1021-1032.	2.7	8
45	A Novel Approach for Software Test Data Generation using Cuckoo Algorithm. , 2016, , .		7
46	Evolutionary Computation-Based Techniques Over Multiple Data Sets: An Empirical Assessment. Arabian Journal for Science and Engineering, 2018, 43, 3875-3885.	3.0	7
47	Persuasive Simulation of Optimized Protocol for OppNet. Dynamic Systems and Applications, 2021, 30, .	0.2	7
48	Detection of DDOS Attack Using IDS Mechanism: A Review. , 2022, , .		7
49	A Novel Method for Test Path Prioritization using Centrality Measures. International Journal of Open Source Software and Processes, 2016, 7, 19-38.	0.6	6
50	Empirical Analysis of Energy-Efficient Hybrid Protocol Under Black Hole Attack in MANETs. Advances in Intelligent Systems and Computing, 2021, , 725-734.	0.6	6
51	An Algorithm to Detect Attacks in Mobile Ad Hoc Network. Communications in Computer and Information Science, 2011, , 336-341.	0.5	6
52	Enhanced approach for test suite optimisation using genetic algorithm. International Journal of Computer Aided Engineering and Technology, 2019, 11, 653.	0.2	5
53	On the Use of Meta-Heuristic Algorithms for Automated Test Suite Generation in Software Testing. Studies in Systems, Decision and Control, 2021, , 149-197.	1.0	5
54	Authenticity check to provide trusted platform in MANET (ACTP). , 2012, , .		4

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55	CamAspect: An Intelligent Automated Real-Time Surveillance System With Smartphone Indexing. , 2020, 4, 1-4.		4
56	Defining Malicious Behavior of a Node and its Defensive Techniques in Ad Hoc Networks. International Journal of Smart Sensors and Ad Hoc Networks, 2011, , 17-20.	0.8	4
57	De-CAPTCHA: A novel DFS based approach to solve CAPTCHA schemes. Computers and Electrical Engineering, 2022, 97, 107593.	4.8	4
58	Empirical Evaluation of Hill Climbing Algorithm. International Journal of Applied Metaheuristic Computing, 2017, 8, 27-40.	0.7	3
59	Empirical Analysis of Routing Protocols in Opportunistic Network. Advances in Intelligent Systems and Computing, 2021, , 695-703.	0.6	3
60	Metrics Analysis in Object Oriented and Aspect Oriented Programming. Recent Patents on Engineering, 2019, 13, 117-122.	0.4	3
61	Smart Cities. , 2016, , .		2
62	Comprehensive Study of Cloud Computing and Related Security Issues. Advances in Intelligent Systems and Computing, 2018, , 699-707.	0.6	2
63	Recent Research in Network Security Analytics. International Journal of Sensors, Wireless Communications and Control, 2018, 8, 2-4.	0.7	2
64	Exploiting feature space using overlapping windows for improving biometric recognition. Computers and Electrical Engineering, 2021, 96, 107552.	4.8	2
65	8-Port MIMO Antenna Having Two Notched Bands for Chipless UWB-RFID Tags. IEEE Journal of Radio Frequency Identification, 2022, 6, 355-360.	2.3	2
66	An Elliptical CPW Fed UWB Slot Antenna. Wireless Personal Communications, 2021, 119, 2253-2263.	2.7	1
67	Role of Cyber Security in Today's Scenario. , 2018, , 1-15.		1
68	Hindi Optical Character Recognition and Its Applications. Advances in Information Security, Privacy, and Ethics Book Series, 2017, , 28-39.	0.5	1
69	Peculiar Effectual Approach: Q-Routing in Opportunistic Network. Lecture Notes in Electrical Engineering, 2022, , 609-615.	0.4	1
70	Artificial Intelligence-Based Smart Packet Filter. Lecture Notes in Networks and Systems, 2023, , 791-801.	0.7	1
71	Prevention Algorithm against the Vulnerability of Type 0 Routing Header in Ipv6. , 2011, , .		0
72	Search-Based Secure Software Testing: A Survey. Advances in Intelligent Systems and Computing, 2019, , 375-381.	0.6	0

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73	An Algorithm to Detect Attacks in Mobile Ad Hoc Network. International Journal of Smart Sensors and Ad Hoc Networks, 2011, , 21-23.	0.8	0
74	An Approach for Establishing Trust among Nodes in Ad Hoc Network. International Journal of Smart Sensors and Ad Hoc Networks, 2011, , 24-27.	0.8	0
75	Role of Cyber Security and Cyber Forensics in India. , 2019, , 1349-1368.		0
76	Voltage Regulation using Probabilistic and Fuzzy Controlled Dynamic Voltage Restorer for Oil and Gas Industry. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 49-64.	1.9	0
77	Crowd analytics: literature and technological assessment. Multimedia Tools and Applications, 0, , 1.	3.9	0