

Amudhavel J

List of Publications by Year in descending order

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47
papers

534
citations

1478505

6
h-index

1281871

11
g-index

47
all docs

47
docs citations

47
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of COVID-19 Using Genetic Deep Learning Convolutional Neural Network (GDCNN). IEEE Access, 2020, 8, 177647-177666.	4.2	80
2	GWO-LPWSN: Grey Wolf Optimization Algorithm for Node Localization Problem in Wireless Sensor Networks. Journal of Computer Networks and Communications, 2017, 2017, 1-10.	1.6	78
3	A bio inspired Energy-Aware Multi objective Chiropteran Algorithm (EAMOCA) for hybrid cloud computing environment. , 2014, , .		62
4	A heuristic fault tolerant MapReduce framework for minimizing makespan in Hybrid Cloud Environment. , 2014, , .		52
5	Effective Maintenance of Replica in Distributed Network Environment Using DST. , 2010, , .		44
6	Interpretation and evaluation of various hybrid energy aware technologies in cloud computing environment — A detailed survey. , 2014, , .		42
7	Directed Bee Colony Optimization Algorithm to Solve the Nurse Rostering Problem. Computational Intelligence and Neuroscience, 2017, 2017, 1-26.	1.7	27
8	Nonlinear Reconstruction of Images from Patterns Generated by Deterministic or Random Optical Masks–Concepts and Review of Research. Journal of Imaging, 2022, 8, 174.	3.0	18
9	An robust recursive ant colony optimization strategy in VANET for accident avoidance (RACO-VANET). , 2015, , .		14
10	Non-homogeneous hidden Markov model approach for load balancing in web server farms (NH²M²-WSF). , 2015, , .		10
11	Recursive Ant Colony Optimization Routing in Wireless Mesh Network. Advances in Intelligent Systems and Computing, 2016, , 341-351.	0.6	10
12	A Predictive Performance Analysis of Vitamin D Deficiency Severity Using Machine Learning Methods. IEEE Access, 2020, 8, 109492-109507.	4.2	10
13	A Survey of Reversible Watermarking Techniques, Application and Attacks. , 2015, , .		9
14	Perspectives, Motivations and Implications Of Big Data Analytics. , 2015, , .		8
15	A Novel Based Algorithm for the Prediction of Abnormal Heart Rate Using Bayesian Algorithm in the Wireless Sensor Network. , 2015, , .		8
16	A Hidden Markov Model for Fault Tolerant Communication in VANETS. , 2015, , .		6
17	A krill herd optimization based fault tolerance strategy in MANETs for dynamic mobility. , 2015, , .		6
18	A bio-inspired artificial bee colony approach for dynamic independent connectivity patterns in VANET. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
19	An QoS based multifaceted matchmaking framework for web services discovery. Future Computing and Informatics Journal, 2018, 3, 371-383.	0.6	5
20	A hybrid ACO-PSO based clustering protocol in VANET. , 2015, , .		4
21	Backtracking performance analysis of Internet protocol for DDoS flooding detection. , 2015, , .		4
22	Impact on Self-Organization in Mobile Adhoc Networks. , 2015, , .		3
23	Research on QoS aware dynamic reconfiguration and performance measures in VANET. , 2015, , .		3
24	Multi-Objective Clustering Methodologies and its Applications in VANET. , 2015, , .		3
25	A Chaotic Krill Herd Optimization Approach In VANET For Congestion Free Effective Multi Hop Communication. , 2015, , .		3
26	A Distributed Spanning Tree-Based Dynamic Self-Organizational Framework for Web Server. Advances in Intelligent Systems and Computing, 2016, , 333-339.	0.6	3
27	Demystifying Challenges, Opportunities and Issues of Big Data Frameworks. , 2015, , .		2
28	A Fault Tolerant Distributed Self Organization in Peer To Peer (P2P) Using Krill Herd Optimization. , 2015, , .		2
29	Efficient personal identification using multimodal biometrics. , 2015, , .		2
30	An Scalable Bandwidth Reduction And Optimization in Smart Phone Ad hoc Network (SPAN) Using Krill Herd Algorithm. , 2015, , .		2
31	A Novel Bio-Inspired Krill Herd Optimization in Wireless Ad-Hoc Network (WANET) for Effective Routing. , 2015, , .		2
32	Intelligent Collision Avoidance Approach in VANET Using Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2016, , 545-551.	0.6	2
33	Performance Evaluation of Dynamic Clustering of vehicles in VANET. , 2015, , .		1
34	Quantitative analysis on various safety centric based approaches in VANET. , 2015, , .		1
35	Enhancing the Interactivity in Distributed Interactive Applications. Advances in Intelligent Systems and Computing, 2016, , 553-560.	0.6	1
36	EODVGA: An Enhanced ODV Based Genetic Algorithm for Multi-Depot Vehicle Routing Problem. EAI Endorsed Transactions on Scalable Information Systems, 2019, 6, 159099.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Load Balancing Policies of Web Servers: Research Analysis, Classification and Perspectives. EAI Endorsed Transactions on Scalable Information Systems, 2019, 6, 159098.	0.8	1
38	A Scalable Service Oriented Consistency Model For Cloud Environment (SSOCM). , 2015, , .		0
39	A comprehensive analysis and performance assessment on QoS aware web service selection algorithms. , 2015, , .		0
40	A Comprehensive Survey on Variants And Its Extensions Of Big Data In Cloud Environment. , 2015, , .		0
41	Big Data Scalability, Methods and its Implications. , 2015, , .		0
42	Efficient Route Discovery in VANET Using Binary Bat Approach. Advances in Intelligent Systems and Computing, 2016, , 529-536.	0.6	0
43	A Distributed Spanning Tree-Based Scalable Fault-Tolerant Algorithm for Load Balancing in Web Server Farms. Algorithms for Intelligent Systems, 2021, , 713-718.	0.6	0
44	Fault tolerant load balancing in vehicular communication using distributed spanning tree. EAI Endorsed Transactions on Scalable Information Systems, 2018, 5, 154827.	0.8	0
45	Selective lookup and intercommunication in grid (SLIC) adapting the distributed spanning tree to grid computing. EAI Endorsed Transactions on Scalable Information Systems, 2018, 5, 154826.	0.8	0
46	Alzheimer's Ailment Prediction Using Neuroimage Based on Machine Learning Methods. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 89-94.	0.7	0
47	A novel self-organisation model for improving the performance of permutation coded genetic algorithm. International Journal of Advanced Intelligence Paradigms, 2020, 17, 299.	0.3	0