

Manu Vardhan

List of Publications by Year in descending order

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65
papers

1,017
citations

471061

17
h-index

476904

29
g-index

67
all docs

67
docs citations

67
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost Effective Genetic Algorithm for Workflow Scheduling in Cloud Under Deadline Constraint. IEEE Access, 2016, 4, 5065-5082.	2.6	97
2	An adaptive inertia weight teaching-learning-based optimization algorithm and its applications. Applied Mathematical Modelling, 2020, 77, 309-326.	2.2	81
3	A new hybrid wrapper TLBO and SA with SVM approach for gene expression data. Information Sciences, 2019, 503, 238-254.	4.0	72
4	A hybrid gene selection method for microarray recognition. Biocybernetics and Biomedical Engineering, 2018, 38, 975-991.	3.3	58
5	Gene selection for cancer types classification using novel hybrid metaheuristics approach. Swarm and Evolutionary Computation, 2020, 54, 100661.	4.5	54
6	A two-stage gene selection method for biomarker discovery from microarray data for cancer classification. Chemometrics and Intelligent Laboratory Systems, 2018, 183, 47-58.	1.8	52
7	A New Hybrid Feature Subset Selection Framework Based on Binary Genetic Algorithm and Information Theory. International Journal of Computational Intelligence and Applications, 2019, 18, .	0.6	41
8	An effect of chaos grasshopper optimization algorithm for protection of network infrastructure. Computer Networks, 2020, 176, 107251.	3.2	39
9	A survey of android application and malware hardening. Computer Science Review, 2021, 39, 100365.	10.2	37
10	Building an efficient intrusion detection system using grasshopper optimization algorithm for anomaly detection. Cluster Computing, 2021, 24, 1881-1900.	3.5	35
11	Implementation of adaptive scheme in evolutionary technique for anomaly-based intrusion detection. Evolutionary Intelligence, 2020, 13, 103-117.	2.3	33
12	A hybrid framework for optimal feature subset selection. Journal of Intelligent and Fuzzy Systems, 2019, 36, 2247-2259.	0.8	28
13	Distributed Ledger Technology based Property Transaction System with Support for IoT Devices. International Journal of Cloud Applications and Computing, 2019, 9, 60-78.	1.1	25
14	Computing Optimal Block Size for Blockchain based Applications with Contradictory Objectives. Procedia Computer Science, 2020, 171, 1389-1398.	1.2	22
15	Defense against distributed DoS attack detection by using intelligent evolutionary algorithm. International Journal of Computers and Applications, 2022, 44, 219-229.	0.8	22
16	BLADE: Robust malware detection against obfuscation in android. Forensic Science International: Digital Investigation, 2021, 38, 301176.	1.2	20
17	Incorporating evolutionary computation for securing wireless network against cyberthreats. Journal of Supercomputing, 2020, 76, 8691-8728.	2.4	17
18	BERT-Based Transfer-Learning Approach for Nested Named-Entity Recognition Using Joint Labeling. Applied Sciences (Switzerland), 2022, 12, 976.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Neighbour teaching learning based optimization for global optimization problems. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1583-1594.	0.8	15
20	Blockchain-based e-cheque clearing framework with trust based consensus mechanism. Cluster Computing, 2021, 24, 851-865.	3.5	15
21	Signature Based Malicious Behavior Detection in Android. Communications in Computer and Information Science, 2020, , 251-262.	0.4	15
22	PWEBSA: Twitter sentiment analysis by combining Plutchik wheel of emotion and word embedding. International Journal of Information Technology (Singapore), 2022, 14, 69-77.	1.8	15
23	PICAndro: Packet InspeCtion-Based Android Malware Detection. Security and Communication Networks, 2021, 2021, 1-11.	1.0	14
24	An Assistive Tool For Fileless Malware Detection. , 2021, , .		13
25	Privacy preserving, verifiable and efficient outsourcing algorithm for matrix multiplication to a malicious cloud server. Cogent Engineering, 2017, 4, 1295783.	1.1	12
26	Multi-objective Optimization of Block Size Based on CPU Power and Network Bandwidth for Blockchain Applications. Lecture Notes in Electrical Engineering, 2021, , 69-78.	0.3	12
27	A Versatile Approach for the Estimation of Software Development Effort Based on SRS Document. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 1-42.	0.6	11
28	Blockchain based e-Cheque Clearing Framework. Scalable Computing, 2019, 20, 511-526.	0.7	11
29	Data outsourcing: A threat to confidentiality, integrity, and availability. , 2015, , .		10
30	Distributed Denial-of-Service Prediction on IoT Framework by Learning Techniques. Open Computer Science, 2020, 10, 220-230.	1.3	10
31	Active learning approach using a modified least confidence sampling strategy for named entity recognition. Progress in Artificial Intelligence, 2021, 10, 113-128.	1.5	9
32	An Improved History-Based Test Prioritization Technique Technique Using Code Coverage. Lecture Notes in Electrical Engineering, 2015, , 437-448.	0.3	8
33	Hybrid approach for gene selection and classification using filter and genetic algorithm. , 2017, , .		8
34	Medical Diagnosis of Parkinson Disease Driven by Multiple Preprocessing Technique with Scarce Lee Silverman Voice Treatment Data. Lecture Notes in Electrical Engineering, 2019, , 407-421.	0.3	8
35	Hybrid TLBO-GSA Strategy for Constrained and Unconstrained Engineering Optimization Functions. Series in Machine Perception and Artificial Intelligence, 2018, , 41-61.	0.1	7
36	DNA Gene Expression Analysis on Diffuse Large B-Cell Lymphoma (DLBCL) Based on Filter Selection Method with Supervised Classification Method. Advances in Intelligent Systems and Computing, 2019, , 783-792.	0.5	6

#	ARTICLE	IF	CITATIONS
37	Privacy preserving, verifiable and efficient outsourcing algorithm for regression analysis to a malicious cloud. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 3413-3427.	0.8	5
38	A novel filter approach for efficient selection and small round blue-cell tumor cancer detection using microarray gene expression data. , 2017, , .		5
39	Authentication and Authorization Interface Using Security Service Level Agreements for Accessing Cloud Services. <i>Communications in Computer and Information Science</i> , 2012, , 370-382.	0.4	5
40	Forensic Analysis of Fitness Applications on Android. <i>Communications in Computer and Information Science</i> , 2022, , 222-235.	0.4	5
41	A Dynamic Fault Tolerant Threshold based Replication Mechanism in Distributed Environment. <i>Procedia Technology</i> , 2012, 6, 188-195.	1.1	4
42	Data confidentiality and integrity preserving outsourcing algorithm for matrix chain multiplication over malicious cloud server. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 34, 1251-1263.	0.8	4
43	Privacy Preserving and Efficient Outsourcing Algorithm to Public Cloud. <i>International Journal of Information Security and Privacy</i> , 2018, 12, 1-25.	0.6	4
44	Opcode n-gram based Malware Classification in Android. , 2020, , .		4
45	Multi-Parallel Adaptive Grasshopper Optimization Technique for Detecting Anonymous Attacks in Wireless Networks. <i>Wireless Personal Communications</i> , 2021, 119, 2787-2816.	1.8	4
46	Aspect-Based Sentiment Analysis of Tweets Using Independent Component Analysis (ICA) and Probabilistic Latent Semantic Analysis (pLSA). <i>Lecture Notes in Networks and Systems</i> , 2019, , 3-13.	0.5	4
47	A Transparent Service Replication Mechanism for Clouds. , 2012, , .		3
48	A novel publicly delegable secure outsourcing algorithm for large-scale matrix multiplication. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 6445-6455.	0.8	3
49	Uncertainty query sampling strategies for active learning of named entity recognition task. <i>Intelligent Decision Technologies</i> , 2021, 15, 99-114.	0.6	3
50	A demand based fault tolerant file replication model for clouds. , 2012, , .		2
51	Secure and Verifiable Outsourcing Algorithm for Large-Scale Matrix Multiplication on Public Cloud Server. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 575-586.	0.3	2
52	Demand Based File Replication and Consistency Mechanism. , 2012, , .		1
53	Ensuring Security in On-demand File Replication System. , 2012, , .		1
54	File replication and consistency maintenance mechanism in a trusted distributed environment. <i>CSI Transactions on ICT</i> , 2013, 1, 29-49.	0.7	1

#	ARTICLE	IF	CITATIONS
55	Secure & efficient delegation of system of linear equation to a malicious cloud server. , 2017, , .		1
56	Cost-effective Heuristic Workflow Scheduling Algorithm in Cloud Under Deadline Constraint. Recent Advances in Computer Science and Communications, 2021, 13, 1302-1317.	0.5	1
57	Multicore based least confidence query sampling strategy to speed up active learning approach for named entity recognition. Computing (Vienna/New York), 0, , 1.	3.2	1
58	Eager Computation and Lazy Propagation of Modifications for Reducing Synchronization Overhead in File Replication System. , 2012, , .		0
59	TBFR: a threshold-based file replication approach for increased file availability and its formal verification. International Journal of Information and Communication Technology, 2013, 5, 97.	0.1	0
60	Secure and Efficient Regression Analysis Outsourcing Algorithm for Cloud Server. , 2016, , .		0
61	Public delegation & verifiability of matrix multiplication to a malicious cloud server. , 2016, , .		0
62	Distributed Ledger Technology based Property Transaction System with Support for IoT Devices. , 2021, , 299-319.		0
63	Privacy Preserving and Efficient Outsourcing Algorithm to Public Cloud. , 2021, , 857-878.		0
64	File Replication and Dereplication of Replicaâ€™s in Distributed Environment. Communications in Computer and Information Science, 2012, , 358-369.	0.4	0
65	On the Fly File Dereplication Mechanism. Advances in Intelligent Systems and Computing, 2012, , 709-718.	0.5	0