

Valli Kumari Vatsavayi

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

437
citations

1039406

9
h-index

940134

16
g-index

86
all docs

86
docs citations

86
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular docking and dynamic simulation studies evidenced plausible immunotherapeutic anticancer property by Withaferin A targeting indoleamine 2,3-dioxygenase. Journal of Biomolecular Structure and Dynamics, 2015, 33, 2695-2709.	2.0	51
2	Feature Selection Using Relative Fuzzy Entropy and Ant Colony Optimization Applied to Real-time Intrusion Detection System. Procedia Computer Science, 2016, 85, 503-510.	1.2	49
3	A semi-supervised intrusion detection system using active learning SVM and fuzzy c-means clustering. , 2017, , .		32
4	Intrusion Detection System using Bayesian Network and Hidden Markov Model. Procedia Technology, 2012, 4, 506-514.	1.1	24
5	Cooperative privacy game: a novel strategy for preserving privacy in data publishing. Human-centric Computing and Information Sciences, 2016, 6, .	6.1	16
6	A novel rough set attribute reduction based on ant colony optimisation. International Journal of Intelligent Systems Technologies and Applications, 2015, 14, 330.	0.2	14
7	Wild-Animal Recognition in Agriculture Farms Using W-COHOG for Agro-Security. International Journal of Computational Intelligence Research, 2017, 13, 2247-2257.	0.3	14
8	Generic-distributed framework for cloud services marketplace based on unified ontology. Journal of Advanced Research, 2017, 8, 569-576.	4.4	10
9	Formal Verification of IEEE802.16m PKMv3 Protocol Using CasperFDR. Communications in Computer and Information Science, 2010, , 590-595.	0.4	10
10	Outliers Detection as Network Intrusion Detection System Using Multi Layered Framework. Communications in Computer and Information Science, 2011, , 101-111.	0.4	10
11	Analysis of a Network IO Bottleneck in Big Data Environments Based on Docker Containers. Big Data Research, 2016, 3, 24-28.	2.6	9
12	A sliding window based Self-Learning and Adaptive Load Balancer. Journal of Network and Computer Applications, 2015, 56, 188-205.	5.8	8
13	Robust ISAR image classification using Abridged Shape Matrices. , 2016, , .		8
14	Secure Group Key Distribution Using Hybrid Cryptosystem. , 2010, , .		7
15	Query optimization using clustering and Genetic Algorithm for Distributed Databases. , 2016, , .		7
16	Multi-path selection based on fractional cuckoo search algorithm for QoS aware routing in MANET. Sensor Review, 2019, 39, 218-232.	1.0	7
17	A Coalitional Game Theoretic Mechanism for Privacy Preserving Publishing Based on k-Anonymity. Procedia Technology, 2012, 6, 889-896.	1.1	6
18	A model view controller based Self-Adjusting Clustering Framework. Journal of Systems and Software, 2014, 89, 193-206.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Backup route establishment for QoS routing protocol in MANET. , 2016, , .		6
20	An Effective Calculation of Reputation in P2P Networks. Journal of Networks, 2009, 4, .	0.4	6
21	Genetic algorithm based Backup Route Establishment for QoS Routing. International Journal of Intelligent Engineering and Systems, 2017, 10, 38-46.	0.8	6
22	An Efficient Hybrid Predictive Model to Analyze the Visiting Characteristics of Web User Using Web Usage Mining. , 2010, , .		5
23	Parallel and distributed frequent-regular patternmining using vertical format in large databases. , 2012, , .		5
24	Sliding window technique to mine regular frequent patterns in data streams using vertical format. , 2012, , .		5
25	A new symmetric probabilistic encryption scheme based on random numbers. , 2014, , .		5
26	SenSim. , 2012, , .		4
27	Ant colony optimization-based firewall anomaly mitigation engine. SpringerPlus, 2016, 5, 1032.	1.2	4
28	Efficient ISAR image classification using MECSM representation. Journal of King Saud University - Computer and Information Sciences, 2018, 30, 356-372.	2.7	4
29	Formal Verification of IEEE802.11i WPA-GPG Authentication Protocol. Communications in Computer and Information Science, 2011, , 267-272.	0.4	4
30	Credibility Based Reputation Calculation in P2P Networks. Lecture Notes in Computer Science, 2008, , 188-195.	1.0	4
31	Numerical Similarity Algorithms for Cloud Service Discovery and Selection System. International Journal of Intelligent Engineering and Systems, 2017, 10, 226-234.	0.8	4
32	HDR scene detection and capturing strategy. , 2011, , .		3
33	Modeling and analysis of IEEE 802.11i WPA-PSK authentication protocol. , 2011, , .		3
34	Formal Verification of IEEE 802.11w Authentication Protocol. Procedia Technology, 2012, 6, 716-722.	1.1	3
35	Cost Effective Dynamic Concept Hierarchy Generation for Preserving Privacy. Journal of Information and Knowledge Management, 2014, 13, 1450035.	0.8	3
36	A QoS-aware self-correcting observation based load balancer. Journal of Systems and Software, 2016, 115, 111-129.	3.3	3

#	ARTICLE	IF	CITATIONS
37	A Model for Corrective Software Maintenance Effort Estimation after Privacy Leak Detection in Social Network. , 2020, , .		3
38	Attribute Based Anonymity for Preserving Privacy. Communications in Computer and Information Science, 2011, , 572-579.	0.4	3
39	ISAR Image Classification with Wavelet and Watershed Transforms. International Journal of Electrical and Computer Engineering, 2016, 6, 3087.	0.5	3
40	Distribution of Continuous Queries over Data Aggregators in Dynamic Data Dissemination Networks. Communications in Computer and Information Science, 2010, , 584-589.	0.4	3
41	Optimal exposure sets for high dynamic range scenes. , 2011, , .		2
42	Randomized symmetric block encryption. , 2012, , .		2
43	Result merging using modified Bayesian method for Meta Search Engine. , 2012, , .		2
44	Primal-dual parallel algorithm for continuous aggregate query dissemination. , 2013, , .		2
45	Analysis of Network IO Performance in Hadoop Cluster Environments Based on Docker Containers. Advances in Intelligent Systems and Computing, 2016, , 227-237.	0.5	2
46	Weighted CoHOG (W-CoHOG) Feature Extraction for Human Detection. Advances in Intelligent Systems and Computing, 2016, , 273-283.	0.5	2
47	Exponential Genetic Algorithm-Based Stable and Load-Aware QoS Routing Protocol for MANET. Journal of Intelligent Systems, 2017, 26, 669-682.	1.2	2
48	Integration of local chan vase along with optimization techniques for segmentation. , 2017, , .		2
49	Automatic Target Recognition From Inverse Synthetic Aperture Radar Images. , 2018, , 2307-2332.		2
50	Formal Verification of IEEE 802.11 Authentication Protocols. Journal of Networks, 2013, 8, .	0.4	2
51	Checking Anonymity Levels for Anonymized Data. Lecture Notes in Computer Science, 2011, , 278-289.	1.0	2
52	Impact of Outliers on Anonymized Categorical Data. Communications in Computer and Information Science, 2011, , 326-335.	0.4	2
53	Model for High Dynamic Range Imaging System Using Hybrid Feature Based Exposure Fusion. Journal of Intelligent Systems, 2020, 30, 346-360.	1.2	2
54	Comparison Shopping Agents: the essential characteristics and challenges to be met. , 2009, , .		1

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55	Scalable rekeying for dynamic groups using key path compression. , 2010, , .		1
56	ABIDS system using Hidden Markov Model. , 2011, , .		1
57	Decision support information system for water source evaluation and management in Narava Basin. , 2011, , .		1
58	An efficient approach to identify n-wMVD for eliminating data redundancy. , 2012, , .		1
59	Anonymity and Security in Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2012, , 71-82.	1.0	1
60	Privacy Preserving in Dynamic Social Networks. , 2016, , .		1
61	Hybrid Computational Intelligent Attribute Reduction System, Based on Fuzzy Entropy and Ant Colony Optimization. Advances in Intelligent Systems and Computing, 2018, , 307-318.	0.5	1
62	Retrieving TOR Browser Digital Artifacts for Forensic Evidence. Advances in Intelligent Systems and Computing, 2021, , 265-274.	0.5	1
63	Ameliorated Shape Matrix Representation for Efficient Classification of Targets in ISAR Imagery. Advances in Intelligent Systems and Computing, 2021, , 183-188.	0.5	1
64	Ligand Based Virtual Screening to Identify Potential Anti Cancer Ligands Similar to Withaferin A Targeting Indoleamine 2,3-Dioxygenase. Biosciences, Biotechnology Research Asia, 2014, 11, 887-893.	0.2	1
65	Automatic Target Recognition from Inverse Synthetic Aperture Radar Images. Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 530-555.	0.3	1
66	Detecting dependencies in an anonymized dataset. , 2012, , .		1
67	An Approach to Identify n-wMVD for Eliminating Data Redundancy. Advances in Intelligent Systems and Computing, 2013, , 89-97.	0.5	1
68	R-Tree based Density Clustering for Multispectral Images. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 4328-4335.	0.6	1
69	Policy Based Controlled Migration of Mobile Agents to Untrusted Hosts. , 2007, , .		0
70	Efficient Conference Key Distribution for Dynamic Groups. , 2010, , .		0
71	BM (Break-Merge): An Elegant Approach for Privacy Preserving Data Publishing. , 2011, , .		0
72	Parameter-lite clustering algorithm based on MST and fuzzy similarity merging. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
73	Improved Hill Climbing Based Segmentation (IHCBS) technique for CBIR system. , 2015, , .		0
74	Distributed Community Detection based on Apache Spark using Multi Label Propagation for Digital Social Networks. International Journal of Engineering and Technology(UAE), 2018, 7, 79.	0.2	0
75	High dynamic range image tone mapping technique based on the improved bitonic filter. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2019, 23, 121-129.	0.7	0
76	M-Commerce Payment Systems. , 2008, , 33-52.		0
77	M-Commerce Payment Systems. , 2009, , 192-212.		0
78	Efficient Use of Shares in Color Visual Cryptography. Communications in Computer and Information Science, 2012, , 311-319.	0.4	0
79	Ontology Based Text Processing for Context, Similarity and Key Word Extraction. Communications in Computer and Information Science, 2012, , 513-518.	0.4	0
80	Privacy Preservation in Sequential Published Social Networks Against Mutual Friend Attack. International Journal of Engineering and Technology(UAE), 2018, 7, 3731.	0.2	0
81	Cipher Block Parallel Mode. , 2020, , .		0