

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	Retrieving TOR Browser Digital Artifacts for Forensic Evidence. Advances in Intelligent Systems and Computing, 2021, , 265-274.	0.5	1
2	Ameliorated Shape Matrix Representation for Efficient Classification of Targets in ISAR Imagery. Advances in Intelligent Systems and Computing, 2021, , 183-188.	0.5	1
3	A Model for Corrective Software Maintenance Effort Estimation after Privacy Leak Detection in Social Network. , 2020, , .		3
4	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
5	Model for High Dynamic Range Imaging System Using Hybrid Feature Based Exposure Fusion. Journal of Intelligent Systems, 2020, 30, 346-360.	1.2	2
6	Cipher Block Parallel Mode. , 2020, , .		0
7	Multi-path selection based on fractional cuckoo search algorithm for QoS aware routing in MANET. Sensor Review, 2019, 39, 218-232.	1.0	7
8	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
9	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
10	Efficient ISAR image classification using MECSM representation. Journal of King Saud University - Computer and Information Sciences, 2018, 30, 356-372.	2.7	4
11	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
12	Automatic Target Recognition From Inverse Synthetic Aperture Radar Images. , 2018, , 2307-2332.		2
13	Privacy Preservation in Sequential Published Social Networks Against Mutual Friend Attack. International Journal of Engineering and Technology(UAE), 2018, 7, 3731.	0.2	0
14	A semi-supervised intrusion detection system using active learning SVM and fuzzy c-means clustering. , 2017, , .		32
15	Generic-distributed framework for cloud services marketplace based on unified ontology. Journal of Advanced Research, 2017, 8, 569-576.	4.4	10
16	Exponential Genetic Algorithm-Based Stable and Load-Aware QoS Routing Protocol for MANET. Journal of Intelligent Systems, 2017, 26, 669-682.	1.2	2
17	Integration of local chan vase along with optimization techniques for segmentation. , 2017, , .		2
18	Automatic Target Recognition from Inverse Synthetic Aperture Radar Images. Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 530-555.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Genetic algorithm based Backup Route Establishment for QoS Routing. International Journal of Intelligent Engineering and Systems, 2017, 10, 38-46.	0.8	6
20	Numerical Similarity Algorithms for Cloud Service Discovery and Selection System. International Journal of Intelligent Engineering and Systems, 2017, 10, 226-234.	0.8	4
21	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
22	Ant colony optimization-based firewall anomaly mitigation engine. SpringerPlus, 2016, 5, 1032.	1.2	4
23	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
24	Weighted CoHOG (W-CoHOG) Feature Extraction for Human Detection. Advances in Intelligent Systems and Computing, 2016, , 273-283.	0.5	2
25	Cooperative privacy game: a novel strategy for preserving privacy in data publishing. Human-centric Computing and Information Sciences, 2016, 6, .	6.1	16
26	Robust ISAR image classification using Abridged Shape Matrices. , 2016, , .		8
27	Privacy Preserving in Dynamic Social Networks. , 2016, , .		1
28	Backup route establishment for QoS routing protocol in MANET. , 2016, , .		6
29	Query optimization using clustering and Genetic Algorithm for Distributed Databases. , 2016, , .		7
30	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
31	A QoS-aware self-correcting observation based load balancer. Journal of Systems and Software, 2016, 115, 111-129.	3.3	3
32	Analysis of a Network IO Bottleneck in Big Data Environments Based on Docker Containers. Big Data Research, 2016, 3, 24-28.	2.6	9
33	ISAR Image Classification with Wavelet and Watershed Transforms. International Journal of Electrical and Computer Engineering, 2016, 6, 3087.	0.5	3
34	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
35	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
36	A sliding window based Self-Learning and Adaptive Load Balancer. Journal of Network and Computer Applications, 2015, 56, 188-205.	5.8	8

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37	Improved Hill Climbing Based Segmentation (IHCBS) technique for CBIR system. , 2015, , .		0
38	Cost Effective Dynamic Concept Hierarchy Generation for Preserving Privacy. Journal of Information and Knowledge Management, 2014, 13, 1450035.	0.8	3
39	A new symmetric probabilistic encryption scheme based on random numbers. , 2014, , .		5
40	A model view controller based Self-Adjusting Clustering Framework. Journal of Systems and Software, 2014, 89, 193-206.	3.3	6
41	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
42	Primal-dual parallel algorithm for continuous aggregate query dissemination. , 2013, , .		2
43	Formal Verification of IEEE 802.11 Authentication Protocols. Journal of Networks, 2013, 8, .	0.4	2
44	An Approach to Identify n-wMVD for Eliminating Data Redundancy. Advances in Intelligent Systems and Computing, 2013, , 89-97.	0.5	1
45	Parallel and distributed frequent-regular patternmining using vertical format in large databases. , 2012, , .		5
46	An efficient approach to identify n-wMVD for eliminating data redundancy. , 2012, , .		1
47	Parameter-lite clustering algorithm based on MST and fuzzy similarity merging. , 2012, , .		0
48	Randomized symmetric block encryption. , 2012, , .		2
49	Intrusion Detection System using Bayesian Network and Hidden Markov Model. Procedia Technology, 2012, 4, 506-514.	1.1	24
50	Formal Verification of IEEE 802.11w Authentication Protocol. Procedia Technology, 2012, 6, 716-722.	1.1	3
51	A Coalitional Game Theoretic Mechanism for Privacy Preserving Publishing Based on k-Anonymity. Procedia Technology, 2012, 6, 889-896.	1.1	6
52	Sliding window technique to mine regular frequent patterns in data streams using vertical format. , 2012, , .		5
53	Anonymity and Security in Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2012, , 71-82.	1.0	1
54	Result merging using modified Bayesian method for Meta Search Engine. , 2012, , .		2

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55	SenSim. , 2012, , .		4
56	Detecting dependencies in an anonymized dataset. , 2012, , .		1
57	Efficient Use of Shares in Color Visual Cryptography. Communications in Computer and Information Science, 2012, , 311-319.	0.4	0
58	Ontology Based Text Processing for Context, Similarity and Key Word Extraction. Communications in Computer and Information Science, 2012, , 513-518.	0.4	0
59	ABIDS system using Hidden Markov Model. , 2011, , .		1
60	HDR scene detection and capturing strategy. , 2011, , .		3
61	Modeling and analysis of IEEE 802.11i WPA-PSK authentication protocol. , 2011, , .		3
62	Optimal exposure sets for high dynamic range scenes. , 2011, , .		2
63	BM (Break-Merge): An Elegant Approach for Privacy Preserving Data Publishing. , 2011, , .		0
64	Decision support information system for water source evaluation and management in Narava Basin. , 2011, , .		1
65	Outliers Detection as Network Intrusion Detection System Using Multi Layered Framework. Communications in Computer and Information Science, 2011, , 101-111.	0.4	10
66	Formal Verification of IEEE802.11i WPA-GPG Authentication Protocol. Communications in Computer and Information Science, 2011, , 267-272.	0.4	4
67	Attribute Based Anonymity for Preserving Privacy. Communications in Computer and Information Science, 2011, , 572-579.	0.4	3
68	Checking Anonymity Levels for Anonymized Data. Lecture Notes in Computer Science, 2011, , 278-289.	1.0	2
69	Impact of Outliers on Anonymized Categorical Data. Communications in Computer and Information Science, 2011, , 326-335.	0.4	2
70	Secure Group Key Distribution Using Hybrid Cryptosystem. , 2010, , .		7
71	Scalable rekeying for dynamic groups using key path compression. , 2010, , .		1
72	An Efficient Hybrid Predictive Model to Analyze the Visiting Characteristics of Web User Using Web Usage Mining. , 2010, , .		5

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73	Efficient Conference Key Distribution for Dynamic Groups. , 2010, , .		0
74	Formal Verification of IEEE802.16m PKMv3 Protocol Using CasperFDR. Communications in Computer and Information Science, 2010, , 590-595.	0.4	10
75	Distribution of Continuous Queries over Data Aggregators in Dynamic Data Dissemination Networks. Communications in Computer and Information Science, 2010, , 584-589.	0.4	3
76	Comparison Shopping Agents: the essential characteristics and challenges to be met. , 2009, , .		1
77	An Effective Calculation of Reputation in P2P Networks. Journal of Networks, 2009, 4, .	0.4	6
78	M-Commerce Payment Systems. , 2009, , 192-212.		0
79	M-Commerce Payment Systems. , 2008, , 33-52.		0
80	Credibility Based Reputation Calculation in P2P Networks. Lecture Notes in Computer Science, 2008, , 188-195.	1.0	4
81	Policy Based Controlled Migration of Mobile Agents to Untrusted Hosts. , 2007, , .		0