P Santhi Thilagam

List of Publications by Year
in descending order

64 papers	721 citations	623574 14 h-index	610775 24 g-index
67 all docs	67 docs citations	67 times ranked	717 citing authors

#	Article	IF	Citations
1	DDoS Attacks at the Application Layer: Challenges and Research Perspectives for Safeguarding Web Applications. IEEE Communications Surveys and Tutorials, 2019, 21, 661-685.	24.8	93
2	Securing web applications from injection and logic vulnerabilities: Approaches and challenges. Information and Software Technology, 2016, 74, 160-180.	3.0	69
3	Mining social networks for anomalies: Methods and challenges. Journal of Network and Computer Applications, 2016, 68, 213-229.	5.8	51
4	Discovering suspicious behavior in multilayer social networks. Computers in Human Behavior, 2017, 73, 568-582.	5.1	48
5	Heuristics based server consolidation with residual resource defragmentation in cloud data centers. Future Generation Computer Systems, 2015, 50, 87-98.	4.9	36
6	Discovering spammer communities in twitter. Journal of Intelligent Information Systems, 2018, 51, 503-527.	2.8	32
7	Crime base: Towards building a knowledge base for crime entities and their relationships from online news papers. Information Processing and Management, 2019, 56, 102059.	5.4	28
8	Modelling Behavioural Dynamics for Asymmetric Application Layer DDoS Detection. IEEE Transactions on Information Forensics and Security, 2021, 16, 617-626.	4.5	26
9	DetLogic: A black-box approach for detecting logic vulnerabilities in web applications. Journal of Network and Computer Applications, 2018, 109, 89-109.	5.8	23
10	Optimal scheduling of computational task in cloud using Virtual Machine Tree. , 2012, , .		22
11	Securing native XML database-driven web applications from XQuery injection vulnerabilities. Journal of Systems and Software, 2016, 122, 93-109.	3.3	22
12	Load balancing in cloud based on live migration of virtual machines. , 2013, , .		21
13	Application of Non-Linear Gaussian Regression-Based Adaptive Clock Synchronization Technique for Wireless Sensor Network in Agriculture. IEEE Sensors Journal, 2018, 18, 4328-4335.	2.4	18
14	Black-box detection of XQuery injection and parameter tampering vulnerabilities in web applications. International Journal of Information Security, 2018, 17, 105-120.	2.3	17
15	Extraction and optimization of fuzzy association rules using multi-objective genetic algorithm. Pattern Analysis and Applications, 2008, 11, 159-168.	3.1	15
16	An Empirical Study of License Violations in Open Source Projects. , 2012, , .		14
17	Time synchronization problem of wireless sensor network using maximum probability theory. International Journal of Systems Assurance Engineering and Management, 2018, 9, 517-524.	1.5	14
18	Multiplexed Asymmetric Attacks: Next-Generation DDoS on HTTP/2 Servers. IEEE Transactions on Information Forensics and Security, 2020, 15, 1790-1800.	4.5	14

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19	Alleviating data sparsity and cold start in recommender systems using social behaviour. , 2016, , .		13
20	Diffusion models and approaches for influence maximization in social networks. , 2016, , .		13
21	A broker based approach for cloud provider selection. , 2014, , .		12
22	SQL Injection Attack Mechanisms and Prevention Techniques. Lecture Notes in Computer Science, 2012, , 524-533.	1.0	10
23	Semantic Partition Based Association Rule Mining across Multiple Databases Using Abstraction. , 2007, , .		9
24	Live migration of virtual machines with their local persistent storage in a data intensive cloud. International Journal of High Performance Computing and Networking, 2017, 10, 134.	0.4	7
25	Approaches and challenges of privacy preserving search over encrypted data. Information Systems, 2019, 81, 63-81.	2.4	7
26	An RDF Approach for Discovering the Relevant Semantic Associations in a Social Network. , 2008, , .		6
27	DYNA-RANK: Efficient Calculation and Updation of PageRank. , 2008, , .		6
28	Hierarchical Homomorphic Encryption Based Privacy Preserving Distributed Association Rule Mining. , 2014, , .		6
29	Reputationâ€based crossâ€layer intrusion detection system for wormhole attacks in wireless mesh networks. Security and Communication Networks, 2014, 7, 2442-2462.	1.0	6
30	Target specific influence maximization: An approach to maximize adoption in labeled social networks. , 2017, , .		6
31	Cross-layer IDS for Rushing attack in Wireless Mesh Networks. , 2012, , .		5
32	An Energy-Efficient Static Multi-Hop (ESM) Routing Protocol for Wireless Sensor Network in Agriculture. , 2018, , .		5
33	Detection of XML Signature Wrapping Attack Using Node Counting. Smart Innovation, Systems and Technologies, 2016, , 57-63.	0.5	5
34	Multi-layer perceptron based fake news classification using knowledge base triples. Applied Intelligence, 2023, 53, 6276-6287.	3.3	5
35	Fuzzy Request Set Modelling for Detecting Multiplexed Asymmetric DDoS Attacks on HTTP/2 servers. Expert Systems With Applications, 2021, 186, 115697.	4.4	4
36	HTTP request pattern based signatures for early application layer DDoS detection: A firewall agnostic approach. Journal of Information Security and Applications, 2022, 65, 103090.	1.8	4

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37	Intrusion Detection Technique for Wormhole and Following Jellyfish and Byzantine Attacks in Wireless Mesh Network. Lecture Notes in Computer Science, 2012, , 631-637.	1.0	3
38	MAC layer security issues in wireless mesh networks. AIP Conference Proceedings, 2016, , .	0.3	3
39	Searchable encryption approaches: attacks and challenges. Knowledge and Information Systems, 2019, 61, 1179-1207.	2.1	3
40	Role and Access Based data Segregator for Security of Big Data. Procedia Technology, 2016, 24, 1550-1557.	1.1	2
41	An effective analysis on intrusion detection systems in wireless mesh networks. , 2017, , .		2
42	A Probabilistic Model of Clock Offset Estimator (PMCOE) for Clock Synchronization in Wireless Sensor Network. Wireless Personal Communications, 2019, 108, 995-1007.	1.8	2
43	Influence maximisation in social networks. International Journal of Computational Science and Engineering, 2019, 18, 103.	0.4	2
44	InterTARM: FP-tree based Framework for Mining Inter-transaction Association Rules from Stock Market Data. , 2008, , .		1
45	Towards Evaluating Resilience of SIP Server under Low Rate DoS Attack. Communications in Computer and Information Science, 2011, , 336-339.	0.4	1
46	Optimization of countour based template matching using GPGPU based hexagonal framework. , 2014, , .		1
47	Dynamics of Multi-Campaign Propagation in Online Social Networks. , 2015, , .		1
48	An Efficient Search to Improve Neighbour Selection Mechanism in P2P Network. Communications in Computer and Information Science, 2009, , 119-127.	0.4	1
49	EfficientTreeMiner: Mining Frequent Induced Substructures from XML Documents without Candidate Generation. , 2006, , .		0
50	A Linear Hash Based Indexing Scheme for Location Dependent Data Broadcast. , 2009, , .		0
51	Hierarchical DHT to Efficiently Load Balancing in Dynamic Peer-to-Peer Environment. Communications in Computer and Information Science, 2011, , 470-475.	0.4	0
52	Constructing and Exploring Composite Items Using Max-valid Bundles. , 2012, , .		0
53	Dynamics of multi-campaign propagation in online social networks. , 2015, , .		0
54	Time stamp based set covering greedy algorithm. , 2015, , .		0

#	Article	IF	Citations
55	Dynamic Structure for Web Graphs with Extended Functionalities. , 2016, , .		0
56	Deriving temporal trends in user preferences through short message strings. , 2016, , .		0
57	Dynamic Resource Allocation for Multi-tier Applications in Cloud. Advances in Intelligent Systems and Computing, 2016, , 939-950.	0.5	0
58	HiRE - A Heuristic Approach for User Generated Record Extraction. Lecture Notes in Computer Science, 2016, , 33-37.	1.0	0
59	An Efficient Multi-User Searchable Encryption Scheme without Query Transformation over Outsourced Encrypted Data. , 2018, , .		0
60	Applications nature aware virtual machine provisioning in cloud. International Journal of Ad Hoc and Ubiquitous Computing, 2018, 27, 93.	0.3	0
61	Identifying Provenance of Information and Anomalous Paths in Attributed Social Networks. , 2018, , .		0
62	Preserving Privacy of Co-occurring Keywords over Encrypted Data. Lecture Notes in Computer Science, 2021, , 157-168.	1.0	0
63	Clustering and Bootstrapping Based Framework for News Knowledge Base Completion. Computing and Informatics, 2021, 40, 318-340.	0.4	0
64	Applications Nature Aware Virtual Machine Provisioning in Cloud. International Journal of Ad Hoc and Ubiquitous Computing, 2015, 1, 1.	0.3	0