Bharanidharan Shanmugam

List of Publications by Year
in descending order

77 papers	1,058 citations	759233 12 h-index	610901 24 g-index
79 all docs	79 docs citations	79 times ranked	710 citing authors

#	Article	IF	Citations
1	A Comprehensive Survey for Intelligent Spam Email Detection. IEEE Access, 2019, 7, 168261-168295.	4.2	119
2	Intrusion Detection System for the Internet of Things Based on Blockchain and Multi-Agent Systems. Electronics (Switzerland), 2020, 9, 1120.	3.1	84
3	Machine Learning Based PV Power Generation Forecasting in Alice Springs. IEEE Access, 2021, 9, 46117-46128.	4.2	62
4	Preprocessing of Breast Cancer Images to Create Datasets for Deep-CNN. IEEE Access, 2021, 9, 33438-33463.	4.2	51
5	Security risk assessment framework for cloud computing environments. Security and Communication Networks, 2014, 7, 2114-2124.	1.5	48
6	A review of threat modelling approaches for APT-style attacks. Heliyon, 2021, 7, e05969.	3.2	44
7	AcneNet - A Deep CNN Based Classification Approach for Acne Classes. , 2019, , .		35
8	Efficient Clustering of Emails Into Spam and Ham: The Foundational Study of a Comprehensive Unsupervised Framework. IEEE Access, 2020, 8, 154759-154788.	4.2	34
9	Intrusion Detection System for Internet of Things based on a Machine Learning approach. , 2019, , .		32
10	Artificial Intelligence Techniques Applied to Intrusion Detection. , 0, , .		31
11	Enabling Data Hiding for Resource Sharing in Cloud Computing Environments Based on DNA Sequences. , 2011, , .		29
12	Improved Intrusion Detection System Using Fuzzy Logic for Detecting Anamoly and Misuse Type of Attacks. , 2009, , .		28
13	Comparative analysis of different techniques of encryption for secured data transmission. , 2017, , .		26
14	A Systematic Literature Review on Privacy by Design in the Healthcare Sector. Electronics (Switzerland), 2020, 9, 452.	3.1	26
15	An Intelligent and Secured Tracking System for Monitoring School Bus. , 2019, , .		25
16	An Overview of Blockchain Applications and Attacks. , 2019, , .		23
17	An Intelligent Spam Detection Model Based on Artificial Immune System. Information (Switzerland), 2019, 10, 209.	2.9	22
18	A Systematic Literature Review of Authentication in Internet of Things for Heterogeneous Devices. Journal of Computer Networks and Communications, 2019, 2019, 1-14.	1.6	22

#	Article	IF	Citations
19	A parallel technique for improving the performance of signature-based network intrusion detection system. , 2011, , .		17
20	Factors Affecting Staff Turnover of Young Academics: Job Embeddedness and Creative Work Performance in Higher Academic Institutions. Frontiers in Psychology, 2020, 11, 570345.	2.1	16
21	Categorisation of security threats for smart home appliances. , 2018, , .		14
22	Addressing the Challenges of Electronic Health Records Using Blockchain and IPFS. Sensors, 2022, 22, 4032.	3.8	14
23	Browser Fingerprinting as user tracking technology. , 2017, , .		12
24	An Unsupervised Approach for Content-Based Clustering of Emails Into Spam and Ham Through Multiangular Feature Formulation. IEEE Access, 2021, 9, 135186-135209.	4.2	12
25	A theoretical review of social media usage by cyber-criminals. , 2017, , .		11
26	An Enhanced 3-Tier Multimodal Biometric Authentication. , 2019, , .		11
27	Hybrid Intrusion Detection Systems (HIDS) using Fuzzy Logic. , 0, , .		10
28	Security Threats in Online Social Networks. , 2013, , .		10
29	A critical review of Bitcoins usage by cybercriminals. , 2017, , .		9
30	Analysis of Complex Networks for Security Issues using Attack Graph. , 2019, , .		9
31	A privacy-preserving model to control social interaction behaviors in social network sites. Journal of Information Security and Applications, 2019, 49, 102402.	2.5	8
32	Examining factors that effect on the acceptance of mobile commerce in Malaysia based on revised UTAUT. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 1173.	0.8	8
33	A Conceptual Framework to Ensure Privacy in Patient Record Management System. IEEE Access, 2021, 9, 165667-165689.	4.2	8
34	Smart Parking Management System to Reduce Congestion In Urban Area. , 2020, , .		8
35	Alert Correlation Using a Novel Clustering Approach. , 2012, , .		7
36	Signature-based hybrid Intrusion detection system (HIDS) for android devices. , 2013, , .		7

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37	Comprehensive literature review on delay tolerant network (DTN) framework for improving the efficiency of internet connection in rural regions of Malaysia. International Journal of Systems Assurance Engineering and Management, 2022, 13, 764-777.	2.4	7
38	Traditional Security Risk Assessment Methods in Cloud Computing Environment: Usability Analysis. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	6
39	An improved face recognition method using Local Binary Pattern method. , 2017, , .		6
40	Preventive Measures for Cross Site Request Forgery Attacks on Web-based Applications. International Journal of Engineering and Technology(UAE), 2018, 7, 130.	0.3	6
41	Transformative Cyber Security Model for Malaysian Government Agencies. International Journal of Engineering and Technology(UAE), 2018, 7, 87.	0.3	6
42	Improving Accessibility for Mobility Impaired People in Smart City using Crowdsourcing. , 2019, , .		6
43	A Review of Ransomware Families and Detection Methods. Advances in Intelligent Systems and Computing, 2019, , 588-597.	0.6	6
44	Security Source Code Analysis of Applications in Android OS. International Journal of Engineering and Technology(UAE), 2018, 7, 30.	0.3	5
45	Vulnerabilities Analysis and Security Assessment Framework for the Internet of Things. , 2019, , .		5
46	A Systematic Literature Review: Information Accuracy Practices in Tourism. Journal of Quality Assurance in Hospitality and Tourism, 2020, 21, 1-30.	3.0	5
47	Danger Theory Based Hybrid Intrusion Detection Systems for Cloud Computing. International Journal of Computer and Communication Engineering, 0, , 650-654.	0.2	5
48	A Framework to Address Security Concerns in Three Layers of IoT. , 2020, , .		5
49	Alert correlation framework using a novel clustering approach. , 2012, , .		4
50	Botnet evolution: Network traffic indicators. , 2014, , .		4
51	Information Security Risk Assessment Framework for Cloud Computing Environment Using Medical Research Design and Method. Advanced Science Letters, 2018, 24, 739-743.	0.2	4
52	Low Cost Voltage and Current Measurement Technique using ATmega328p. , 2020, , .		4
53	Analysis and detection of P2P Botnet connections based on node behaviour. , 2011, , .		3
54	Enhancement and Implementation of Network Access Control Architecture for Virtualization Environments. , 2013, , .		3

#	Article	IF	Citations
55	Potential Measures to Enhance Information Security Compliance in the Healthcare Internet of Things. Advances in Intelligent Systems and Computing, 2019, , 726-735.	0.6	3
56	Applying Big Data Analytics in DDos Forensics: Challenges and Opportunities. Advanced Sciences and Technologies for Security Applications, 2021, , 235-252.	0.5	3
57	Cloud Computing Adoption Challenges. Advanced Science Letters, 2014, 20, 546-548.	0.2	3
58	Digital Forensic Challenges in the Cloud Computing Environment. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 669-676.	0.7	3
59	Priority-Based Offloading and Caching in Mobile Edge Cloud. Journal of Communications Software and Systems, 2019, 15, .	0.8	3
60	Modern Tree Plantation System Based on IoT. , 2020, , .		3
61	Heuristic systematic model based guidelines for phishing victims. , 2016, , .		2
62	The Configurations of Informal Institutions to Promote Men's and Women's Entrepreneurial Activities. Frontiers in Psychology, 2020, 11, 1909.	2.1	2
63	Detection of the effect of exercise on APG signals. , 2018, , .		1
64	Novel Risk Assessment Method to Identify Information Security Threats in Cloud Computing Environment. Advances in Intelligent Systems and Computing, 2019, , 566-578.	0.6	1
65	Analysis of Applying Enterprise Service Bus Architecture as a Cloud Interoperability and Resource Sharing Platform. Advances in Intelligent Systems and Computing, 2013, , 581-588.	0.6	1
66	Differences between Role of Strong Ties and Weak Ties in Information Diffusion on Social Network Sites. Advances in Human and Social Aspects of Technology Book Series, 2014, , 307-311.	0.3	1
67	Proposed Computer Forensic Approach for Cloud Computing Environment. Advanced Science Letters, 2016, 22, 3137-3141.	0.2	1
68	Classification of Third-Party Applications on Facebook to Mitigate Users' Information Leakage. Advances in Intelligent Systems and Computing, 2017, , 144-154.	0.6	1
69	A Comparative Study of Text Classifier for Mobile Crowdsensing Applications. Advanced Science Letters, 2018, 24, 686-689.	0.2	1
70	A Novel Approach for Steganography App in Android OS. Advances in Intelligent Systems and Computing, 2018, , 442-450.	0.6	1
71	Enhanced disruption tolerant network (DTN) framework for improving network efficiency in rural areas. International Journal of Systems Assurance Engineering and Management, 2022, 13, 710-717.	2.4	1
72	Towards a New Framework for TPM Compliance Testing. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	0

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73	Digital Forensic Investigation Challenges based on Cloud Computing Characteristics. International Journal of Engineering and Technology(UAE), 2018, 7, 7.	0.3	0
74	Data Anonymization According to the Combination of Attributes on Social Network Sites. Communications in Computer and Information Science, 2013, , 272-280.	0.5	0
75	Security Model for Microsoft Based Mobile Sales Management Application in Private Cloud Computing. International Journal of Cloud Computing and Services Science (IJ-CLOSER), 2013, 2, .	0.6	0
76	A Proposed Tourism Information Accuracy Assessment (TIAA) Framework. Advances in Intelligent Systems and Computing, 2019, , 831-839.	0.6	0
77	Detecting False Messages in the Smartphone Fault Reporting System. Advances in Intelligent Systems and Computing, 2020, , 759-768.	0.6	0