

Bharanidharan Shanmugam

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,058
citations

758635

12
h-index

610482

24
g-index

79
all docs

79
docs citations

79
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced disruption tolerant network (DTN) framework for improving network efficiency in rural areas. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 710-717.	1.5	1
2	Comprehensive literature review on delay tolerant network (DTN) framework for improving the efficiency of internet connection in rural regions of Malaysia. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 764-777.	1.5	7
3	Addressing the Challenges of Electronic Health Records Using Blockchain and IPFS. <i>Sensors</i> , 2022, 22, 4032.	2.1	14
4	A review of threat modelling approaches for APT-style attacks. <i>Heliyon</i> , 2021, 7, e05969.	1.4	44
5	An Unsupervised Approach for Content-Based Clustering of Emails Into Spam and Ham Through Multiangular Feature Formulation. <i>IEEE Access</i> , 2021, 9, 135186-135209.	2.6	12
6	Preprocessing of Breast Cancer Images to Create Datasets for Deep-CNN. <i>IEEE Access</i> , 2021, 9, 33438-33463.	2.6	51
7	Machine Learning Based PV Power Generation Forecasting in Alice Springs. <i>IEEE Access</i> , 2021, 9, 46117-46128.	2.6	62
8	Applying Big Data Analytics in DDos Forensics: Challenges and Opportunities. <i>Advanced Sciences and Technologies for Security Applications</i> , 2021, , 235-252.	0.4	3
9	A Conceptual Framework to Ensure Privacy in Patient Record Management System. <i>IEEE Access</i> , 2021, 9, 165667-165689.	2.6	8
10	A Systematic Literature Review: Information Accuracy Practices in Tourism. <i>Journal of Quality Assurance in Hospitality and Tourism</i> , 2020, 21, 1-30.	1.7	5
11	Intrusion Detection System for the Internet of Things Based on Blockchain and Multi-Agent Systems. <i>Electronics (Switzerland)</i> , 2020, 9, 1120.	1.8	84
12	The Configurations of Informal Institutions to Promote Men's and Women's Entrepreneurial Activities. <i>Frontiers in Psychology</i> , 2020, 11, 1909.	1.1	2
13	Efficient Clustering of Emails Into Spam and Ham: The Foundational Study of a Comprehensive Unsupervised Framework. <i>IEEE Access</i> , 2020, 8, 154759-154788.	2.6	34
14	Low Cost Voltage and Current Measurement Technique using ATmega328p. , 2020, , .		4
15	Factors Affecting Staff Turnover of Young Academics: Job Embeddedness and Creative Work Performance in Higher Academic Institutions. <i>Frontiers in Psychology</i> , 2020, 11, 570345.	1.1	16
16	A Systematic Literature Review on Privacy by Design in the Healthcare Sector. <i>Electronics (Switzerland)</i> , 2020, 9, 452.	1.8	26
17	Examining factors that effect on the acceptance of mobile commerce in Malaysia based on revised UTAUT. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 20, 1173.	0.7	8
18	Detecting False Messages in the Smartphone Fault Reporting System. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 759-768.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Modern Tree Plantation System Based on IoT. , 2020, , .		3
20	A Framework to Address Security Concerns in Three Layers of IoT. , 2020, , .		5
21	Smart Parking Management System to Reduce Congestion In Urban Area. , 2020, , .		8
22	An Intelligent Spam Detection Model Based on Artificial Immune System. Information (Switzerland), 2019, 10, 209.	1.7	22
23	Improving Accessibility for Mobility Impaired People in Smart City using Crowdsourcing. , 2019, , .		6
24	An Intelligent and Secured Tracking System for Monitoring School Bus. , 2019, , .		25
25	An Enhanced 3-Tier Multimodal Biometric Authentication. , 2019, , .		11
26	Analysis of Complex Networks for Security Issues using Attack Graph. , 2019, , .		9
27	A Systematic Literature Review of Authentication in Internet of Things for Heterogeneous Devices. Journal of Computer Networks and Communications, 2019, 2019, 1-14.	1.2	22
28	Vulnerabilities Analysis and Security Assessment Framework for the Internet of Things. , 2019, , .		5
29	Intrusion Detection System for Internet of Things based on a Machine Learning approach. , 2019, , .		32
30	A privacy-preserving model to control social interaction behaviors in social network sites. Journal of Information Security and Applications, 2019, 49, 102402.	1.8	8
31	A Comprehensive Survey for Intelligent Spam Email Detection. IEEE Access, 2019, 7, 168261-168295.	2.6	119
32	AcneNet - A Deep CNN Based Classification Approach for Acne Classes. , 2019, , .		35
33	An Overview of Blockchain Applications and Attacks. , 2019, , .		23
34	Potential Measures to Enhance Information Security Compliance in the Healthcare Internet of Things. Advances in Intelligent Systems and Computing, 2019, , 726-735.	0.5	3
35	A Review of Ransomware Families and Detection Methods. Advances in Intelligent Systems and Computing, 2019, , 588-597.	0.5	6
36	Novel Risk Assessment Method to Identify Information Security Threats in Cloud Computing Environment. Advances in Intelligent Systems and Computing, 2019, , 566-578.	0.5	1

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37	A Proposed Tourism Information Accuracy Assessment (TIAA) Framework. Advances in Intelligent Systems and Computing, 2019, , 831-839.	0.5	0
38	Priority-Based Offloading and Caching in Mobile Edge Cloud. Journal of Communications Software and Systems, 2019, 15, .	0.6	3
39	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
40	Preventive Measures for Cross Site Request Forgery Attacks on Web-based Applications. International Journal of Engineering and Technology(UAE), 2018, 7, 130.	0.2	6
41	Digital Forensic Investigation Challenges based on Cloud Computing Characteristics. International Journal of Engineering and Technology(UAE), 2018, 7, 7.	0.2	0
42	Detection of the effect of exercise on APG signals. , 2018, , .		1
43	Categorisation of security threats for smart home appliances. , 2018, , .		14
44	Transformative Cyber Security Model for Malaysian Government Agencies. International Journal of Engineering and Technology(UAE), 2018, 7, 87.	0.2	6
45	Security Source Code Analysis of Applications in Android OS. International Journal of Engineering and Technology(UAE), 2018, 7, 30.	0.2	5
46	Digital Forensic Challenges in the Cloud Computing Environment. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 669-676.	0.5	3
47	A Comparative Study of Text Classifier for Mobile Crowdsensing Applications. Advanced Science Letters, 2018, 24, 686-689.	0.2	1
48	A Novel Approach for Steganography App in Android OS. Advances in Intelligent Systems and Computing, 2018, , 442-450.	0.5	1
49	An improved face recognition method using Local Binary Pattern method. , 2017, , .		6
50	Browser Fingerprinting as user tracking technology. , 2017, , .		12
51	A critical review of Bitcoins usage by cybercriminals. , 2017, , .		9
52	A theoretical review of social media usage by cyber-criminals. , 2017, , .		11
53	Comparative analysis of different techniques of encryption for secured data transmission. , 2017, , .		26
54	Classification of Third-Party Applications on Facebook to Mitigate Usersâ€™ Information Leakage. Advances in Intelligent Systems and Computing, 2017, , 144-154.	0.5	1

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55	Heuristic systematic model based guidelines for phishing victims. , 2016, , .		2
56	Proposed Computer Forensic Approach for Cloud Computing Environment. Advanced Science Letters, 2016, 22, 3137-3141.	0.2	1
57	Towards a New Framework for TPM Compliance Testing. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.3	0
58	Traditional Security Risk Assessment Methods in Cloud Computing Environment: Usability Analysis. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.3	6
59	Botnet evolution: Network traffic indicators. , 2014, , .		4
60	Security risk assessment framework for cloud computing environments. Security and Communication Networks, 2014, 7, 2114-2124.	1.0	48
61	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
62	Cloud Computing Adoption Challenges. Advanced Science Letters, 2014, 20, 546-548.	0.2	3
63	Security Threats in Online Social Networks. , 2013, , .		10
64	Enhancement and Implementation of Network Access Control Architecture for Virtualization Environments. , 2013, , .		3
65	Signature-based hybrid Intrusion detection system (HIDS) for android devices. , 2013, , .		7
66	Analysis of Applying Enterprise Service Bus Architecture as a Cloud Interoperability and Resource Sharing Platform. Advances in Intelligent Systems and Computing, 2013, , 581-588.	0.5	1
67	Data Anonymization According to the Combination of Attributes on Social Network Sites. Communications in Computer and Information Science, 2013, , 272-280.	0.4	0
68	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
69	Alert correlation framework using a novel clustering approach. , 2012, , .		4
70	Alert Correlation Using a Novel Clustering Approach. , 2012, , .		7
71	Enabling Data Hiding for Resource Sharing in Cloud Computing Environments Based on DNA Sequences. , 2011, , .		29
72	Analysis and detection of P2P Botnet connections based on node behaviour. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
73	A parallel technique for improving the performance of signature-based network intrusion detection system. , 2011, , .		17
74	Improved Intrusion Detection System Using Fuzzy Logic for Detecting Anamoly and Misuse Type of Attacks. , 2009, , .		28
75	Artificial Intelligence Techniques Applied to Intrusion Detection. , 0, , .		31
76	Hybrid Intrusion Detection Systems (HIDS) using Fuzzy Logic. , 0, , .		10
77	Danger Theory Based Hybrid Intrusion Detection Systems for Cloud Computing. International Journal of Computer and Communication Engineering, 0, , 650-654.	0.2	5