

Stavros N Shiaeles

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

371
citations

11
h-index

17
g-index

52
ext. papers

550
ext. citations

2.3
avg, IF

4.17
L-index

#	Paper	IF	Citations
46	Cybersecurity Challenges in the Maritime Sector. <i>Network</i> , 2022 , 2, 123-138		0
45	SAGMAD ² Signature Agnostic Malware Detection System Based on Binary Visualisation and Fuzzy Sets. <i>Electronics (Switzerland)</i> , 2022 , 11, 1044	2.6	3
44	On the suitability of blockchain platforms for IoT applications: Architectures, security, privacy, and performance. <i>Computer Networks</i> , 2021 , 191, 108005	5.4	14
43	Intrusion Detection using Network Traffic Profiling and Machine Learning for IoT 2021 ,		4
42	Linear Regression Trust Management System for IoT Systems. <i>Cybernetics and Information Technologies</i> , 2021 , 21, 15-27	1.3	
41	MALGRA: Machine Learning and N-Gram Malware Feature Extraction and Detection System. <i>Electronics (Switzerland)</i> , 2020 , 9, 1777	2.6	11
40	Advanced metering infrastructures 2020 ,		1
39	Comparative Analysis of Cryptographic Key Management Systems. <i>Lecture Notes in Computer Science</i> , 2020 , 80-94	0.9	
38	Synergy of Trust, Blockchain and Smart Contracts for Optimization of Decentralized IoT Service Platforms. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 547-558	0.4	
37	Audio Interval Retrieval Using Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 229-240	0.9	2
36	SoMIAP: Social Media Images Analysis and Prediction Framework. <i>Lecture Notes in Computer Science</i> , 2020 , 205-216	0.9	
35	On the Security and Privacy of Hyperledger Fabric: Challenges and Open Issues 2020 ,		10
34	Trusted, Decentralized and Blockchain-Based M2M Application Service Provision. <i>Lecture Notes in Networks and Systems</i> , 2020 , 210-221	0.5	1
33	A Case Study of Intra-library Privacy Issues on Android GPS Navigation Apps. <i>Communications in Computer and Information Science</i> , 2020 , 34-48	0.3	1
32	Blockchain and Trust for Secure, End-User-Based and Decentralized IoT Service Provision. <i>IEEE Access</i> , 2020 , 8, 119961-119979	3.5	22
31	IoT Malware Network Traffic Classification using Visual Representation and Deep Learning 2020 ,		16
30	Wireless Sensors for Brain Activity ² A Survey. <i>Electronics (Switzerland)</i> , 2020 , 9, 2092	2.6	6

29	Blockchain Solutions for Forensic Evidence Preservation in IoT Environments 2019 ,		28
28	IoT Vulnerability Data Crawling and Analysis 2019 ,		3
27	DDoS Attack Mitigation through Root-DNS Server: A Case Study 2019 ,		2
26	On Blockchain Architectures for Trust-Based Collaborative Intrusion Detection 2019 ,		12
25	Novel trust consensus protocol and blockchain-based trust evaluation system for M2M application services. <i>Internet of Things (Netherlands)</i> , 2019 , 7, 100058	6.9	26
24	A proactive malicious software identification approach for digital forensic examiners. <i>Journal of Information Security and Applications</i> , 2019 , 47, 139-155	3.5	5
23	Secured by Blockchain: Safeguarding Internet of Things Devices. <i>IEEE Consumer Electronics Magazine</i> , 2019 , 8, 28-34	3.2	31
22	A Novel Malware Detection System Based on Machine Learning and Binary Visualization 2019 ,		7
21	A novel approach for performance-based clustering and management of network traffic flows 2019 ,		3
20	A Novel Online Incremental Learning Intrusion Prevention System 2019 ,		13
19	FCMDT: A novel fuzzy cognitive maps dynamic trust model for cloud federated identity management. <i>Computers and Security</i> , 2019 , 86, 270-290	4.9	12
18	FaceWallGraph: Using Machine Learning for Profiling User Behaviour from Facebook Wall. <i>Lecture Notes in Computer Science</i> , 2019 , 125-134	0.9	
17	Malware Squid: A Novel IoT Malware Traffic Analysis Framework Using Convolutional Neural Network and Binary Visualisation. <i>Lecture Notes in Computer Science</i> , 2019 , 65-76	0.9	9
16	Localising social network users and profiling their movement. <i>Computers and Security</i> , 2019 , 81, 49-57	4.9	6
15	Blockchain-Based Trust Communities for Decentralized M2M Application Services. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2019 , 62-73	0.4	4
14	A New Dynamic Trust Model for "On Cloud" Federated Identity Management 2018 ,		3
13	Trust-Based Composition of M2M Application Services 2018 ,		5
12	Insider threat 2018 , 119-138		

11	Agent-based Vs Agent-less Sandbox for Dynamic Behavioral Analysis 2018 ,		3
10	Detection of LDDoS Attacks Based on TCP Connection Parameters 2018 ,		7
9	WiP: A Novel Blockchain-Based Trust Model for Cloud Identity Management 2018 ,		20
8	WiP: Are Cracked Applications Really Free? An Empirical Analysis on Android Devices 2018 ,		3
7	Trust Integration for Security Optimisation in P2P-Based M2M Applications 2017 ,		4
6	Framework for automated functional testing of P2P-based M2M applications 2017 ,		5
5	Ensuring trustworthiness for P2P-based M2M applications 2017 ,		6
4	FHSD: An Improved IP Spoof Detection Method for Web DDoS Attacks. <i>Computer Journal</i> , 2015 , 58, 892-903	10	
3	On-scene triage open source forensic tool chests: Are they effective?. <i>Digital Investigation</i> , 2013 , 10, 99-115	3.3	8
2	Real time DDoS detection using fuzzy estimators. <i>Computers and Security</i> , 2012 , 31, 782-790	4.9	43
1	LIMAP: A Lightweight Multilayer Authentication Protocol for WBAN. <i>Wireless Personal Communications</i> ,1	1.9	1