Stavros N Shiaeles

List of Publications by Citations

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	Real time DDoS detection using fuzzy estimators. *Computers and Security*, **2012**, 31, 782-790	4.9	43
45	Secured by Blockchain: Safeguarding Internet of Things Devices. *IEEE Consumer Electronics Magazine*, **2019**, 8, 28-34	3.2	31
44	Blockchain Solutions for Forensic Evidence Preservation in IoT Environments **2019**,		28
43	Novel trust consensus protocol and blockchain-based trust evaluation system for M2M application services. *Internet of Things (Netherlands)*, **2019**, 7, 100058	6.9	26
42	Blockchain and Trust for Secure, End-User-Based and Decentralized IoT Service Provision. *IEEE Access*, **2020**, 8, 119961-119979	3.5	22
41	WiP: A Novel Blockchain-Based Trust Model for Cloud Identity Management **2018**,		20
40	IoT Malware Network Traffic Classification using Visual Representation and Deep Learning **2020**,		16
39	On the suitability of blockchain platforms for IoT applications: Architectures, security, privacy, and performance. *Computer Networks*, **2021**, 191, 108005	5.4	14
38	A Novel Online Incremental Learning Intrusion Prevention System **2019**,		13
37	On Blockchain Architectures for Trust-Based Collaborative Intrusion Detection **2019**,		12
36	FCMDT: A novel fuzzy cognitive maps dynamic trust model for cloud federated identity management. *Computers and Security*, **2019**, 86, 270-290	4.9	12
35	MALGRA: Machine Learning and N-Gram Malware Feature Extraction and Detection System. *Electronics (Switzerland)*, **2020**, 9, 1777	2.6	11
34	FHSD: An Improved IP Spoof Detection Method for Web DDoS Attacks. *Computer Journal*, **2015**, 58, 892-903	2.0	10
33	On the Security and Privacy of Hyperledger Fabric: Challenges and Open Issues **2020**,		10
32	Malware Squid: A Novel IoT Malware Traffic Analysis Framework Using Convolutional Neural Network and Binary Visualisation. *Lecture Notes in Computer Science*, **2019**, 65-76	0.9	9
31	On-scene triage open source forensic tool chests: Are they effective?. *Digital Investigation*, **2013**, 10, 99-115	3.3	8
30	A Novel Malware Detection System Based on Machine Learning and Binary Visualization **2019**,		7

#	Publication		
29	Detection of LDDoS Attacks Based on TCP Connection Parameters **2018**,		7
28	Ensuring trustworthiness for P2P-based M2M applications **2017**,		6
27	Wireless Sensors for Brain Activity A Survey. *Electronics (Switzerland)*, **2020**, 9, 2092	2.6	6
26	Localising social network users and profiling their movement. *Computers and Security*, **2019**, 81, 49-57	4.9	6
25	A proactive malicious software identification approach for digital forensic examiners. *Journal of Information Security and Applications*, **2019**, 47, 139-155	3.5	5
24	Trust-Based Composition of M2M Application Services **2018**,		5
23	Framework for automated functional testing of P2P-based M2M applications **2017**,		5
22	Trust Integration for Security Optimisation in P2P-Based M2M Applications **2017**,		4
21	Intrusion Detection using Network Traffic Profiling and Machine Learning for IoT **2021**,		4
20	Blockchain-Based Trust Communities for Decentralized M2M Application Services. *Lecture Notes on Data Engineering and Communications Technologies*, **2019**, 62-73	0.4	4
19	IoT Vulnerability Data Crawling and Analysis **2019**,		3
18	A New Dynamic Trust Model for "On Cloud" Federated Identity Management **2018**,		3
17	A novel approach for performance-based clustering and management of network traffic flows **2019**,		3
16	Agent-based Vs Agent-less Sandbox for Dynamic Behavioral Analysis **2018**,		3
15	WiP: Are Cracked Applications Really Free? An Empirical Analysis on Android Devices **2018**,		3
14	SAGMAD A Signature Agnostic Malware Detection System Based on Binary Visualisation and Fuzzy Sets. *Electronics (Switzerland)*, **2022**, 11, 1044	2.6	3
13	DDoS Attack Mitigation through Root-DNS Server: A Case Study **2019**,		2
12	Audio Interval Retrieval Using Convolutional Neural Networks. *Lecture Notes in Computer Science*, **2020**, 229-240	0.9	2

11	Advanced metering infrastructures **2020**,		1
10	Trusted, Decentralized and Blockchain-Based M2M Application Service Provision. *Lecture Notes in Networks and Systems*, **2020**, 210-221	0.5	1
9	A Case Study of Intra-library Privacy Issues on Android GPS Navigation Apps. *Communications in Computer and Information Science*, **2020**, 34-48	0.3	1
8	LIMAP: A Lightweight Multilayer Authentication Protocol for WBAN. *Wireless Personal Communications*,1	1.9	1
7	Cybersecurity Challenges in the Maritime Sector. *Network*, **2022**, 2, 123-138		0
6	Comparative Analysis of Cryptographic Key Management Systems. *Lecture Notes in Computer Science*, **2020**, 80-94	0.9	
5	Synergy of Trust, Blockchain and Smart Contracts for Optimization of Decentralized IoT Service Platforms. *Advances in Intelligent Systems and Computing*, **2020**, 547-558	0.4	
4	SoMIAP: Social Media Images Analysis and Prediction Framework. *Lecture Notes in Computer Science* , **2020**, 205-216	0.9	
3	Insider threat **2018**, 119-138		
2	FaceWallGraph: Using Machine Learning for Profiling User Behaviour from Facebook Wall. *Lecture Notes in Computer Science*, **2019**, 125-134	0.9	
1	Linear Regression Trust Management System for IoT Systems. *Cybernetics and Information Technologies*, **2021**, 21, 15-27	1.3	