

Gregory Epiphaniou

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,223
citations

516561

16
h-index

434063

31
g-index

62
all docs

62
docs citations

62
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Ledger Technologies in Supply Chain Security Management: A Comprehensive Survey. IEEE Transactions on Engineering Management, 2023, 70, 713-739.	2.4	32
2	Reinforcement Learning for Security-Aware Computation Offloading in Satellite Networks. IEEE Internet of Things Journal, 2022, 9, 12351-12363.	5.5	8
3	Super Learner Ensemble for Anomaly Detection and Cyber-Risk Quantification in Industrial Control Systems. IEEE Internet of Things Journal, 2022, 9, 13279-13297.	5.5	7
4	APIVADS: A Novel Privacy-Preserving Pivot Attack Detection Scheme Based on Statistical Pattern Recognition. IEEE Transactions on Information Forensics and Security, 2022, 17, 700-715.	4.5	5
5	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. IEEE Sensors Journal, 2021, 21, 15753-15761.	2.4	32
6	Adaptive and Optimum Secret Key Establishment for Secure Vehicular Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 2310-2321.	3.9	19
7	Optimising driver profiling through behaviour modelling of in-car sensor and global positioning system data. Computers and Electrical Engineering, 2021, 91, 107047.	3.0	2
8	Trustworthy digital infrastructure for identity systems: why should privacy matter to security engineers?. Computer Fraud and Security, 2021, 2021, 6-11.	1.3	0
9	Cyber security in the age of COVID-19: A timeline and analysis of cyber-crime and cyber-attacks during the pandemic. Computers and Security, 2021, 105, 102248.	4.0	294
10	A Flow-based Multi-agent Data Exfiltration Detection Architecture for Ultra-low Latency Networks. ACM Transactions on Internet Technology, 2021, 21, 1-30.	3.0	6
11	Special Issue "Security Threats and Countermeasures in Cyber-Physical Systems". Journal of Sensor and Actuator Networks, 2021, 10, 54.	2.3	1
12	Integration of federated machine learning and blockchain for the provision of secure big data analytics for Internet of Things. Computers and Security, 2021, 109, 102393.	4.0	55
13	Smart delivery and retrieval of swab collection kit for COVID-19 test using autonomous Unmanned Aerial Vehicles. Physical Communication, 2021, 48, 101373.	1.2	11
14	A privacy-preserving route planning scheme for the Internet of Vehicles. Ad Hoc Networks, 2021, 123, 102680.	3.4	3
15	Blockchain and IoMT against Physical Abuse: Bullying in Schools as a Case Study. Journal of Sensor and Actuator Networks, 2021, 10, 1.	2.3	11
16	A Holistic Systems Security Approach Featuring Thin Secure Elements for Resilient IoT Deployments. Sensors, 2020, 20, 5252.	2.1	5
17	Cyber Resilience and Incident Response in Smart Cities: A Systematic Literature Review. Smart Cities, 2020, 3, 894-927.	5.5	28
18	Millimeter-Wave Communication for Internet of Vehicles: Status, Challenges, and Perspectives. IEEE Internet of Things Journal, 2020, 7, 8525-8546.	5.5	124

#	ARTICLE	IF	CITATIONS
19	Electronic Regulation of Data Sharing and Processing Using Smart Ledger Technologies for Supply-Chain Security. IEEE Transactions on Engineering Management, 2020, 67, 1059-1073.	2.4	28
20	Smart Distributed Ledger Technologies in Industry 4.0: Challenges and Opportunities in Supply Chain Management. Advanced Sciences and Technologies for Security Applications, 2020, , 319-345.	0.4	8
21	Digital Twins for Precision Healthcare. Advanced Sciences and Technologies for Security Applications, 2020, , 133-158.	0.4	38
22	Corrections to "Electronic Regulation of Data Sharing and Processing Using Smart Ledger Technologies for Supply-Chain Security" [doi: 10.1109/TEM.2020.2965991]. IEEE Transactions on Engineering Management, 2020, 67, 979-979.	2.4	2
23	Deep Convolutional Neural Networks for Forensic Age Estimation: A Review. Advanced Sciences and Technologies for Security Applications, 2020, , 375-395.	0.4	2
24	Non-interactive zero knowledge proofs for the authentication of IoT devices in reduced connectivity environments. Ad Hoc Networks, 2019, 95, 101988.	3.4	35
25	AdPEXT: Designing a Tool to Assess Information Gleaned from Browsers by Online Advertising Platforms. , 2019, , .		2
26	Federated Blockchain-Based Tracking and Liability Attribution Framework for Employees and Cyber-Physical Objects in a Smart Workplace. , 2019, , .		18
27	Blockchain for Modern Digital Forensics: The Chain-of-Custody as a Distributed Ledger. Advanced Sciences and Technologies for Security Applications, 2019, , 149-168.	0.4	32
28	Big Data Forensics: Hadoop Distributed File Systems as a Case Study. , 2019, , 179-210.		7
29	Preliminaries of Orthogonal Layered Defence Using Functional and Assurance Controls in Industrial Control Systems. Journal of Sensor and Actuator Networks, 2019, 8, 14.	2.3	10
30	Blockchain and Healthcare. Advanced Sciences and Technologies for Security Applications, 2019, , 1-29.	0.4	17
31	Security and Privacy of Things: Regulatory Challenges and Gaps for the Secure Integration of Cyber-Physical Systems. Advances in Intelligent Systems and Computing, 2019, , 1-12.	0.5	4
32	Error Reconciliation with Turbo Codes for Secret Key Generation in Vehicular Ad Hoc Networks. Advances in Intelligent Systems and Computing, 2019, , 696-704.	0.5	1
33	Optimizing Turbo Codes for Secret Key Generation in Vehicular Ad Hoc Networks. Advances in Science, Technology and Innovation, 2019, , 287-293.	0.2	2
34	Distributed Filesystem Forensics: Ceph as a Case Study. , 2019, , 129-151.		2
35	Nonreciprocity Compensation Combined With Turbo Codes for Secret Key Generation in Vehicular Ad Hoc Social IoT Networks. IEEE Internet of Things Journal, 2018, 5, 2496-2505.	5.5	37
36	Proactive Threat Detection for Connected Cars Using Recursive Bayesian Estimation. IEEE Sensors Journal, 2018, 18, 4822-4831.	2.4	24

#	ARTICLE	IF	CITATIONS
37	A Model for Android and iOS Applications Risk Calculation: CVSS Analysis and Enhancement Using Case-Control Studies. <i>Advances in Information Security</i> , 2018, , 219-237.	0.9	9
38	Quantisation feasibility and performance of RSS-based secret key extraction in VANETs. , 2018, , .		4
39	Understanding the Cyber-Victimisation of People with Long Term Conditions and the Need for Collaborative Forensics-Enabled Disease Management Programmes. <i>Advanced Sciences and Technologies for Security Applications</i> , 2018, , 227-250.	0.4	2
40	Physical characteristics of wireless communication channels for secret key establishment: A survey of the research. <i>Computers and Security</i> , 2018, 78, 454-476.	4.0	23
41	Adaptive Traffic Fingerprinting for Darknet Threat Intelligence. <i>Advances in Information Security</i> , 2018, , 193-217.	0.9	9
42	Cyberstalking: Investigating formal intervention and the role of Corporate Social Responsibility. <i>Telematics and Informatics</i> , 2017, 34, 339-349.	3.5	27
43	Classification of colloquial Arabic tweets in real-time to detect high-risk floods. , 2017, , .		16
44	A Novel Anonymity Quantification and Preservation Model for UnderNet Relay Networks. <i>Communications in Computer and Information Science</i> , 2016, , 371-384.	0.4	2
45	Anonymity networks and the fragile cyber ecosystem. <i>Network Security</i> , 2016, 2016, 10-18.	0.6	6
46	How technology can mitigate and counteract cyber-stalking and online grooming. <i>Computer Fraud and Security</i> , 2016, 2016, 14-18.	1.3	15
47	Fruit Fly Optimization Algorithm for Network-Aware Web Service Composition in the Cloud. <i>International Journal of Advanced Computer Science and Applications</i> , 2016, 7, .	0.5	4
48	A Hybrid Mitigation Technique for Malicious Network Traffic based on Active Response. <i>International Journal of Security and Its Applications</i> , 2015, 9, 63-80.	0.5	6
49	Towards Network-Aware Composition of Big Data Services in the Cloud. <i>International Journal of Advanced Computer Science and Applications</i> , 2015, 6, .	0.5	2
50	Network Aware Composition for Internet of Thing Services. <i>Transactions on Networks and Communications</i> , 2015, 3, .	0.2	7
51	The World "Wild" Web: Cyber-Security Intelligence Gathering Opportunities from the "Dark" Side. , 2015, , 1265-1270.		0
52	The DarkWeb: Cyber-Security Intelligence Gathering Opportunities, Risks and Rewards. <i>Journal of Computing and Information Technology</i> , 2014, 22, 21.	0.2	2
53	A Survey of QoS-aware Web Service Composition Techniques. <i>International Journal of Computer Applications</i> , 2014, 89, 10-17.	0.2	12
54	Guidelines for Internet of Things Deployment Approaches "The Thing Commandments. <i>Procedia Computer Science</i> , 2013, 21, 122-131.	1.2	45

#	ARTICLE	IF	CITATIONS
55	Internet of Things Forensics: Challenges and Approaches. , 2013, , .		109
56	Effects of iterative block ciphers on quality of experience for Internet Protocol Security enabled voice over IP calls. IET Information Security, 2012, 6, 141-148.	1.1	1
57	Bridging the gap between security and quality of service for VoIP streams over unicast transmissions. , 2011, , .		0
58	Affects of Queuing Mechanisms on RTP Traffic: Comparative Analysis of Jitter, End-to-End Delay and Packet Loss. , 2010, , .		9