

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	Cyber security in the age of COVID-19: A timeline and analysis of cyber-crime and cyber-attacks during the pandemic. <i>Computers and Security</i> , 2021, 105, 102248.	4.0	294
2	Millimeter-Wave Communication for Internet of Vehicles: Status, Challenges, and Perspectives. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8525-8546.	5.5	124
3	Internet of Things Forensics: Challenges and Approaches. , 2013, , .		109
4	Integration of federated machine learning and blockchain for the provision of secure big data analytics for Internet of Things. <i>Computers and Security</i> , 2021, 109, 102393.	4.0	55
5	Guidelines for Internet of Things Deployment Approaches – The Thing Commandments. <i>Procedia Computer Science</i> , 2013, 21, 122-131.	1.2	45
6	Digital Twins for Precision Healthcare. <i>Advanced Sciences and Technologies for Security Applications</i> , 2020, , 133-158.	0.4	38
7	Nonreciprocity Compensation Combined With Turbo Codes for Secret Key Generation in Vehicular Ad Hoc Social IoT Networks. <i>IEEE Internet of Things Journal</i> , 2018, 5, 2496-2505.	5.5	37
8	Non-interactive zero knowledge proofs for the authentication of IoT devices in reduced connectivity environments. <i>Ad Hoc Networks</i> , 2019, 95, 101988.	3.4	35
9	Blockchain for Modern Digital Forensics: The Chain-of-Custody as a Distributed Ledger. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019, , 149-168.	0.4	32
10	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. <i>IEEE Sensors Journal</i> , 2021, 21, 15753-15761.	2.4	32
11	Distributed Ledger Technologies in Supply Chain Security Management: A Comprehensive Survey. <i>IEEE Transactions on Engineering Management</i> , 2023, 70, 713-739.	2.4	32
12	Cyber Resilience and Incident Response in Smart Cities: A Systematic Literature Review. <i>Smart Cities</i> , 2020, 3, 894-927.	5.5	28
13	Electronic Regulation of Data Sharing and Processing Using Smart Ledger Technologies for Supply-Chain Security. <i>IEEE Transactions on Engineering Management</i> , 2020, 67, 1059-1073.	2.4	28
14	Cyberstalking: Investigating formal intervention and the role of Corporate Social Responsibility. <i>Telematics and Informatics</i> , 2017, 34, 339-349.	3.5	27
15	Proactive Threat Detection for Connected Cars Using Recursive Bayesian Estimation. <i>IEEE Sensors Journal</i> , 2018, 18, 4822-4831.	2.4	24
16	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
17	Adaptive and Optimum Secret Key Establishment for Secure Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 2310-2321.	3.9	19
18	Federated Blockchain-Based Tracking and Liability Attribution Framework for Employees and Cyber-Physical Objects in a Smart Workplace. , 2019, , .		18

#	ARTICLE	IF	CITATIONS
19	Blockchain and Healthcare. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019, , 1-29.	0.4	17
20	Classification of colloquial Arabic tweets in real-time to detect high-risk floods. , 2017, , .		16
21	How technology can mitigate and counteract cyber-stalking and online grooming. <i>Computer Fraud and Security</i> , 2016, 2016, 14-18.	1.3	15
22	A Survey of QoS-aware Web Service Composition Techniques. <i>International Journal of Computer Applications</i> , 2014, 89, 10-17.	0.2	12
23	Smart delivery and retrieval of swab collection kit for COVID-19 test using autonomous Unmanned Aerial Vehicles. <i>Physical Communication</i> , 2021, 48, 101373.	1.2	11
24	Blockchain and IoMT against Physical Abuse: Bullying in Schools as a Case Study. <i>Journal of Sensor and Actuator Networks</i> , 2021, 10, 1.	2.3	11
25	Preliminaries of Orthogonal Layered Defence Using Functional and Assurance Controls in Industrial Control Systems. <i>Journal of Sensor and Actuator Networks</i> , 2019, 8, 14.	2.3	10
26	Affects of Queuing Mechanisms on RTP Traffic: Comparative Analysis of Jitter, End-to-End Delay and Packet Loss. , 2010, , .		9
27	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
28	Adaptive Traffic Fingerprinting for Darknet Threat Intelligence. <i>Advances in Information Security</i> , 2018, , 193-217.	0.9	9
29	Smart Distributed Ledger Technologies in Industry 4.0: Challenges and Opportunities in Supply Chain Management. <i>Advanced Sciences and Technologies for Security Applications</i> , 2020, , 319-345.	0.4	8
30	Reinforcement Learning for Security-Aware Computation Offloading in Satellite Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 12351-12363.	5.5	8
31	Big Data Forensics: Hadoop Distributed File Systems as a Case Study. , 2019, , 179-210.		7
32	Network Aware Composition for Internet of Thing Services. <i>Transactions on Networks and Communications</i> , 2015, 3, .	0.2	7
33	Super Learner Ensemble for Anomaly Detection and Cyber-Risk Quantification in Industrial Control Systems. <i>IEEE Internet of Things Journal</i> , 2022, 9, 13279-13297.	5.5	7
34	Anonymity networks and the fragile cyber ecosystem. <i>Network Security</i> , 2016, 2016, 10-18.	0.6	6
35	A Flow-based Multi-agent Data Exfiltration Detection Architecture for Ultra-low Latency Networks. <i>ACM Transactions on Internet Technology</i> , 2021, 21, 1-30.	3.0	6
36	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

#	ARTICLE	IF	CITATIONS
37	A Holistic Systems Security Approach Featuring Thin Secure Elements for Resilient IoT Deployments. Sensors, 2020, 20, 5252.	2.1	5
38	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
39	Quantisation feasibility and performance of RSS-based secret key extraction in VANETs. , 2018, , .		4
40	Fruit Fly Optimization Algorithm for Network-Aware Web Service Composition in the Cloud. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	4
41	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
42	A privacy-preserving route planning scheme for the Internet of Vehicles. Ad Hoc Networks, 2021, 123, 102680.	3.4	3
43	The DarkWeb: Cyber-Security Intelligence Gathering Opportunities, Risks and Rewards. Journal of Computing and Information Technology, 2014, 22, 21.	0.2	2
44	A Novel Anonymity Quantification and Preservation Model for UnderNet Relay Networks. Communications in Computer and Information Science, 2016, , 371-384.	0.4	2
45	Understanding the Cyber-Victimisation of People with Long Term Conditions and the Need for Collaborative Forensics-Enabled Disease Management Programmes. Advanced Sciences and Technologies for Security Applications, 2018, , 227-250.	0.4	2
46	AdPEXT: Designing a Tool to Assess Information Gleaned from Browsers by Online Advertising Platforms. , 2019, , .		2
47	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
48	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
49	Towards Network-Aware Composition of Big Data Services in the Cloud. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.5	2
50	Optimizing Turbo Codes for Secret Key Generation in Vehicular Ad Hoc Networks. Advances in Science, Technology and Innovation, 2019, , 287-293.	0.2	2
51	Distributed Filesystem Forensics: Ceph as a Case Study. , 2019, , 129-151.		2
52	Deep Convolutional Neural Networks for Forensic Age Estimation: A Review. Advanced Sciences and Technologies for Security Applications, 2020, , 375-395.	0.4	2
53	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
54	Special Issue "Security Threats and Countermeasures in Cyber-Physical Systems" Journal of Sensor and Actuator Networks, 2021, 10, 54.	2.3	1

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55	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
56	Bridging the gap between security and quality of service for VoIP streams over unicast transmissions. , 2011, , .		0
57	Trustworthy digital infrastructure for identity systems: why should privacy matter to security engineers?. Computer Fraud and Security, 2021, 2021, 6-11.	1.3	0
58	The World â€œWildâ€•Web: Cyber-Security Intelligence Gathering Opportunities from the â€œDarkâ€•Side. , 2015, , 1265-1270.		0