

Leandros A Maglaras

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.

125
papers

2,842
citations

28
h-index

51
g-index

156
ext. papers

3,910
ext. citations

2.7
avg, IF

6.21
L-index

#	Paper	IF	Citations
125	A multiplayer game model to detect insiders in wireless sensor networks.. <i>PeerJ Computer Science</i> , 2022 , 8, e791	2.7	2
124	SAMA: Security-Aware Monitoring Approach for Location Abusing and UAV GPS-Spoofing Attacks on Internet of Vehicles. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022 , 343-360	0.2	
123	Edge-IIoTset: A New Comprehensive Realistic Cyber Security Dataset of IoT and IIoT Applications for Centralized and Federated Learning. <i>IEEE Access</i> , 2022 , 1-1	3.5	10
122	Healthcare Security Incident Response Strategy - A Proactive Incident Response (IR) Procedure. <i>Security and Communication Networks</i> , 2022 , 2022, 1-10	1.9	
121	FELIDS: Federated learning-based intrusion detection system for agricultural Internet of Things. <i>Journal of Parallel and Distributed Computing</i> , 2022 , 165, 17-31	4.4	2
120	Artificial Intelligence: Practical and Ethical Challenges. <i>Studies in Computational Intelligence</i> , 2022 , 59-71	0.8	
119	Development and application of the Information Security Core Human Error Causes (IS-CHEC) technique 2022 , 267-295		
118	. <i>IEEE Access</i> , 2021 , 9, 138509-138542	3.5	12
117	WHISPER: A Location Privacy-Preserving Scheme Using Transmission Range Changing for Internet of Vehicles. <i>Sensors</i> , 2021 , 21,	3.8	3
116	Internet of Things for the Future of Smart Agriculture: A Comprehensive Survey of Emerging Technologies. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 718-752	7	89
115	EASBF: An efficient authentication scheme over blockchain for fog computing-enabled internet of vehicles. <i>Journal of Information Security and Applications</i> , 2021 , 59, 102802	3.5	10
114	Blockchain Technology: Security and Privacy Issues. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 95-107	0.5	
113	Between Location protection and Overthrowing: A Contrariness Framework Study for Smart Vehicles 2021 ,		1
112	A Novel Hybrid Cyber Range for Security Exercises on Cyber-Physical Systems. <i>International Journal of Smart Security Technologies</i> , 2021 , 8, 16-34	0.3	1
111	Cyber Ranges and TestBeds for Education, Training, and Research. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1809	2.6	8
110	Intrusion Detection in Critical Infrastructures: A Literature Review. <i>Smart Cities</i> , 2021 , 4, 1146-1157	3.3	2
109	RF Jamming Classification Using Relative Speed Estimation in Vehicular Wireless Networks. <i>Security and Communication Networks</i> , 2021 , 2021, 1-16	1.9	1

108	Digital Transformation and Cybersecurity of Critical Infrastructures. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8357	2.6	
107	A Mamdani Type Fuzzy Inference System to Calculate Employee Susceptibility to Phishing Attacks. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9083	2.6	
106	Cybersecurity maturity assessment framework for higher education institutions in Saudi Arabia. <i>PeerJ Computer Science</i> , 2021 , 7, e703	2.7	4
105	2020 ,		1
104	Two-Hop Monitoring Mechanism Based on Relaxed Flow Conservation Constraints against Selective Routing Attacks in Wireless Sensor Networks. <i>Sensors</i> , 2020 , 20,	3.8	5
103	A Holistic Cybersecurity Maturity Assessment Framework for Higher Education Institutions in the United Kingdom. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3660	2.6	14
102	The Security Aspects of Automotive Over-the-Air Updates. <i>International Journal of Cyber Warfare and Terrorism</i> , 2020 , 10, 64-81	0.3	2
101	A Detailed Analysis of Using Supervised Machine Learning for Intrusion Detection. <i>Springer Proceedings in Business and Economics</i> , 2020 , 629-639	0.2	3
100	RDTIDS: Rules and Decision Tree-Based Intrusion Detection System for Internet-of-Things Networks. <i>Future Internet</i> , 2020 , 12, 44	3.3	49
99	On the conference key distribution system with user anonymity. <i>Journal of Information Security and Applications</i> , 2020 , 54, 102556	3.5	3
98	Use Of Smartphones for Ensuring Vulnerable Road User Safety through Path Prediction and Early Warning: An In-Depth Review of Capabilities, Limitations and Their Applications in Cooperative Intelligent Transport Systems. <i>Sensors</i> , 2020 , 20,	3.8	8
97	Security and Privacy Issues and Solutions for Fog 2020 , 353-374		8
96	. <i>IEEE Access</i> , 2020 , 8, 32031-32053	3.5	107
95	Cybersecurity in the Era of Digital Transformation: The case of Greece 2020 ,		3
94	Developing Cyber Buffer Zones 2020 , 287-303		
93	Cyber Threats in the Healthcare Sector and Countermeasures. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2020 , 109-124	0.3	
92	Security and privacy challenges in the field of iOS device forensics. <i>AIMS Electronics and Electrical Engineering</i> , 2020 , 4, 249-258	1	2
91	Novel Intrusion Detection Mechanism with Low Overhead for SCADA Systems 2020 , 299-318		1

90	Cooperative Speed Estimation of an RF Jammer in Wireless Vehicular Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 205-223	0.9	
89	The Cost Perspective of Password Security. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2020 , 319-330	0.3	1
88	Taxonomy of Supervised Machine Learning for Intrusion Detection Systems. <i>Springer Proceedings in Business and Economics</i> , 2020 , 619-628	0.2	2
87	Teaching the process of building an Intrusion Detection System using data from a small-scale SCADA testbed. <i>Internet Technology Letters</i> , 2020 , 3, e132	1.3	5
86	Deep learning for cyber security intrusion detection: Approaches, datasets, and comparative study. <i>Journal of Information Security and Applications</i> , 2020 , 50, 102419	3.5	194
85	A novel Intrusion Detection System against spoofing attacks in connected Electric Vehicles. <i>Array</i> , 2020 , 5, 100013	4.7	28
84	A NIS Directive Compliant Cybersecurity Maturity Assessment Framework 2020 ,		2
83	DeepCoin: A Novel Deep Learning and Blockchain-Based Energy Exchange Framework for Smart Grids. <i>IEEE Transactions on Engineering Management</i> , 2020 , 67, 1285-1297	2.6	93
82	Authentication schemes for smart mobile devices: threat models, countermeasures, and open research issues. <i>Telecommunication Systems</i> , 2020 , 73, 317-348	2.3	28
81	DeliveryCoin: An IDS and Blockchain-Based Delivery Framework for Drone-Delivered Services. <i>Computers</i> , 2019 , 8, 58	1.9	36
80	Authentication and Authorization for Mobile IoT Devices Using Biofeatures: Recent Advances and Future Trends. <i>Security and Communication Networks</i> , 2019 , 2019, 1-20	1.9	32
79	Evaluating information security core human error causes (IS-CHEC) technique in public sector and comparison with the private sector. <i>International Journal of Medical Informatics</i> , 2019 , 127, 109-119	5.3	11
78	A Novel Hierarchical Intrusion Detection System Based on Decision Tree and Rules-Based Models 2019 ,		57
77	Blockchain and Random Subspace Learning-Based IDS for SDN-Enabled Industrial IoT Security. <i>Sensors</i> , 2019 , 19,	3.8	65
76	Employee Perspective on Information Security Related Human Error in Healthcare: Proactive Use of IS-CHEC in Questionnaire Form. <i>IEEE Access</i> , 2019 , 7, 102087-102101	3.5	10
75	Blockchain and Its Role in the Internet of Things. <i>Springer Proceedings in Business and Economics</i> , 2019 , 1029-1038	0.2	12
74	Cyber Security: From Regulations and Policies to Practice. <i>Springer Proceedings in Business and Economics</i> , 2019 , 763-770	0.2	6
73	Protecting Civilians from Cyber Warfare with Cyber Buffer Zones. <i>International Journal of Smart Security Technologies</i> , 2019 , 6, 31-48	0.3	

72	Stochastic Optimization of Electric Vehicle Charging Stations 2019 ,		1
71	Estimating the Relative Speed of RF Jammers in VANETs. <i>Security and Communication Networks</i> , 2019 , 2019, 1-18	1.9	11
70	Intrusion Detection System for Platooning Connected Autonomous Vehicles 2019 ,		8
69	Real-Time Information Security Incident Management: A Case Study Using the IS-CHEC Technique. <i>IEEE Access</i> , 2019 , 7, 142147-142175	3.5	6
68	Developing cyber peacekeeping: Observation, monitoring and reporting. <i>Government Information Quarterly</i> , 2019 , 36, 276-293	7.6	7
67	Blockchain Technologies for the Internet of Things: Research Issues and Challenges. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2188-2204	10.7	289
66	HEART-IS: A novel technique for evaluating human error-related information security incidents. <i>Computers and Security</i> , 2019 , 80, 74-89	4.9	28
65	Electronic medical records and risk management in hospitals of Saudi Arabia. <i>Informatics for Health and Social Care</i> , 2019 , 44, 189-203	2.7	4
64	Cyber security of critical infrastructures. <i>ICT Express</i> , 2018 , 4, 42-45	4.9	71
63	Internet of Cloud: Security and Privacy Issues. <i>Studies in Big Data</i> , 2018 , 271-301	0.9	15
62	A systematic review of data protection and privacy preservation schemes for smart grid communications. <i>Sustainable Cities and Society</i> , 2018 , 38, 806-835	10.1	51
61	An introduction to cyber peacekeeping. <i>Journal of Network and Computer Applications</i> , 2018 , 114, 70-87	7.9	9
60	CYRAN 2018 , 622-637		9
59	Threats, Countermeasures and Attribution of Cyber Attacks on Critical Infrastructures. <i>EAI Endorsed Transactions on Security and Safety</i> , 2018 , 5, 155856	1.3	9
58	A Novel Method for Calculating Customer Reviews Ratings. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 460-478	0.3	
57	SCIPS 2018 , 1168-1183		
56	Security for 4G and 5G cellular networks: A survey of existing authentication and privacy-preserving schemes. <i>Journal of Network and Computer Applications</i> , 2018 , 101, 55-82	7.9	126
55	Managing incident response in the industrial internet of things. <i>International Journal of Internet Technology and Secured Transactions</i> , 2018 , 8, 251	0.6	3

54	2018,			1
53	Taxonomy of Biometric-based Authentication Schemes for Mobile Computing Devices 2018,			1
52	Privacy-preserving Schemes for Fog-based IoT Applications: Threat models, Solutions, and Challenges 2018,			6
51	Vulnerability Assessment of Cyber Security for SCADA Systems. <i>Computer Communications and Networks, 2018, 59-80</i>	0.5		3
50	Convergence of detection probability, computational gains, and asymptotic analysis of an algorithm for physical-layer intrusion detection system. <i>Transactions on Emerging Telecommunications Technologies, 2018, 29, e3430</i>	1.9		
49	Vulnerability Analysis of Network Scanning on SCADA Systems. <i>Security and Communication Networks, 2018, 2018, 1-21</i>	1.9		34
48	Route Optimization of Electric Vehicles Based on Dynamic Wireless Charging. <i>IEEE Access, 2018, 6, 42551-42565</i>	1.4	25	52
47	. <i>IEEE Communications Surveys and Tutorials, 2017, 19, 3015-3045</i>	37.1		85
46	Architectural and information theoretic perspectives of physical layer intruders for direct sequence spread spectrum systems. <i>Computers and Security, 2017, 70, 124-143</i>	4.9		3
45	Authentication Protocols for Internet of Things: A Comprehensive Survey. <i>Security and Communication Networks, 2017, 2017, 1-41</i>	1.9		137
44	On data leakage from non-production systems. <i>Information and Computer Security, 2017, 25, 454-474</i>	1.4		1
43	The industrial control system cyber defence triage process. <i>Computers and Security, 2017, 70, 467-481</i>	4.9		25
42	Security and Privacy in Fog Computing: Challenges. <i>IEEE Access, 2017, 5, 19293-19304</i>	3.5		302
41	SCIPS. <i>International Journal of Cyber Warfare and Terrorism, 2017, 7, 1-15</i>	0.3		3
40	A security architectural pattern for risk management of industry control systems within critical national infrastructure. <i>International Journal of Critical Infrastructures, 2017, 13, 113</i>	1		5
39	Can a Network Attack Be Simulated in an Emulated Environment for Network Security Training?. <i>Journal of Sensor and Actuator Networks, 2017, 6, 16</i>	3.8		4
38	An assessment of the application of IT security mechanisms to industrial control systems. <i>International Journal of Internet Technology and Secured Transactions, 2017, 7, 144</i>	0.6		8
37	A Novel Intrusion Detection Mechanism for SCADA systems which Automatically Adapts to Network Topology Changes. <i>EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2017, 4, 152155</i>	1.5		8

36	OSNs as Cyberterrorist Weapons against the General Public. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2017 , 179-197	0.3	
35	Security Visualization: Detecting Denial of Service. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 39-49	0.2	
34	Effect of Network Architecture Changes on OCSVM Based Intrusion Detection System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 90-100	0.2	0
33	The mimetic virus: a vector for cyberterrorism. <i>International Journal of Business Continuity and Risk Management</i> , 2016 , 6, 259	0.2	3
32	. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2236-2246	11.9	74
31	Cyberterrorism targeting the general public through social media. <i>Security and Communication Networks</i> , 2016 , 9, 2864-2875	1.9	8
30	Human behaviour as an aspect of cybersecurity assurance. <i>Security and Communication Networks</i> , 2016 , 9, 4667-4679	1.9	53
29	Social Clustering of Vehicles Based on Semi-Markov Processes. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 318-332	6.8	31
28	Attribution of Cyber Attacks on Industrial Control Systems. <i>EAI Endorsed Transactions on Industrial Networks and Intelligent Systems</i> , 2016 , 3, 151158	1.5	10
27	MIMO Techniques for Jamming Threat Suppression in Vehicular Networks. <i>Mobile Information Systems</i> , 2016 , 2016, 1-9	1.4	7
26	Social Internet of Vehicles for Smart Cities. <i>Journal of Sensor and Actuator Networks</i> , 2016 , 5, 3	3.8	75
25	Improved Security Performance for VANET Simulations. <i>IFAC-PapersOnLine</i> , 2016 , 49, 233-238	0.7	3
24	Combining ensemble methods and social network metrics for improving accuracy of OCSVM on intrusion detection in SCADA systems. <i>Journal of Information Security and Applications</i> , 2016 , 30, 15-26	3.5	51
23	A Robust Eco-Routing Protocol against Malicious Data in Vehicular Networks 2015 ,		2
22	A novel adaptive learning management system using ontology 2015 ,		1
21	An Industrial Control Systems incident response decision framework 2015 ,		4
20	A novel intrusion detection method based on OCSVM and K-means recursive clustering. <i>EAI Endorsed Transactions on Security and Safety</i> , 2015 , 2, e5	1.3	6
19	Intrusion detection in SCADA systems using machine learning techniques 2014 ,		58

18	Cooperative approaches for dynamic wireless charging of Electric Vehicles in a smart city 2014 ,		12
17	A Distributed IDS for Industrial Control Systems. <i>International Journal of Cyber Warfare and Terrorism</i> , 2014 , 4, 1-22	0.3	5
16	OCSVM model combined with K-means recursive clustering for intrusion detection in SCADA systems 2014 ,		19
15	Integrated OCSVM mechanism for intrusion detection in SCADA systems. <i>Electronics Letters</i> , 2014 , 50, 1935-1936	1.1	38
14	Clustering in Urban environments: Virtual forces applied to vehicles 2013 ,		5
13	Exploiting vehicular communications for reducing CO2 emissions in urban environments 2013 ,		8
12	Control and optimization of the Corona effects and breakdown of small rod-plate air gaps stressed by dc and impulse voltages 2013 ,		2
11	2013 ,		7
10	Distributed Skip Air Index for smart broadcasting in intelligent transportation systems 2012 ,		2
9	Distributed clustering in vehicular networks 2012 ,		25
8	New measures for characterizing the significance of nodes in wireless ad hoc networks via localized path-based neighborhood analysis. <i>Social Network Analysis and Mining</i> , 2012 , 2, 97-106	2.2	19
7	Layered backpressure scheduling for delay reduction in ad hoc networks 2011 ,		7
6	Insecure by Design: Using Human Interface Devices to exploit SCADA systems		3
5	Using Gamification to Raise Awareness of Cyber Threats to Critical National Infrastructure		6
4	Measuring the Risk of Cyber Attack in Industrial Control Systems		10
3	Deep Learning Techniques for Cyber Security Intrusion Detection : A Detailed Analysis		12
2	Novel Intrusion Detection Mechanism with Low Overhead for SCADA Systems. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 160-178	0.3	3
1	CYRAN. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 226-241	0.3	1

