Emmanouil Panaousis

List of Publications by Year
in descending order

58	1,148	516710 16	454955 30
papers	citations	h-index	g-index

59	59	59	982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On-the-Fly Privacy for Location Histograms. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 566-578.	5.4	4
2	TT-SVD: An Efficient Sparse Decision-Making Model With Two-Way Trust Recommendation in the AI-Enabled IoT Systems. IEEE Internet of Things Journal, 2021, 8, 9559-9567.	8.7	25
3	Cyber-Insurance: Past, Present and Future. , 2021, , 1-4.		1
4	Self-Configurable Cyber-Physical Intrusion Detection for Smart Homes Using Reinforcement Learning. IEEE Transactions on Information Forensics and Security, 2021, 16, 1720-1735.	6.9	50
5	Data-Driven Decision Support for Optimizing Cyber Forensic Investigations. IEEE Transactions on Information Forensics and Security, 2021, 16, 2397-2412.	6.9	26
6	Influence of Human Factors on Cyber Security within Healthcare Organisations: A Systematic Review. Sensors, 2021, 21, 5119.	3.8	70
7	Game-Theoretic Decision Support for Cyber Forensic Investigations. Sensors, 2021, 21, 5300.	3.8	8
8	Automated Cyber and Privacy Risk Management Toolkit. Sensors, 2021, 21, 5493.	3.8	16
9	Distributed Key Management in Microgrids. IEEE Transactions on Industrial Informatics, 2020, 16, 2125-2133.	11.3	16
10	Dynamic decision support for resource offloading in heterogeneous Internet of Things environments. Simulation Modelling Practice and Theory, 2020, 101, 102019.	3.8	21
11	ARIES: A Novel Multivariate Intrusion Detection System for Smart Grid. Sensors, 2020, 20, 5305.	3.8	32
12	Multiobjective Optimization Algorithms for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-5.	1.2	17
13	Cache-Based Privacy Preserving Solution for Location and Content Protection in Location-Based Services. Sensors, 2020, 20, 4651.	3.8	10
14	Deep Binarized Convolutional Neural Network Inferences over Encrypted Data. , 2020, , .		2
15	An Efficient Attribute-Based Multi-Keyword Search Scheme in Encrypted Keyword Generation. IEEE Access, 2020, 8, 99024-99036.	4.2	11
16	Post quantum proxy signature scheme based on the multivariate public key cryptographic signature. International Journal of Distributed Sensor Networks, 2020, 16, 155014772091477.	2.2	4
17	SECONDO: A Platform for Cybersecurity Investments and Cyber Insurance Decisions. Lecture Notes in Computer Science, 2020, , 65-74.	1.3	14
18	Optimizing Investments in Cyber Hygiene for Protecting Healthcare Users. Lecture Notes in Computer Science, 2020, , 268-291.	1.3	5

#	Article	IF	Citations
19	How Secure is Home: Assessing Human Susceptibility to IoT Threats. , 2020, , .		3
20	Apparatus: A framework for security analysis in internet of things systems. Ad Hoc Networks, 2019, 92, 101743.	5.5	14
21	Post-incident audits on cyber insurance discounts. Computers and Security, 2019, 87, 101593.	6.0	12
22	A taxonomy and survey of attacks against machine learning. Computer Science Review, 2019, 34, 100199.	15.3	139
23	CUREX: seCUre and pRivate hEalth data eXchange. , 2019, , .		12
24	Attacking IEC-60870-5-104 SCADA Systems. , 2019, , .		32
25	TAW: Cost-Effective Threshold Authentication With Weights for Internet of Things. IEEE Access, 2019, 7, 30112-30125.	4.2	6
26	A New Encrypted Data Switching Protocol: Bridging IBE and ABE Without Loss of Data Confidentiality. IEEE Access, 2019, 7, 50658-50668.	4.2	2
27	Quantum-Resistant Identity-Based Signature with Message Recovery and Proxy Delegation. Symmetry, 2019, 11, 272.	2.2	3
28	Using Sparse Representation to Detect Anomalies in Complex WSNs. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-18.	4.5	9
29	DT-CP: A Double-TTPs-Based Contract-Signing Protocol With Lower Computational Cost. IEEE Access, 2019, 7, 174740-174749.	4.2	14
30	A taxonomy and survey of cyber-physical intrusion detection approaches for vehicles. Ad Hoc Networks, 2019, 84, 124-147.	5.5	81
31	Cut-The-Rope: A Game of Stealthy Intrusion. Lecture Notes in Computer Science, 2019, , 404-416.	1.3	7
32	Honeypot Type Selection Games for Smart Grid Networks. Lecture Notes in Computer Science, 2019, , 85-96.	1.3	8
33	An Options Approach to Cybersecurity Investment. IEEE Access, 2018, 6, 12175-12186.	4.2	22
34	Cyber-Insurance as a Signaling Game: Self-reporting and External Security Audits. Lecture Notes in Computer Science, 2018, , 508-520.	1.3	6
35	Unsupervised Learning for Trustworthy IoT. , 2018, , .		14
36	Risk Assessment Uncertainties in Cybersecurity Investments. Games, 2018, 9, 34.	0.6	24

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37	An Enhanced Cyber Attack Attribution Framework. Lecture Notes in Computer Science, 2018, , 213-228.	1.3	12
38	Selecting Security Mechanisms in Secure Tropos. Lecture Notes in Computer Science, 2017, , 99-114.	1.3	3
39	Security requirements modelling for virtualized 5G small cell networks. , 2017, , .		5
40	ASTo: A tool for security analysis of IoT systems. , 2017, , .		11
41	Game theoretic path selection to support security in device-to-device communications. Ad Hoc Networks, 2017, 56, 28-42.	5.5	11
42	COALA: A Protocol for the Avoidance and Alleviation of Congestion in Wireless Sensor Networks. Sensors, 2017, 17, 2502.	3.8	18
43	The Applicability of Ambient Sensors as Proximity Evidence for NFC Transactions. , 2017, , .		7
44	A conceptual model to support security analysis in the internet of things. Computer Science and Information Systems, 2017, 14, 557-578.	1.0	16
45	Security Challenges of Small Cell as a Service in Virtualized Mobile Edge Computing Environments. Lecture Notes in Computer Science, 2016, , 70-84.	1.3	3
46	Apparatus:ÂReasoning About Security Requirements in the Internet of Things. Lecture Notes in Business Information Processing, 2016, , 219-230.	1.0	9
47	Decision support approaches for cyber security investment. Decision Support Systems, 2016, 86, 13-23.	5.9	166
48	Game-Theoretic Model of Incentivizing Privacy-Aware Users to Consent to Location Tracking. , 2015, , .		2
49	A game-theoretic approach for minimizing security risks in the Internet-of-Things. , 2015, , .		11
50	Secure Message Delivery Games for Device-to-Device Communications. Lecture Notes in Computer Science, 2014, , 195-215.	1.3	10
51	Cybersecurity Games and Investments: A Decision Support Approach. Lecture Notes in Computer Science, 2014, , 266-286.	1.3	26
52	Game Theory Meets Information Security Management. IFIP Advances in Information and Communication Technology, 2014, , 15-29.	0.7	39
53	Standardisation advancements in the area of routing for mobile ad-hoc networks. Journal of Supercomputing, 2013, 64, 409-434.	3.6	8
54	End-to-End Security Protection. IEEE Vehicular Technology Magazine, 2010, 5, 85-90.	3.4	4

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55	A game theoretic approach for securing AODV in emergency Mobile Ad Hoc Networks. , 2009, , .		13
56	Maximizing network throughput. IEEE Vehicular Technology Magazine, 2009, 4, 33-39.	3.4	4
57	Securing AODV against wormhole attacks in emergency MANET multimedia communications. , 2009, , .		20
58	Optimizing the channel load reporting process in IEEE 802.11k-enabled WLANs. , 2008, , .		6