Dimitris A Gritzalis

List of Publications by Year
in descending order

73 papers	1,732 citations	361413 20 h-index	345221 36 g-index
85 all docs	85 docs citations	85 times ranked	1307 citing authors

#	ARTICLE	IF	CITATIONS
1	Delegate the smartphone user? Security awareness in smartphone platforms. Computers and Security, 2013, 34, 47-66.	6.0	207
2	Defending Airports from UAS: A Survey on Cyber-Attacks and Counter-Drone Sensing Technologies. Sensors, 2020, 20, 3537.	3.8	122
3	The Big Four - What We Did Wrong in Advanced Persistent Threat Detection?. , 2013, , .		110
4	Principles and requirements for a secure e-voting system. Computers and Security, 2002, 21, 539-556.	6.0	108
5	A security architecture for interconnecting health information systems. International Journal of Medical Informatics, 2004, 73, 305-309.	3.3	67
6	Assessing n-order dependencies between critical infrastructures. International Journal of Critical Infrastructures, 2013, 9, 93.	0.2	63
7	Time-based critical infrastructure dependency analysis for large-scale and cross-sectoral failures. International Journal of Critical Infrastructure Protection, 2016, 12, 46-60.	4.6	62
8	Smartphone sensor data as digital evidence. Computers and Security, 2013, 38, 51-75.	6.0	51
9	Risk mitigation strategies for critical infrastructures based on graph centrality analysis. International Journal of Critical Infrastructure Protection, 2015, 10, 34-44.	4.6	50
10	The Insider Threat in Cloud Computing. Lecture Notes in Computer Science, 2013, , 93-103.	1.3	46
11	Exiting the Risk Assessment Maze. ACM Computing Surveys, 2019, 51, 1-30.	23.0	42
12	Smart Airport Cybersecurity: Threat Mitigation and Cyber Resilience Controls. Sensors, 2019, 19, 19.	3.8	41
13	Revisiting Legal and Regulatory Requirements for Secure E-Voting. IFIP Advances in Information and Communication Technology, 2002, , 469-480.	0.7	37
14	Security Busters: Web browser security vs. rogue sites. Computers and Security, 2015, 52, 90-105.	6.0	36
15	Proactive insider threat detection through social media. , 2013, , .		32
16	Towards a framework for evaluating certificate status information mechanisms. Computer Communications, 2003, 26, 1839-1850.	5.1	31
17	Long-term verifiability of the electronic healthcare records' authenticity. International Journal of Medical Informatics, 2007, 76, 442-448.	3.3	30
18	Privacy Risk, Security, Accountability in the Cloud. , 2013, , .		28

#	Article	IF	Citations
19	Is Xenios Zeus Still Alive? Destination Image of Athens in the Years of Recession. Journal of Travel Research, 2018, 57, 540-554.	9.0	25
20	Interdependencies between Critical Infrastructures: Analyzing the Risk of Cascading Effects. Lecture Notes in Computer Science, 2013, , 104-115.	1.3	24
21	Evaluating certificate status information mechanisms. , 2000, , .		22
22	Cumulative notarization for long-term preservation of digital signatures. Computers and Security, 2004, 23, 413-424.	6.0	22
23	Cascading Effects of Common-Cause Failures in Critical Infrastructures. IFIP Advances in Information and Communication Technology, 2013, , 171-182.	0.7	22
24	Cyber-Attacks on the Oil & Gas Sector: A Survey on Incident Assessment and Attack Patterns. IEEE Access, 2020, 8, 128440-128475.	4.2	22
25	Automatic analysis of attack graphs for risk mitigation and prioritization on large-scale and complex networks in Industry 4.0. International Journal of Information Security, 2022, 21, 37-59.	3.4	22
26	A Qualitative Metrics Vector for the Awareness of Smartphone Security Users. Lecture Notes in Computer Science, 2013, , 173-184.	1.3	22
27	A SIP-oriented SPIT Management Framework. Computers and Security, 2008, 27, 136-153.	6.0	21
28	Stress level detection via OSN usage pattern and chronicity analysis: An OSINT threat intelligence module. Computers and Security, 2017, 69, 3-17.	6.0	21
29	A new strategy for improving cyber-attacks evaluation in the context of Tallinn Manual. Computers and Security, 2018, 74, 371-383.	6.0	19
30	Enhancing security and improving interoperability in healthcare information systems. Medical Informatics = Medecine Et Informatique, 1998, 23, 309-323.	0.8	17
31	Can We Trust This User? Predicting Insider's Attitude via YouTube Usage Profiling. , 2013, , .		16
32	Exploring the protection of private browsing in desktop browsers. Computers and Security, 2017, 67, 181-197.	6.0	16
33	Insiders Trapped in the Mirror Reveal Themselves in Social Media. Lecture Notes in Computer Science, 2013, , 220-235.	1.3	15
34	Mobile Devices: A Phisherâ€™s Paradise. , 2014, , .		14
35	ASPF: Adaptive anti-SPIT Policy-based Framework. , 2011, , .		13
36	A new methodology toward effectively assessing data center sustainability. Computers and Security, 2018, 76, 327-340.	6.0	13

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37	Analyzing Congestion Interdependencies of Ports and Container Ship Routes in the Maritime Network Infrastructure. IEEE Access, 2018, 6, 63823-63832.	4.2	13
38	Automatic network restructuring and risk mitigation through business process asset dependency analysis. Computers and Security, 2020, 96, 101869.	6.0	12
39	Functional Requirements for a Secure Electronic Voting System. IFIP Advances in Information and Communication Technology, 2002, , 507-519.	0.7	12
40	Interdependency analysis of junctions for congestion mitigation in Transportation Infrastructures. Performance Evaluation Review, 2017, 45, 119-124.	0.6	12
41	Trusted third party services for deploying secure telemedical applications over the WWW. Computers and Security, 1999, 18, 627-639.	6.0	11
42	Exploitation of auctions for outsourcing security-critical projects. , 2011, , .		10
43	An Adaptive Policy-Based Approach to SPIT Management. Lecture Notes in Computer Science, 2008, , 446-460.	1.3	9
44	Return on Security Investment for Cloud Platforms. , 2013, , .		9
45	A game-theoretic analysis of preventing spam over Internet Telephony via audio CAPTCHA-based authentication. Journal of Computer Security, 2014, 22, 383-413.	0.8	9
46	Using side channel TCP features for real-time detection of malware connections. Journal of Computer Security, 2019, 27, 507-520.	0.8	8
47	Assessing Interdependencies and Congestion Delays in the Aviation Network. IEEE Access, 2020, 8, 223234-223254.	4.2	8
48	S-Port: Collaborative security management of Port Information systems. , 2013, , .		7
49	A process-based dependency risk analysis methodology for critical infrastructures. International Journal of Critical Infrastructures, 2017, 13, 184.	0.2	7
50	Implementing Cyber-Security Measures in Airports to Improve Cyber-Resilience. , 2018, , .		7
51	Dropping malware through sound injection: A comparative analysis on Android operating systems. Computers and Security, 2021, 105, 102228.	6.0	7
52	Evaluating the Manageability of Web Browsers Controls. Lecture Notes in Computer Science, 2013, , 82-98.	1.3	7
53	Formal analysis for robust anti-SPIT protection using model checking. International Journal of Information Security, 2012, 11, 121-135.	3.4	6
54	Smart Home Solutions: Privacy Issues. , 2014, , 1-14.		6

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55	An Intensive Analysis of Security and Privacy Browser Add-Ons. Lecture Notes in Computer Science, 2016, , 258-273.	1.3	5
56	Smart Home Solutions: Privacy Issues. , 2017, , 67-81.		5
57	Cyberoperations and international humanitarian law. Information and Computer Security, 2016, 24, 38-52.	2.2	4
58	A Security-Aware Framework for Designing Industrial Engineering Processes. IEEE Access, 2021, 9, 163065-163085.	4.2	4
59	A Practical Steganographic Approach for Matroska Based High Quality Video Files. , 2013, , .		3
60	Contextualized Filtering for Shared Cyber Threat Information. Sensors, 2021, 21, 4890.	3.8	3
61	Misinformation vs. Situational Awareness: The Art of Deception and the Need for Cross-Domain Detection. Sensors, 2021, 21, 5496.	3.8	3
62	Analysis and Classification of Mitigation Tools against Cyberattacks in COVID-19 Era. Security and Communication Networks, 2021, 2021, 1-21.	1.5	3
63	Sensors Cybersecurity. Sensors, 2021, 21, 1762.	3.8	2
64	Risk Assessment of Multi-Order Dependencies between Critical Information and Communication Infrastructures. , 2013, , 153-172.		2
65	BLAST: Off-the-Shelf Hardware for Building an Efficient Hash-Based Cluster Storage System. , 2009, , .		1
66	Side Channel Attacks over Encrypted TCP/IP Modbus Reveal Functionality Leaks. , 2018, , .		1
67	Youtube User and Usage Profiling: Stories of Political Horror and Security Success. Communications in Computer and Information Science, 2014, , 270-289.	0.5	1
68	Guest editors' preface. Journal of Computer Security, 2002, 10, 211-211.	0.8	0
69	Program analysis with risk-based classification of dynamic invariants for logical error detection. Computers and Security, 2017, 71, 36-50.	6.0	0
70	Leaking supervisory controls and data acquisition commands over unpadded TCP/IP encryption through differential packet size analysis. Security and Privacy, 2020, 3, e82.	2.7	0
71	Towards Integrating Security in Industrial Engineering Design Practices. , 2021, , .		0
72	Security policy development for Healthcare Information Systems. Studies in Health Technology and Informatics, 2003, 96, 105-10.	0.3	0

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73	Towards an Automated Business Process Model Risk Assessment: A Process Mining Approach. , 2022, , .		0