

Dimitris A Gritzalis

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.

68

papers

1,143

citations

18

h-index

31

g-index

85

ext. papers

1,390

ext. citations

3

avg, IF

4.88

L-index

#	Paper	IF	Citations
68	A Security-Aware Framework for Designing Industrial Engineering Processes. <i>IEEE Access</i> , 2021 , 9, 163065-163085	3.5	163085
67	Dropping malware through sound injection: A comparative analysis on Android operating systems. <i>Computers and Security</i> , 2021 , 105, 102228	4.9	0
66	Analysis and Classification of Mitigation Tools against Cyberattacks in COVID-19 Era. <i>Security and Communication Networks</i> , 2021 , 2021, 1-21	1.9	2
65	Automatic network restructuring and risk mitigation through business process asset dependency analysis. <i>Computers and Security</i> , 2020 , 96, 101869	4.9	6
64	Defending Airports from UAS: A Survey on Cyber-Attacks and Counter-Drone Sensing Technologies. <i>Sensors</i> , 2020 , 20,	3.8	43
63	Assessing Interdependencies and Congestion Delays in the Aviation Network. <i>IEEE Access</i> , 2020 , 8, 223234-223254	3.5	223254
62	Leaking supervisory controls and data acquisition commands over unpadded TCP/IP encryption through differential packet size analysis. <i>Security and Privacy</i> , 2020 , 3, e82	1.8	
61	Cyber-Attacks on the Oil & Gas Sector: A Survey on Incident Assessment and Attack Patterns. <i>IEEE Access</i> , 2020 , 8, 128440-128475	3.5	5
60	Using side channel TCP features for real-time detection of malware connections. <i>Journal of Computer Security</i> , 2019 , 27, 507-520	0.8	4
59	Smart Airport Cybersecurity: Threat Mitigation and Cyber Resilience Controls. <i>Sensors</i> , 2018 , 19,	3.8	14
58	Exiting the Risk Assessment Maze. <i>ACM Computing Surveys</i> , 2018 , 51, 1-30	13.4	20
57	A new methodology toward effectively assessing data center sustainability. <i>Computers and Security</i> , 2018 , 76, 327-340	4.9	6
56	A new strategy for improving cyber-attacks evaluation in the context of Tallinn Manual. <i>Computers and Security</i> , 2018 , 74, 371-383	4.9	12
55	Is Xenios Zeus Still Alive? Destination Image of Athens in the Years of Recession. <i>Journal of Travel Research</i> , 2018 , 57, 540-554	6.3	19
54	Implementing Cyber-Security Measures in Airports to Improve Cyber-Resilience 2018 ,		3
53	. <i>IEEE Access</i> , 2018 , 6, 63823-63832	3.5	6
52	Stress level detection via OSN usage pattern and chronicity analysis: An OSINT threat intelligence module. <i>Computers and Security</i> , 2017 , 69, 3-17	4.9	13

51	Program analysis with risk-based classification of dynamic invariants for logical error detection. <i>Computers and Security</i> , 2017 , 71, 36-50	4.9	
50	Exploring the protection of private browsing in desktop browsers. <i>Computers and Security</i> , 2017 , 67, 181-197	4.9	9
49	A process-based dependency risk analysis methodology for critical infrastructures. <i>International Journal of Critical Infrastructures</i> , 2017 , 13, 184	1	5
48	Interdependency analysis of junctions for congestion mitigation in Transportation Infrastructures. <i>Performance Evaluation Review</i> , 2017 , 45, 119-124	0.4	9
47	Smart Home Solutions: Privacy Issues 2017 , 67-81		4
46	An Intensive Analysis of Security and Privacy Browser Add-Ons. <i>Lecture Notes in Computer Science</i> , 2016 , 258-273	0.9	4
45	Cyberoperations and international humanitarian law. <i>Information and Computer Security</i> , 2016 , 24, 38-52	1.4	3
44	Time-based critical infrastructure dependency analysis for large-scale and cross-sectoral failures. <i>International Journal of Critical Infrastructure Protection</i> , 2016 , 12, 46-60	4.1	46
43	Risk mitigation strategies for critical infrastructures based on graph centrality analysis. <i>International Journal of Critical Infrastructure Protection</i> , 2015 , 10, 34-44	4.1	41
42	Security Busters: Web browser security vs. rogue sites. <i>Computers and Security</i> , 2015 , 52, 90-105	4.9	28
41	A game-theoretic analysis of preventing spam over Internet Telephony via audio CAPTCHA-based authentication. <i>Journal of Computer Security</i> , 2014 , 22, 383-413	0.8	7
40	Mobile Devices: A Phisher's Paradise 2014 ,		12
39	Smart Home Solutions: Privacy Issues 2014 , 1-14		4
38	Youtube User and Usage Profiling: Stories of Political Horror and Security Success. <i>Communications in Computer and Information Science</i> , 2014 , 270-289	0.3	0
37	Smartphone sensor data as digital evidence. <i>Computers and Security</i> , 2013 , 38, 51-75	4.9	42
36	Assessing n-order dependencies between critical infrastructures. <i>International Journal of Critical Infrastructures</i> , 2013 , 9, 93	1	54
35	The Big Four - What We Did Wrong in Advanced Persistent Threat Detection? 2013 ,		72
34	Delegate the smartphone user? Security awareness in smartphone platforms. <i>Computers and Security</i> , 2013 , 34, 47-66	4.9	151

33	Privacy Risk, Security, Accountability in the Cloud 2013 ,		18
32	S-Port: Collaborative security management of Port Information systems 2013 ,		6
31	A Practical Steganographic Approach for Matroska Based High Quality Video Files 2013 ,		1
30	Return on Security Investment for Cloud Platforms 2013 ,		5
29	Can We Trust This User? Predicting Insider's Attitude via YouTube Usage Profiling 2013 ,		12
28	Proactive insider threat detection through social media 2013 ,		18
27	The Insider Threat in Cloud Computing. <i>Lecture Notes in Computer Science</i> , 2013 , 93-103	0.9	28
26	Interdependencies between Critical Infrastructures: Analyzing the Risk of Cascading Effects. <i>Lecture Notes in Computer Science</i> , 2013 , 104-115	0.9	19
25	Cascading Effects of Common-Cause Failures in Critical Infrastructures. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 171-182	0.5	15
24	Risk Assessment of Multi-Order Dependencies between Critical Information and Communication Infrastructures 2013 , 153-172		2
23	Insiders Trapped in the Mirror Reveal Themselves in Social Media. <i>Lecture Notes in Computer Science</i> , 2013 , 220-235	0.9	8
22	A Qualitative Metrics Vector for the Awareness of Smartphone Security Users. <i>Lecture Notes in Computer Science</i> , 2013 , 173-184	0.9	17
21	Evaluating the Manageability of Web Browsers Controls. <i>Lecture Notes in Computer Science</i> , 2013 , 82-98	0.9	3
20	Formal analysis for robust anti-SPIT protection using model checking. <i>International Journal of Information Security</i> , 2012 , 11, 121-135	2.8	6
19	ASPF: Adaptive anti-SPIT Policy-based Framework 2011 ,		13
18	Exploitation of auctions for outsourcing security-critical projects 2011 ,		6
17	A Formally Verified Mechanism for Countering SPIT. <i>Lecture Notes in Computer Science</i> , 2011 , 128-139	0.9	7
16	BLAST: Off-the-Shelf Hardware for Building an Efficient Hash-Based Cluster Storage System 2009 ,		1

15	An Adaptive Policy-Based Approach to SPIT Management. <i>Lecture Notes in Computer Science</i> , 2008 , 446-460	6
14	A SIP-oriented SPIT Management Framework. <i>Computers and Security</i> , 2008 , 27, 136-153	4.9 20
13	Long-term verifiability of the electronic healthcare records' authenticity. <i>International Journal of Medical Informatics</i> , 2007 , 76, 442-8	5.3 25
12	A security architecture for interconnecting health information systems. <i>International Journal of Medical Informatics</i> , 2004 , 73, 305-9	5.3 56
11	Cumulative notarization for long-term preservation of digital signatures. <i>Computers and Security</i> , 2004 , 23, 413-424	4.9 17
10	Towards a framework for evaluating certificate status information mechanisms. <i>Computer Communications</i> , 2003 , 26, 1839-1850	5.1 25
9	Security policy development for Healthcare Information Systems. <i>Studies in Health Technology and Informatics</i> , 2003 , 96, 105-10	0.5
8	Guest editors' preface. <i>Journal of Computer Security</i> , 2002 , 10, 211-211	0.8
7	Principles and requirements for a secure e-voting system. <i>Computers and Security</i> , 2002 , 21, 539-556	4.9 76
6	Revisiting Legal and Regulatory Requirements for Secure E-Voting. <i>IFIP Advances in Information and Communication Technology</i> , 2002 , 469-480	0.5 25
5	Functional Requirements for a Secure Electronic Voting System. <i>IFIP Advances in Information and Communication Technology</i> , 2002 , 507-519	0.5 8
4	Evaluating certificate status information mechanisms 2000 ,	13
3	Trusted third party services for deploying secure telemedical applications over the WWW. <i>Computers and Security</i> , 1999 , 18, 627-639	4.9 7
2	Enhancing security and improving interoperability in healthcare information systems. <i>Medical Informatics = Medecine Et Informatique</i> , 1998 , 23, 309-23	14
1	Automatic analysis of attack graphs for risk mitigation and prioritization on large-scale and complex networks in Industry 4.0. <i>International Journal of Information Security</i> , 1	2.8 4