# Dimitris A Gritzalis

## List of Publications by Citations

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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.

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|---|---|---|---|
| 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 | Delegate the smartphone user? Security awareness in smartphone platforms. *Computers and Security*, **2013**, 34, 47-66 | 4.9 | 151 |
| 67 | Principles and requirements for a secure e-voting system. *Computers and Security*, **2002**, 21, 539-556 | 4.9 | 76 |
| 66 | The Big Four - What We Did Wrong in Advanced Persistent Threat Detection? **2013**, | | 72 |
| 65 | A security architecture for interconnecting health information systems. *International Journal of Medical Informatics*, **2004**, 73, 305-9 | 5.3 | 56 |
| 64 | Assessing n-order dependencies between critical infrastructures. *International Journal of Critical Infrastructures*, **2013**, 9, 93 | 1 | 54 |
| 63 | Time-based critical infrastructure dependency analysis for large-scale and cross-sectoral failures. *International Journal of Critical Infrastructure Protection*, **2016**, 12, 46-60 | 4.1 | 46 |
| 62 | Defending Airports from UAS: A Survey on Cyber-Attacks and Counter-Drone Sensing Technologies. *Sensors*, **2020**, 20, | 3.8 | 43 |
| 61 | Smartphone sensor data as digital evidence. *Computers and Security*, **2013**, 38, 51-75 | 4.9 | 42 |
| 60 | Risk mitigation strategies for critical infrastructures based on graph centrality analysis. *International Journal of Critical Infrastructure Protection*, **2015**, 10, 34-44 | 4.1 | 41 |
| 59 | Security Busters: Web browser security vs. rogue sites. *Computers and Security*, **2015**, 52, 90-105 | 4.9 | 28 |
| 58 | The Insider Threat in Cloud Computing. *Lecture Notes in Computer Science*, **2013**, 93-103 | 0.9 | 28 |
| 57 | Long-term verifiability of the electronic healthcare records' authenticity. *International Journal of Medical Informatics*, **2007**, 76, 442-8 | 5.3 | 25 |
| 56 | Towards a framework for evaluating certificate status information mechanisms. *Computer Communications*, **2003**, 26, 1839-1850 | 5.1 | 25 |
| 55 | Revisiting Legal and Regulatory Requirements for Secure E-Voting. *IFIP Advances in Information and Communication Technology*, **2002**, 469-480 | 0.5 | 25 |
| 54 | Exiting the Risk Assessment Maze. *ACM Computing Surveys*, **2018**, 51, 1-30 | 13.4 | 20 |
| 53 | A SIP-oriented SPIT Management Framework. *Computers and Security*, **2008**, 27, 136-153 | 4.9 | 20 |
| 52 | Is Xenios Zeus Still Alive? Destination Image of Athens in the Years of Recession. *Journal of Travel Research*, **2018**, 57, 540-554 | 6.3 | 19 |

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| 51 | Interdependencies between Critical Infrastructures: Analyzing the Risk of Cascading Effects. *Lecture Notes in Computer Science*, **2013**, 104-115 | 0.9 | 19 |
| 50 | Privacy Risk, Security, Accountability in the Cloud **2013**, | | 18 |
| 49 | Proactive insider threat detection through social media **2013**, | | 18 |
| 48 | Cumulative notarization for long-term preservation of digital signatures. *Computers and Security*, **2004**, 23, 413-424 | 4.9 | 17 |
| 47 | A Qualitative Metrics Vector for the Awareness of Smartphone Security Users. *Lecture Notes in Computer Science*, **2013**, 173-184 | 0.9 | 17 |
| 46 | Cascading Effects of Common-Cause Failures in Critical Infrastructures. *IFIP Advances in Information and Communication Technology*, **2013**, 171-182 | 0.5 | 15 |
| 45 | Smart Airport Cybersecurity: Threat Mitigation and Cyber Resilience Controls. *Sensors*, **2018**, 19, | 3.8 | 14 |
| 44 | Enhancing security and improving interoperability in healthcare information systems. *Medical Informatics = Medecine Et Informatique*, **1998**, 23, 309-23 | | 14 |
| 43 | Stress level detection via OSN usage pattern and chronicity analysis: An OSINT threat intelligence module. *Computers and Security*, **2017**, 69, 3-17 | 4.9 | 13 |
| 42 | ASPF: Adaptive anti-SPIT Policy-based Framework **2011**, | | 13 |
| 41 | Evaluating certificate status information mechanisms **2000**, | | 13 |
| 40 | A new strategy for improving cyber-attacks evaluation in the context of Tallinn Manual. *Computers and Security*, **2018**, 74, 371-383 | 4.9 | 12 |
| 39 | Can We Trust This User? Predicting Insider's Attitude via YouTube Usage Profiling **2013**, | | 12 |
| 38 | Mobile Devices: A Phisher Paradise **2014**, | | 12 |
| 37 | Exploring the protection of private browsing in desktop browsers. *Computers and Security*, **2017**, 67, 181-197 | 4.9 | 9 |
| 36 | Interdependency analysis of junctions for congestion mitigation in Transportation Infrastructures. *Performance Evaluation Review*, **2017**, 45, 119-124 | 0.4 | 9 |
| 35 | Insiders Trapped in the Mirror Reveal Themselves in Social Media. *Lecture Notes in Computer Science* , **2013**, 220-235 | 0.9 | 8 |
| 34 | Functional Requirements for a Secure Electronic Voting System. *IFIP Advances in Information and Communication Technology*, **2002**, 507-519 | 0.5 | 8 |

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| 33 | 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 | 7 |
| 32 | A Formally Verified Mechanism for Countering SPIT. *Lecture Notes in Computer Science*, **2011**, 128-139 | 0.9 | 7 |
| 31 | Trusted third party services for deploying secure telemedical applications over the WWW. *Computers and Security*, **1999**, 18, 627-639 | 4.9 | 7 |
| 30 | Automatic network restructuring and risk mitigation through business process asset dependency analysis. *Computers and Security*, **2020**, 96, 101869 | 4.9 | 6 |
| 29 | A new methodology toward effectively assessing data center sustainability. *Computers and Security* , **2018**, 76, 327-340 | 4.9 | 6 |
| 28 | S-Port: Collaborative security management of Port Information systems **2013**, | | 6 |
| 27 | Formal analysis for robust anti-SPIT protection using model checking. *International Journal of Information Security*, **2012**, 11, 121-135 | 2.8 | 6 |
| 26 | Exploitation of auctions for outsourcing security-critical projects **2011**, | | 6 |
| 25 | An Adaptive Policy-Based Approach to SPIT Management. *Lecture Notes in Computer Science*, **2008**, 446-460 | 0.9 | 6 |
| 24 | . *IEEE Access*, **2018**, 6, 63823-63832 | 3.5 | 6 |
| 23 | Return on Security Investment for Cloud Platforms **2013**, | | 5 |
| 22 | A process-based dependency risk analysis methodology for critical infrastructures. *International Journal of Critical Infrastructures*, **2017**, 13, 184 | 1 | 5 |
| 21 | Cyber-Attacks on the Oil & Gas Sector: A Survey on Incident Assessment and Attack Patterns. *IEEE Access*, **2020**, 8, 128440-128475 | 3.5 | 5 |
| 20 | An Intensive Analysis of Security and Privacy Browser Add-Ons. *Lecture Notes in Computer Science*, **2016**, 258-273 | 0.9 | 4 |
| 19 | Using side channel TCP features for real-time detection of malware connections. *Journal of Computer Security*, **2019**, 27, 507-520 | 0.8 | 4 |
| 18 | Smart Home Solutions: Privacy Issues **2017**, 67-81 | | 4 |
| 17 | Smart Home Solutions: Privacy Issues **2014**, 1-14 | | 4 |
| 16 | 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*,1 | 2.8 | 4 |

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| 15 | Cyberoperations and international humanitarian law. *Information and Computer Security*, **2016**, 24, 38-52 | 1.4 | 3 |
| 14 | Assessing Interdependencies and Congestion Delays in the Aviation Network. *IEEE Access*, **2020**, 8, 223234-223254 | 3.5 | 3 |
| 13 | Evaluating the Manageability of Web Browsers Controls. *Lecture Notes in Computer Science*, **2013**, 82-98 | 0.9 | 3 |
| 12 | Implementing Cyber-Security Measures in Airports to Improve Cyber-Resilience **2018**, | | 3 |
| 11 | Risk Assessment of Multi-Order Dependencies between Critical Information and Communication Infrastructures **2013**, 153-172 | | 2 |
| 10 | Analysis and Classification of Mitigation Tools against Cyberattacks in COVID-19 Era. *Security and Communication Networks*, **2021**, 2021, 1-21 | 1.9 | 2 |
| 9 | A Practical Steganographic Approach for Matroska Based High Quality Video Files **2013**, | | 1 |
| 8 | BLAST: Off-the-Shelf Hardware for Building an Efficient Hash-Based Cluster Storage System **2009**, | | 1 |
| 7 | A Security-Aware Framework for Designing Industrial Engineering Processes. *IEEE Access*, **2021**, 9, 163065-163085 | 3.5 | 0 |
| 6 | Youtube User and Usage Profiling: Stories of Political Horror and Security Success. *Communications in Computer and Information Science*, **2014**, 270-289 | 0.3 | 0 |
| 5 | Dropping malware through sound injection: A comparative analysis on Android operating systems. *Computers and Security*, **2021**, 105, 102228 | 4.9 | 0 |
| 4 | Program analysis with risk-based classification of dynamic invariants for logical error detection. *Computers and Security*, **2017**, 71, 36-50 | 4.9 | |
| 3 | Guest editors' preface. *Journal of Computer Security*, **2002**, 10, 211-211 | 0.8 | |
| 2 | Leaking supervisory controls and data acquisition commands over unpadded TCP/IP encryption through differential packet size analysis. *Security and Privacy*, **2020**, 3, e82 | 1.8 | |
| 1 | Security policy development for Healthcare Information Systems. *Studies in Health Technology and Informatics*, **2003**, 96, 105-10 | 0.5 | |