

Stelvio Cimato

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.

78
papers

845
citations

13
h-index

27
g-index

101
ext. papers

960
ext. citations

1.2
avg, IF

4.12
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 78 | Probabilistic Visual Cryptography Schemes. <i>Computer Journal</i> , 2006 , 49, 97-107 | 1.3 | 170 |
| 77 | Ideal contrast visual cryptography schemes with reversing. <i>Information Processing Letters</i> , 2005 , 93, 199-206 | 1.2 | 78 |
| 76 | Optimal Colored Threshold Visual Cryptography Schemes. <i>Designs, Codes, and Cryptography</i> , 2005 , 35, 311-335 | 1.2 | 73 |
| 75 | Colored visual cryptography without color darkening. <i>Theoretical Computer Science</i> , 2007 , 374, 261-276 | 1.1 | 64 |
| 74 | Visual cryptography schemes with optimal pixel expansion. <i>Theoretical Computer Science</i> , 2006 , 369, 169-182 | 1.1 | 48 |
| 73 | Secure Collaborative Supply-Chain Management. <i>Computer</i> , 2011 , 44, 38-43 | 1.6 | 32 |
| 72 | Privacy-Aware Biometrics: Design and Implementation of a Multimodal Verification System 2008 , | | 27 |
| 71 | 2013 , | | 23 |
| 70 | A Multi-biometric Verification System for the Privacy Protection of Iris Templates. <i>Advances in Soft Computing</i> , 2009 , 227-234 | | 23 |
| 69 | A simple role mining algorithm 2010 , | | 21 |
| 68 | Secure E-Coupons. <i>Electronic Commerce Research</i> , 2005 , 5, 117-139 | 2.1 | 18 |
| 67 | Security and searchability in secret sharing-based data outsourcing. <i>International Journal of Information Security</i> , 2015 , 14, 513-529 | 2.8 | 17 |
| 66 | AS5: A Secure Searchable Secret Sharing Scheme for Privacy Preserving Database Outsourcing. <i>Lecture Notes in Computer Science</i> , 2013 , 201-216 | 0.9 | 14 |
| 65 | Privacy-Preserving Query Processing by Multi-Party Computation. <i>Computer Journal</i> , 2015 , 58, 2195-2212 | 2.3 | 13 |
| 64 | Overcoming the obfuscation of Java programs by identifier renaming. <i>Journal of Systems and Software</i> , 2005 , 78, 60-72 | 3.3 | 12 |
| 63 | Data sharing on the cloud: A scalable proxy-based protocol for privacy-preserving queries 2015 , | | 11 |
| 62 | Toward Economic-Aware Risk Assessment on the Cloud. <i>IEEE Security and Privacy</i> , 2015 , 13, 30-37 | 2 | 11 |

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| 61 | Managing key hierarchies for access control enforcement: Heuristic approaches. <i>Computers and Security</i> , 2010 , 29, 533-547 | 4.9 | 11 |
| 60 | Constrained Role Mining. <i>Lecture Notes in Computer Science</i> , 2013 , 289-304 | 0.9 | 11 |
| 59 | A Comparative Analysis of Current Cryptocurrencies 2018 , | | 10 |
| 58 | SAWM 2002 , | | 9 |
| 57 | Efficient Key Management for Enforcing Access Control in Outsourced Scenarios. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 364-375 | 0.5 | 8 |
| 56 | Visual Cryptography Based Watermarking. <i>Lecture Notes in Computer Science</i> , 2014 , 91-109 | 0.9 | 8 |
| 55 | A unified model for unconditionally secure key distribution. <i>Journal of Computer Security</i> , 2006 , 14, 45-64.8 | 0.8 | 7 |
| 54 | A software infrastructure for authenticated Web metering. <i>Computer</i> , 2004 , 37, 28-33 | 1.6 | 7 |
| 53 | Engineering formal requirements: An analysis and testing method for Z documents. <i>Annals of Software Engineering</i> , 1997 , 3, 189-219 | | 6 |
| 52 | A Biometric Verification System Addressing Privacy Concerns 2007 , | | 6 |
| 51 | A Web Service Based Micro-payment System 2006 , | | 6 |
| 50 | Towards Blockchain-Based E-Voting Systems. <i>Lecture Notes in Business Information Processing</i> , 2019 , 274-286 | 0.6 | 6 |
| 49 | Designing Smart-Contract Based Auctions. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 54-64 | 0.4 | 6 |
| 48 | A lightweight protocol for the generation and distribution of secure e-coupons 2002 , | | 5 |
| 47 | A Formal Approach for the Analysis of the XRP Ledger Consensus Protocol 2020 , | | 5 |
| 46 | A Distributed and Privacy-Preserving Method for Network Intrusion Detection. <i>Lecture Notes in Computer Science</i> , 2010 , 861-875 | 0.9 | 5 |
| 45 | Efficient Implementation of a Proxy-based Protocol for Data Sharing on the Cloud 2017 , | | 4 |
| 44 | PRUCC-RM: Permission-Role-Usage Cardinality Constrained Role Mining 2017 , | | 4 |

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| 43 | Toward Cloud-Based Key Management for Outsourced Databases 2010 , | | 4 |
| 42 | Personal identification and verification using multimodal biometric data 2006 , | | 4 |
| 41 | A note on optimal metering schemes. <i>Information Processing Letters</i> , 2002 , 84, 319-326 | 0.8 | 4 |
| 40 | Managing Constraints in Role Based Access Control. <i>IEEE Access</i> , 2020 , 8, 140497-140511 | 3.5 | 4 |
| 39 | Are mHealth Apps Secure? A Case Study 2018 , | | 3 |
| 38 | PostProcessing in Constrained Role Mining. <i>Lecture Notes in Computer Science</i> , 2018 , 204-214 | 0.9 | 3 |
| 37 | An OBDD-Based Technique for the Efficient Synthesis of Garbled Circuits. <i>Lecture Notes in Computer Science</i> , 2019 , 158-167 | 0.9 | 3 |
| 36 | Paying with a Selfie: A Hybrid Micro-payment Framework Based on Visual Cryptography. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016 , 136-141 | 0.2 | 3 |
| 35 | Design of an Authentication Protocol for Gsm Javacards. <i>Lecture Notes in Computer Science</i> , 2002 , 355-368 | | 3 |
| 34 | Introduction to the special issue on deep learning for real-time information hiding and forensics. <i>Journal of Real-Time Image Processing</i> , 2020 , 17, 1-5 | 1.9 | 2 |
| 33 | Exploiting Quantum Gates in Secure Computation 2017 , | | 2 |
| 32 | Using incentive schemes to alleviate supply chain risks 2010 , | | 2 |
| 31 | Privacy in Biometrics 633-654 | | 2 |
| 30 | Certified email: design and implementation of a new optimistic protocol | | 2 |
| 29 | Towards the Monitoring and Evaluation of Trainees' Activities in Cyber Ranges. <i>Lecture Notes in Computer Science</i> , 2020 , 79-91 | 0.9 | 2 |
| 28 | Embedding a Digital Wallet to Pay-with-a-Selfie, from Functional Requirements to Prototype. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 47-56 | 0.2 | 2 |
| 27 | A Model Driven Approach for Cyber Security Scenarios Deployment. <i>Lecture Notes in Computer Science</i> , 2020 , 107-122 | 0.9 | 2 |
| 26 | Porting the Pay with a (Group) Selfie (PGS) Payment System to Crypto Currency. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 159-168 | 0.2 | 2 |

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| 25 | Role Mining Heuristics for Permission-Role-Usage Cardinality Constraints. <i>Computer Journal</i> , | 1.3 | 2 |
| 24 | Visual Cryptography Based Watermarking: Definition and Meaning. <i>Lecture Notes in Computer Science</i> , 2013 , 435-448 | 0.9 | 1 |
| 23 | A multiple valued logic approach for the synthesis of garbled circuits 2017 , | | 1 |
| 22 | Ensuring XML Integrity Using Watermarking Techniques 2012 , | | 1 |
| 21 | A Lightweight Protocol for Dynamic RFID Identification 2008 , | | 1 |
| 20 | A platform for secure E-gambling 2004 , | | 1 |
| 19 | Modeling A Certified Email Protocol using I/O Automata. <i>Electronic Notes in Theoretical Computer Science</i> , 2004 , 99, 339-359 | 0.7 | 1 |
| 18 | A Framework for Authenticated Web Services. <i>Lecture Notes in Computer Science</i> , 2004 , 61-71 | 0.9 | 1 |
| 17 | Possibilistic Assessment of Process-Related Disclosure Risks on the Cloud. <i>Studies in Computational Intelligence</i> , 2016 , 173-207 | 0.8 | 1 |
| 16 | A Scalable Multi-Party Protocol for Privacy-Preserving Equality Test. <i>Lecture Notes in Business Information Processing</i> , 2013 , 466-477 | 0.6 | 1 |
| 15 | Toward Secure Clustered Multi-Party Computation: A Privacy-Preserving Clustering Protocol. <i>Lecture Notes in Computer Science</i> , 2013 , 447-452 | 0.9 | 1 |
| 14 | Partial Key Exposure Attacks on RSA with Exponent Blinding. <i>Communications in Computer and Information Science</i> , 2016 , 364-385 | 0.3 | 1 |
| 13 | Towards a Trustworthy Semantic-Aware Marketplace for Interoperable Cloud Services. <i>Lecture Notes in Networks and Systems</i> , 2021 , 606-615 | 0.5 | 1 |
| 12 | Some Ideas on Privacy-Aware Data Analytics in the Internet-of-Everything. <i>Lecture Notes in Computer Science</i> , 2018 , 113-124 | 0.9 | 1 |
| 11 | Heuristics for constrained role mining in the post-processing framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1 | 3.7 | 0 |
| 10 | Design and Implementation of an Inline Certified E-mail Service. <i>Lecture Notes in Computer Science</i> , 2005 , 186-199 | 0.9 | 0 |
| 9 | A cryptographic cloud-based approach for the mitigation of the airline cargo cancellation problem. <i>Journal of Information Security and Applications</i> , 2020 , 51, 102462 | 3.5 | |
| 8 | Untangling the XRP Ledger: Insights and Analysis. <i>Communications in Computer and Information Science</i> , 2022 , 48-72 | 0.3 | |

- 7 Multiplicative Complexity of XOR Based Regular Functions. *IEEE Transactions on Computers*, **2022**, 1-1 2.5
- 6 Anonymous Group Communication in Mobile Networks. *Lecture Notes in Computer Science*, **2003**, 316-328.9
- 5 Authenticated Web Services: A WS-Security Based Implementation* **2007**, 541-553
- 4 Embedding a Digital Wallet to Pay-with-a-Selfie, Defining the System Architecture as Blockchain Based. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2019**, 109-124 0.2
- 3 Key Recovery in Public Clouds: A Survey on Cross-VM Side Channel Attacks. *Lecture Notes in Computer Science*, **2016**, 456-467 0.9
- 2 Secure Metering Schemes **2010**, 1-32
- 1 A Multi-Party Protocol for Privacy-Preserving Range Queries. *Lecture Notes in Computer Science*, **2014**, 108-120 0.9