# Stelvio Cimato

## List of Publications by Year in Descending Order

| 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 | Untangling the XRP Ledger: Insights and Analysis. *Communications in Computer and Information Science*, **2022**, 48-72 | 0.3 | |
| 77 | Multiplicative Complexity of XOR Based Regular Functions. *IEEE Transactions on Computers*, **2022**, 1-1 | 2.5 | |
| 76 | Towards a Trustworthy Semantic-Aware Marketplace for Interoperable Cloud Services. *Lecture Notes in Networks and Systems*, **2021**, 606-615 | 0.5 | 1 |
| 75 | A cryptographic cloud-based approach for the mitigation of the airline cargo cancellation problem. *Journal of Information Security and Applications*, **2020**, 51, 102462 | 3.5 | |
| 74 | Introduction to the special issue on deep learning for real-time information hiding and forensics. *Journal of Real-Time Image Processing*, **2020**, 17, 1-5 | 1.9 | 2 |
| 73 | Towards the Monitoring and Evaluation of Trainees Activities in Cyber Ranges. *Lecture Notes in Computer Science*, **2020**, 79-91 | 0.9 | 2 |
| 72 | A Formal Approach for the Analysis of the XRP Ledger Consensus Protocol **2020**, | | 5 |
| 71 | A Model Driven Approach for Cyber Security Scenarios Deployment. *Lecture Notes in Computer Science*, **2020**, 107-122 | 0.9 | 2 |
| 70 | Managing Constraints in Role Based Access Control. *IEEE Access*, **2020**, 8, 140497-140511 | 3.5 | 4 |
| 69 | Designing Smart-Contract Based Auctions. *Advances in Intelligent Systems and Computing*, **2020**, 54-64 | 0.4 | 6 |
| 68 | Embedding a Digital Wallet to Pay-with-a-Selfie, from Functional Requirements to Prototype. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2019**, 47-56 | 0.2 | 2 |
| 67 | 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 | |
| 66 | An OBDD-Based Technique for the Efficient Synthesis of Garbled Circuits. *Lecture Notes in Computer Science*, **2019**, 158-167 | 0.9 | 3 |
| 65 | Towards Blockchain-Based E-Voting Systems. *Lecture Notes in Business Information Processing*, **2019**, 274-286 | 0.6 | 6 |
| 64 | Are mHealth Apps Secure? A Case Study **2018**, | | 3 |
| 63 | A Comparative Analysis of Current Cryptocurrencies **2018**, | | 10 |
| 62 | PostProcessing in Constrained Role Mining. *Lecture Notes in Computer Science*, **2018**, 204-214 | 0.9 | 3 |

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|---|---|---|---|
| 61 | Porting the Pay with a (Group) Selfie (PGS) Payment System to Crypto Currency. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2018**, 159-168 | 0.2 | 2 |
| 60 | Some Ideas on Privacy-Aware Data Analytics in the Internet-of-Everything. *Lecture Notes in Computer Science*, **2018**, 113-124 | 0.9 | 1 |
| 59 | Efficient Implementation of a Proxy-based Protocol for Data Sharing on the Cloud **2017**, | | 4 |
| 58 | Exploiting Quantum Gates in Secure Computation **2017**, | | 2 |
| 57 | A multiple valued logic approach for the synthesis of garbled circuits **2017**, | | 1 |
| 56 | PRUCC-RM: Permission-Role-Usage Cardinality Constrained Role Mining **2017**, | | 4 |
| 55 | Possibilistic Assessment of Process-Related Disclosure Risks on the Cloud. *Studies in Computational Intelligence*, **2016**, 173-207 | 0.8 | 1 |
| 54 | Paying with a Selfie: A Hybrid Micro-payment Framework Based on Visual Cryptography. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2016**, 136-141 | 0.2 | 3 |
| 53 | Key Recovery in Public Clouds: A Survey on Cross-VM Side Channel Attacks. *Lecture Notes in Computer Science*, **2016**, 456-467 | 0.9 | |
| 52 | Partial Key Exposure Attacks on RSA with Exponent Blinding. *Communications in Computer and Information Science*, **2016**, 364-385 | 0.3 | 1 |
| 51 | Security and searchability in secret sharing-based data outsourcing. *International Journal of Information Security*, **2015**, 14, 513-529 | 2.8 | 17 |
| 50 | Privacy-Preserving Query Processing by Multi-Party Computation. *Computer Journal*, **2015**, 58, 2195-2212 | 1.3 | 13 |
| 49 | Data sharing on the cloud: A scalable proxy-based protocol for privacy-preserving queries **2015**, | | 11 |
| 48 | Toward Economic-Aware Risk Assessment on the Cloud. *IEEE Security and Privacy*, **2015**, 13, 30-37 | 2 | 11 |
| 47 | Visual Cryptography Based Watermarking. *Lecture Notes in Computer Science*, **2014**, 91-109 | 0.9 | 8 |
| 46 | A Multi-Party Protocol for Privacy-Preserving Range Queries. *Lecture Notes in Computer Science*, **2014**, 108-120 | 0.9 | |
| 45 | Visual Cryptography Based Watermarking: Definition and Meaning. *Lecture Notes in Computer Science*, **2013**, 435-448 | 0.9 | 1 |
| 44 | **2013**, | | 23 |

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|---|---|---|---|
| 25 | Authenticated Web Services: A WS-Security Based Implementation* **2007**, 541-553 | | |
| 24 | Probabilistic Visual Cryptography Schemes. *Computer Journal*, **2006**, 49, 97-107 | 1.3 | 170 |
| 23 | A Web Service Based Micro-payment System **2006**, | | 6 |
| 22 | Personal identification and verification using multimodal biometric data **2006**, | | 4 |
| 21 | A unified model for unconditionally secure key distribution. *Journal of Computer Security*, **2006**, 14, 45-64 | 0.8 | 7 |
| 20 | Visual cryptography schemes with optimal pixel expansion. *Theoretical Computer Science*, **2006**, 369, 169-182 | 1.1 | 48 |
| 19 | Overcoming the obfuscation of Java programs by identifier renaming. *Journal of Systems and Software*, **2005**, 78, 60-72 | 3.3 | 12 |
| 18 | Secure E-Coupons. *Electronic Commerce Research*, **2005**, 5, 117-139 | 2.1 | 18 |
| 17 | Ideal contrast visual cryptography schemes with reversing. *Information Processing Letters*, **2005**, 93, 199-206 | 0.6 | 78 |
| 16 | Optimal Colored Threshold Visual Cryptography Schemes. *Designs, Codes, and Cryptography*, **2005**, 35, 311-335 | 1.2 | 73 |
| 15 | Design and Implementation of an Inline Certified E-mail Service. *Lecture Notes in Computer Science*, **2005**, 186-199 | 0.9 | 0 |
| 14 | A platform for secure E-gambling **2004**, | | 1 |
| 13 | A software infrastructure for authenticated Web metering. *Computer*, **2004**, 37, 28-33 | 1.6 | 7 |
| 12 | Modeling A Certified Email Protocol using I/O Automata. *Electronic Notes in Theoretical Computer Science*, **2004**, 99, 339-359 | 0.7 | 1 |
| 11 | A Framework for Authenticated Web Services. *Lecture Notes in Computer Science*, **2004**, 61-71 | 0.9 | 1 |
| 10 | Anonymous Group Communication in Mobile Networks. *Lecture Notes in Computer Science*, **2003**, 316-328 | 0.9 | |
| 9 | A note on optimal metering schemes. *Information Processing Letters*, **2002**, 84, 319-326 | 0.8 | 4 |
| 8 | A lightweight protocol for the generation and distribution of secure e-coupons **2002**, | | 5 |

7    SAWM **2002**,                                                                                                    9

6    Design of an Authentication Protocol for Gsm Javacards. *Lecture Notes in Computer Science*, **2002**, 355-368   3

5    Engineering formal requirements: An analysis and testing method for Z documents. *Annals of Software Engineering*, **1997**, 3, 189-219   6

4    Privacy in Biometrics633-654                                                                                     2

3    Certified email: design and implementation of a new optimistic protocol                                          2

2    Heuristics for constrained role mining in the post-processing framework. *Journal of Ambient Intelligence and Humanized Computing*,1   3.7   0

1    Role Mining Heuristics for Permission-Role-Usage Cardinality Constraints. *Computer Journal*,                    1.3   2