

Stelvio Cimato

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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	Untangling the XRP Ledger: Insights and Analysis. <i>Communications in Computer and Information Science</i> , 2022 , 48-72	0.3	
77	Multiplicative Complexity of XOR Based Regular Functions. <i>IEEE Transactions on Computers</i> , 2022 , 1-1	2.5	
76	Towards a Trustworthy Semantic-Aware Marketplace for Interoperable Cloud Services. <i>Lecture Notes in Networks and Systems</i> , 2021 , 606-615	0.5	1
75	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	
74	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
73	Towards the Monitoring and Evaluation of Trainees Activities in Cyber Ranges. <i>Lecture Notes in Computer Science</i> , 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. <i>Lecture Notes in Computer Science</i> , 2020 , 107-122	0.9	2
70	Managing Constraints in Role Based Access Control. <i>IEEE Access</i> , 2020 , 8, 140497-140511	3.5	4
69	Designing Smart-Contract Based Auctions. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 54-64	0.4	6
68	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
67	Embedding a Digital Wallet to Pay-with-a-Selfie, Defining the System Architecture as Blockchain Based. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 109-124	0.2	
66	An OBDD-Based Technique for the Efficient Synthesis of Garbled Circuits. <i>Lecture Notes in Computer Science</i> , 2019 , 158-167	0.9	3
65	Towards Blockchain-Based E-Voting Systems. <i>Lecture Notes in Business Information Processing</i> , 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. <i>Lecture Notes in Computer Science</i> , 2018 , 204-214	0.9	3

61	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
60	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
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. <i>Studies in Computational Intelligence</i> , 2016 , 173-207	0.8	1
54	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
53	Key Recovery in Public Clouds: A Survey on Cross-VM Side Channel Attacks. <i>Lecture Notes in Computer Science</i> , 2016 , 456-467	0.9	
52	Partial Key Exposure Attacks on RSA with Exponent Blinding. <i>Communications in Computer and Information Science</i> , 2016 , 364-385	0.3	1
51	Security and searchability in secret sharing-based data outsourcing. <i>International Journal of Information Security</i> , 2015 , 14, 513-529	2.8	17
50	Privacy-Preserving Query Processing by Multi-Party Computation. <i>Computer Journal</i> , 2015 , 58, 2195-2212	2.3	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. <i>IEEE Security and Privacy</i> , 2015 , 13, 30-37	2	11
47	Visual Cryptography Based Watermarking. <i>Lecture Notes in Computer Science</i> , 2014 , 91-109	0.9	8
46	A Multi-Party Protocol for Privacy-Preserving Range Queries. <i>Lecture Notes in Computer Science</i> , 2014 , 108-120	0.9	
45	Visual Cryptography Based Watermarking: Definition and Meaning. <i>Lecture Notes in Computer Science</i> , 2013 , 435-448	0.9	1
44	2013 ,		23

43	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
42	Constrained Role Mining. <i>Lecture Notes in Computer Science</i> , 2013 , 289-304	0.9	11
41	A Scalable Multi-Party Protocol for Privacy-Preserving Equality Test. <i>Lecture Notes in Business Information Processing</i> , 2013 , 466-477	0.6	1
40	Toward Secure Clustered Multi-Party Computation: A Privacy-Preserving Clustering Protocol. <i>Lecture Notes in Computer Science</i> , 2013 , 447-452	0.9	1
39	Ensuring XML Integrity Using Watermarking Techniques 2012 ,		1
38	Secure Collaborative Supply-Chain Management. <i>Computer</i> , 2011 , 44, 38-43	1.6	32
37	A simple role mining algorithm 2010 ,		21
36	Using incentive schemes to alleviate supply chain risks 2010 ,		2
35	Toward Cloud-Based Key Management for Outsourced Databases 2010 ,		4
34	Managing key hierarchies for access control enforcement: Heuristic approaches. <i>Computers and Security</i> , 2010 , 29, 533-547	4.9	11
33	A Distributed and Privacy-Preserving Method for Network Intrusion Detection. <i>Lecture Notes in Computer Science</i> , 2010 , 861-875	0.9	5
32	Secure Metering Schemes 2010 , 1-32		
31	A Multi-biometric Verification System for the Privacy Protection of Iris Templates. <i>Advances in Soft Computing</i> , 2009 , 227-234		23
30	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
29	Privacy-Aware Biometrics: Design and Implementation of a Multimodal Verification System 2008 ,		27
28	A Lightweight Protocol for Dynamic RFID Identification 2008 ,		1
27	Colored visual cryptography without color darkening. <i>Theoretical Computer Science</i> , 2007 , 374, 261-276	1.1	64
26	A Biometric Verification System Addressing Privacy Concerns 2007 ,		6

25	Authenticated Web Services: A WS-Security Based Implementation* 2007 , 541-553		
24	Probabilistic Visual Cryptography Schemes. <i>Computer Journal</i> , 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. <i>Journal of Computer Security</i> , 2006 , 14, 45-64.8		7
20	Visual cryptography schemes with optimal pixel expansion. <i>Theoretical Computer Science</i> , 2006 , 369, 169-182	1.1	48
19	Overcoming the obfuscation of Java programs by identifier renaming. <i>Journal of Systems and Software</i> , 2005 , 78, 60-72	3.3	12
18	Secure E-Coupons. <i>Electronic Commerce Research</i> , 2005 , 5, 117-139	2.1	18
17	Ideal contrast visual cryptography schemes with reversing. <i>Information Processing Letters</i> , 2005 , 93, 199-206		78
16	Optimal Colored Threshold Visual Cryptography Schemes. <i>Designs, Codes, and Cryptography</i> , 2005 , 35, 311-335	1.2	73
15	Design and Implementation of an Inline Certified E-mail Service. <i>Lecture Notes in Computer Science</i> , 2005 , 186-199	0.9	0
14	A platform for secure E-gambling 2004 ,		1
13	A software infrastructure for authenticated Web metering. <i>Computer</i> , 2004 , 37, 28-33	1.6	7
12	Modeling A Certified Email Protocol using I/O Automata. <i>Electronic Notes in Theoretical Computer Science</i> , 2004 , 99, 339-359	0.7	1
11	A Framework for Authenticated Web Services. <i>Lecture Notes in Computer Science</i> , 2004 , 61-71	0.9	1
10	Anonymous Group Communication in Mobile Networks. <i>Lecture Notes in Computer Science</i> , 2003 , 316-328.9		
9	A note on optimal metering schemes. <i>Information Processing Letters</i> , 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. <i>Lecture Notes in Computer Science</i> , 2002, 355-368	3
5	Engineering formal requirements: An analysis and testing method for Z documents. <i>Annals of Software Engineering</i> , 1997, 3, 189-219	6
4	Privacy in Biometrics 633-654	2
3	Certified email: design and implementation of a new optimistic protocol	2
2	Heuristics for constrained role mining in the post-processing framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3-7 0
1	Role Mining Heuristics for Permission-Role-Usage Cardinality Constraints. <i>Computer Journal</i> ,	1-3 2