Claudio A. Ardagna

List of Publications by Year
in descending order

112 papers	1,625 citations	471509 17 h-index	414414 32 g-index
119 all docs	119 docs citations	119 times ranked	1159 citing authors

#	Article	IF	Citations
1	An Obfuscation-Based Approach for Protecting Location Privacy. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 13-27.	5.4	193
2	From Security to Assurance in the Cloud. ACM Computing Surveys, 2015, 48, 1-50.	23.0	115
3	Supporting location-based conditions in access control policies. , 2006, , .		109
4	A privacy-aware access control system. Journal of Computer Security, 2008, 16, 369-397.	0.8	78
5	XML-based access control languages. Information Security Technical Report, 2004, 9, 35-46.	1.3	60
6	Access control for smarter healthcare using policy spaces. Computers and Security, 2010, 29, 848-858.	6.0	50
7	Map-Based Location and Tracking in Multipath Outdoor Mobile Networks. IEEE Transactions on Wireless Communications, 2011, 10, 814-824.	9.2	47
8	Big data analytics as-a-service: Issues and challenges. , 2016, , .		46
9	Exploiting cryptography for privacy-enhanced access control: A result of the PRIME Project. Journal of Computer Security, 2010, 18, 123-160.	0.8	38
10	Model-Based Big Data Analytics-as-a-Service: Take Big Data to the Next Level. IEEE Transactions on Services Computing, 2021, 14, 516-529.	4.6	35
11	A test-based security certification scheme for web services. ACM Transactions on the Web, 2013, 7, 1-41.	2.5	34
12	An Anonymous End-to-End Communication Protocol for Mobile Cloud Environments. IEEE Transactions on Services Computing, 2014, 7, 373-386.	4.6	33
13	Open Source Systems Security Certification. , 2009, , .		32
14	Expressive and Deployable Access Control in Open Web Service Applications. IEEE Transactions on Services Computing, 2011, 4, 96-109.	4.6	30
15	A Semi-Automatic and Trustworthy Scheme for Continuous Cloud Service Certification. IEEE Transactions on Services Computing, 2020, 13, 30-43.	4.6	30
16	An XACML-based privacy-centered access control system. , 2009, , .		29
17	A Web Service Architecture for Enforcing Access Control Policies. Electronic Notes in Theoretical Computer Science, 2006, 142, 47-62.	0.9	28
18	Landscape-aware location-privacy protection in location-based services. Journal of Systems Architecture, 2009, 55, 243-254.	4.3	25

#	Article	IF	Citations
19	Test-Based Security Certification of Composite Services. ACM Transactions on the Web, 2019, 13, 1-43.	2.5	25
20	Access Control in Location-Based Services. Lecture Notes in Computer Science, 2009, , 106-126.	1.3	23
21	Security Certification of Composite Services: A Test-Based Approach. , 2013, , .		20
22	E-Auctions for Multi-Cloud Service Provisioning. , 2014, , .		20
23	Toward Security and Performance Certification of Open Stack. , 2015, , .		20
24	Protecting Privacy of User Information in Continuous Location-Based Services. , 2012, , .		19
25	A Certification-Based Trust Model for Autonomic Cloud Computing Systems. , 2014, , .		19
26	Enabling Privacy-preserving Credential-based Access Control with XACML and SAML. , 2010, , .		18
27	Fine-Grained Modeling of Web Services for Test-Based Security Certification. , 2011, , .		18
28	A Low-Cost Security Certification Scheme for Evolving Services. , 2012, , .		18
29	Scalability Patterns for Platform-as-a-Service. , 2012, , .		18
30	Towards Privacy-Enhanced Authorization Policies and Languages. Lecture Notes in Computer Science, 2005, , 16-27.	1.3	18
31	Enhancing User Privacy Through Data Handling Policies. Lecture Notes in Computer Science, 2006, , 224-236.	1.3	15
32	XML Security. , 2007, , 71-86.		15
33	Regulating Exceptions in Healthcare Using Policy Spaces. Lecture Notes in Computer Science, 2008, , 254-267.	1.3	15
34	Providing Users' Anonymity in Mobile Hybrid Networks. ACM Transactions on Internet Technology, 2013, 12, 1-33.	4.4	14
35	Certification-Based Cloud Adaptation. IEEE Transactions on Services Computing, 2018, , 1-1.	4.6	12
36	From Trustworthy Data to Trustworthy IoT. ACM Transactions on Cyber-Physical Systems, 2021, 5, 1-26.	2.5	12

#	Article	IF	Citations
37	Privacy Preservation over Untrusted Mobile Networks. Lecture Notes in Computer Science, 2009, , 84-105.	1.3	12
38	Advanced Localization of Mobile Terminal in Cellular Network. International Journal of Communications, Network and System Sciences, 2008, 01, 95-103.	0.6	12
39	Security certification-aware service discovery and selection. , 2012, , .		11
40	Minimizing Disclosure of Private Information in Credential-based Interactions: A Graph-based Approach. , 2010, , .		10
41	Landmark-assisted location and tracking in outdoor mobile network. Multimedia Tools and Applications, 2012, 59, 89-111.	3.9	10
42	A Test-Based Incremental Security Certification Scheme for Cloud-Based Systems. , 2015, , .		10
43	Dependability certification of services: a model-based approach. Computing (Vienna/New York), 2015, 97, 51-78.	4.8	10
44	A Middleware Architecture for Integrating Privacy Preferences and Location Accuracy. International Federation for Information Processing, 2007, , 313-324.	0.4	9
45	Managing Privacy in LBAC Systems. , 2007, , .		8
46	A Case for IoT Security Assurance. Internet of Things, 2018, , 175-192.	1.7	8
47	Privacy on the Internet. , 2013, , 739-753.		7
48	Cost-effective deployment of certified cloud composite services. Journal of Parallel and Distributed Computing, 2020, 135, 203-218.	4.1	7
49	FOCSE: An OWA-based Evaluation Framework for OS Adoption in Critical Environments. , 2007, , 3-16.		7
50	Supporting privacy preferences in credential-based interactions. , 2010, , .		7
51	Providing Mobile Usersâ€™ Anonymity in Hybrid Networks. Lecture Notes in Computer Science, 2010, , 540-557.	1.3	7
52	A model-based approach to reliability certification of services. , 2012, , .		6
53	Web Service Assurance: The Notion and the Issues. Future Internet, 2012, 4, 92-109.	3.8	6
54	On the Management of Cloud Non-Functional Properties: The Cloud Transparency Toolkit. , 2014, , .		6

#	Article	IF	Citations
55	Trustworthy IoT: An Evidence Collection Approach Based on Smart Contracts. , 2019, , .		6
56	Network and Storage Latency Attacks to Online Trading Protocols in the Cloud. Lecture Notes in Computer Science, 2014, , 192-201.	1.3	6
57	ASSERT4SOA: Toward Security Certification of Service-Oriented Applications. Lecture Notes in Computer Science, 2010, , 38-40.	1.3	6
58	A Continuous Certification Methodology for DevOps. , 2019, , .		6
59	Certified Machine-Learning Models. Lecture Notes in Computer Science, 2020, , 3-15.	1.3	6
60	Anonymous end-to-end communications in adversarial mobile clouds. Pervasive and Mobile Computing, 2017, 36, 57-67.	3.3	5
61	A trust assurance technique for Internet of things based on human behavior compliance. Concurrency Computation Practice and Experience, 2021, 33, e5355.	2.2	5
62	Secure Authentication Process for High Sensitive Data E-Services. Journal of Cases on Information Technology, 2007, 9, 20-35.	0.7	5
63	CAS++: An Open Source Single Sign-On Solution for Secure e-Services. International Federation for Information Processing, 2006, , 208-220.	0.4	5
64	An Assurance-Based Risk Management Framework for Distributed Systems. , 2021, , .		5
65	An assurance model for OSS adoption in next-generation telco environments. , 2009, , .		4
66	Early Assessment of Service Performance Based on Simulation. , 2013, , .		4
67	A Competitive Scalability Approach for Cloud Architectures. , 2014, , .		4
68	Fine-Grained Disclosure of Access Policies. Lecture Notes in Computer Science, 2010, , 16-30.	1.3	4
69	Adopting Open Source for Mission-Critical Applications: A Case Study on Single Sign-On. International Federation for Information Processing, 2006, , 209-220.	0.4	4
70	A Methodology for Non-Functional Property Evaluation of Machine Learning Models. , 2020, , .		4
71	Preserving Smartphone Users' Anonymity in Cloudy Days. , 2013, , .		3
72	The Architecture of a Privacy-Aware Access Control Decision Component. Lecture Notes in Computer Science, 2006, , 1-15.	1.3	3

#	Article	IF	Citations
73	Towards Pattern-Based Reliability Certification of Services. Lecture Notes in Computer Science, 2011, , 560-576.	1.3	3
74	Defining and Matching Test-Based Certificates in Open SOA. , 2011, , .		2
75	Personal Privacy in Mobile Networks. , 2011, , 201-214.		2
76	A Configuration-Independent Score-Based Benchmark for Distributed Databases. IEEE Transactions on Services Computing, 2016, 9, 123-137.	4.6	2
77	Big Data Assurance Evaluation: An SLA-Based Approach. , 2018, , .		2
78	A Fast and Incremental Development Life Cycle for Data Analytics as a Service. , 2018, , .		2
79	A Methodology for Cross-Platform, Event-Driven Big Data Analytics-as-a-Service. , 2019, , .		2
80	Machine-Readable Privacy Certificates for Services. Lecture Notes in Computer Science, 2013, , 434-450.	1.3	2
81	Spago4Q and the QEST nD Model: An Open Source Solution for Software Performance Measurement. International Federation for Information Processing, 2010, , 1-14.	0.4	2
82	Semantic Support for Model Based Big Data Analytics-as-a-Service (MBDAaaS). Advances in Intelligent Systems and Computing, 2019, , 1012-1021.	0.6	2
83	An Assurance Framework and Process for Hybrid Systems. Communications in Computer and Information Science, 2021, , 79-101.	0.5	2
84	Requirements and Challenges for Secure and Trustworthy UAS Collaboration. , 2020, , .		2
85	Mobile network traffic data compression by means of wavelet decomposition. , 2008, , .		1
86	Assurance Process for Large Open Source Code Bases. , 2009, , .		1
87	Zero-Knowledge Evaluation of Service Performance Based on Simulation. , 2014, , .		1
88	Moon Cloud: A Cloud Platform for ICT Security Governance. , 2018, , .		1
89	NET Privacy. , 2009, , 467-485.		1
90	Privacy- Enhanced Identity Management for E-Services. , 2007, , 162-179.		1

#	Article	IF	Citations
91	Mapping Linux Security Targets to Existing Test Suites. International Federation for Information Processing, 2008, , 29-45.	0.4	1
92	Assurance Evaluation for OSS Adoption in a Telco Context. IFIP Advances in Information and Communication Technology, 2009, , 363-363.	0.7	1
93	Container-Level Security Certification of Services. Lecture Notes in Computer Science, 2012, , 93-108.	1.3	1
94	An Architectural Style for Trustworthy Adaptive Service Based Applications. Lecture Notes in Computer Science, 2012, , 109-121.	1.3	1
95	Trustworthy Cloud Certification: A Model-Based Approach. Lecture Notes in Business Information Processing, 2015, , 107-122.	1.0	1
96	Anomalies Detection in Mobile Network Management Data. , 2007, , 943-948.		1
97	Security Certification Scheme for Content-centric Networks. , 2021, , .		1
98	L-VCONF: A Location-Aware Infrastructure for Battlefield Videoconferences. , 2007, , .		0
99	Foreword from the program chairs. , 2011, , .		0
100	Message from IWSAC Workshop Chairs. , 2014, , .		0
101	4th IEEE 2014 Services Workshop on Security and Privacy Engineering - Message from the SPE 2014 Workshop Chairs. , 2014, , .		0
102	A hybrid representation model for service contracts. , 2015, , .		0
103	A Knowledge-Based IoT Security Checker. Lecture Notes in Computer Science, 2019, , 299-311.	1.3	0
104	Location Information (Privacy of). , 2021, , 1-5.		0
105	Open Source in Web-Based Applications. International Journal of Information Technology and Web Engineering, 2006, 1, 81-94.	1.6	0
106	Privacy in the Electronic Society: Emerging Problems and Solutions. Statistical Science and Interdisciplinary Research, 2008, , 225-261.	0.0	0
107	Open Source in Web-Based Applications. , 2009, , 83-97.		0
108	Implementing Open Source Software Governance in Real Software Assurance Processes. Lecture Notes in Business Information Processing, 2010, , 103-114.	1.0	0

#	Article	IF	Citations
109	Location Information (Privacy of). , 2011, , 729-732.		0
110	Privacy-Aware Languages. , 2011, , 971-972.		0
111	Business System Management and Engineering. Lecture Notes in Computer Science, 2012, , .	1.3	0
112	A Certification-Aware Service-Oriented Architecture. , 2014, , 147-170.		0