Elisa Bertino

List of Publications by Year
in descending order

316 papers	8,588 citations	50170 46 h-index	71532 76 g-index
318 all docs	318 docs citations	318 times ranked	5980 citing authors

#	ARTICLE	IF	CITATIONS
1	A Trust-Based Experience-Aware Framework for Integrating Fuzzy Recommendations. IEEE Transactions on Services Computing, 2022, 15, 698-709.	3.2	4
2	AQA: An Adaptive Quality Assessment Framework for Online Review Systems. IEEE Transactions on Services Computing, 2022, 15, 1486-1497.	3.2	2
3	Orchestration or Automation: Authentication Flaw Detection in Android Apps. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2165-2178.	3.7	2
4	Secure and Lightweight Authentication for Mobile-Edge Computing-Enabled WBANs. IEEE Internet of Things Journal, 2022, 9, 12563-12572.	5.5	4
5	Editorial: Special Issue on Data Transparencyâ€"Data Quality, Annotation, and Provenance. Journal of Data and Information Quality, 2022, 14, 1-3.	1.5	0
6	SPrivAD: A secure and privacy-preserving mutually dependent authentication and data access scheme for smart communities. Computers and Security, 2022, 115, 102610.	4.0	8
7	Editorial: Special Issue on Data Transparencyâ€"Uses Cases and Applications. Journal of Data and Information Quality, 2022, 14, 1-3.	1.5	1
8	Guest Editor's Introduction: Special Section on Edge AI as a Service. IEEE Transactions on Services Computing, 2022, 15, 588-590.	3.2	2
9	The Persistent Problem of Software Insecurity. IEEE Security and Privacy, 2022, 20, 107-108.	1.5	0
10	ProFact: A Provenance-Based Analytics Framework for Access Control Policies. IEEE Transactions on Services Computing, 2021, 14, 1914-1928.	3.2	11
11	Privacy Preserving Location-Aware Personalized Web Service Recommendations. IEEE Transactions on Services Computing, 2021, 14, 791-804.	3.2	38
12	Robust and Universal Seamless Handover Authentication in 5G HetNets. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 858-874.	3.7	71
13	Attacks on Artificial Intelligence [Last Word]. IEEE Security and Privacy, 2021, 19, 103-104.	1.5	7
14	Security with Privacy. , 2021, , 1-10.		0
15	An excellent venue for multidisciplinary research in civil and infrastructure engineering. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 677-677.	6.3	0
16	SCiMet: Stable, sCalable and reliable Metric-based framework for quality assessment in collaborative content generation systems. Journal of Informetrics, 2021, 15, 101127.	1.4	2
17	Zero Trust Architecture: Does It Help?. IEEE Security and Privacy, 2021, 19, 95-96.	1.5	14
18	Services for Zero Trust Architectures - A Research Roadmap. , 2021, , .		5

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19	CryptoCliqIn: Graph-theoretic Cryptography using Clique Injection. IEEE Intelligent Systems, 2021, , 1-1.	4.0	1
20	Privacy-Preserving User Profile Matching in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1572-1585.	4.0	17
21	A Secure Shuffling Mechanism for White-Box Attack-Resistant Unmanned Vehicles. IEEE Transactions on Mobile Computing, 2020, 19, 1023-1039.	3.9	6
22	Effectiveness of Model-Based Defenses for Digitally Controlled Industrial Systems: Nuclear Reactor Case Study. Nuclear Technology, 2020, 206, 82-93.	0.7	11
23	An Anomaly Detection System for the Protection of Relational Database Systems against Data Leakage by Application Programs. , 2020, , .		7
24	Security of cellular networks position paper. CCF Transactions on Networking, 2020, 3, 93-96.	1.0	1
25	Analysis of Encryption Key Generation in Modern Crypto Ransomware. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	3.7	2
26	FastLAS: Scalable Inductive Logic Programming Incorporating Domain-Specific Optimisation Criteria. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2877-2885.	3.6	16
27	Impact and Key Challenges of Insider Threats on Organizations and Critical Businesses. Electronics (Switzerland), 2020, 9, 1460.	1.8	30
28	On Security Policy Migrations. , 2020, , .		1
29	Real-time Digital Signatures for Named Data Networking. , 2020, , .		2
30	Privacy in the Era of 5G, IoT, Big Data and Machine Learning. , 2020, , .		2
31	Overcoming the Lack of Labeled Data: Training Intrusion Detection Models Using Transfer Learning. , 2019, , .		24
32	Data Transparency with Blockchain and AI Ethics. Journal of Data and Information Quality, 2019, 11, 1-8.	1.5	59
33	It Takes a Village to Secure Cellular Networks. IEEE Security and Privacy, 2019, 17, 96-95.	1.5	1
34	On the Impact of Generative Policies on Security Metrics. , 2019, , .		1
35	Generative Policy Framework for AI Training Data Curation. , 2019, , .		1
36	Privacy Techniques for Edge Computing Systems. Proceedings of the IEEE, 2019, 107, 1632-1654.	16.4	25

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37	Pruning deep convolutional neural networks for efficient edge computing in condition assessment of infrastructures. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 774-789.	6.3	73
38	Guest Editorial Special Issue on Security and Privacy Protection for Big Data and IoT. IEEE Internet of Things Journal, 2019, 6, 1446-1449.	5.5	6
39	How Deep Learning Is Making Information Security More Intelligent. IEEE Security and Privacy, 2019, 17, 56-65.	1.5	26
40	Hybrid Private Record Linkage. ACM Transactions on Privacy and Security, 2019, 22, 1-36.	2.2	12
41	Redefining Data Transparency: A Multidimensional Approach. Computer, 2019, 52, 16-26.	1.2	20
42	A-PANDDE: Advanced Provenance-based ANomaly Detection of Data Exfiltration. Computers and Security, 2019, 84, 276-287.	4.0	11
43	Methods and Tools for Policy Analysis. ACM Computing Surveys, 2019, 51, 1-35.	16.1	30
44	Access Control Model Extensions to Support Data Privacy Protection based on GDPR. , 2019, , .		24
45	Representing and Learning Grammars in Answer Set Programming. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2919-2928.	3.6	16
46	Generating Client Side Policies for Cyber-Physical Safety. , 2019, , .		0
47	IoT Security A Comprehensive Life Cycle Framework. , 2019, , .		2
48	Universally Composable Key Bootstrapping and Secure Communication Protocols for the Energy Internet. IEEE Transactions on Information Forensics and Security, 2019, 14, 2113-2127.	4.5	3
49	Robust Sensor Localization against Known Sensor Position Attacks. IEEE Transactions on Mobile Computing, 2019, 18, 2954-2967.	3.9	7
50	Can N-Version Decision-Making Prevent the Rebirth of HAL 9000 in Military Camo? Using a â€œGolden Ruleâ€•Threshold to Prevent AI Mission Individuation. Lecture Notes in Computer Science, 2019, , 69-81.	1.0	1
51	Efficient and Scalable Integrity Verification of Data and Query Results for Graph Databases. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 866-879.	4.0	20
52	A context-aware system to secure enterprise content: Incorporating reliability specifiers. Computers and Security, 2018, 77, 162-178.	4.0	5
53	Highly efficient randomized authentication in VANETs. Pervasive and Mobile Computing, 2018, 44, 31-44.	2.1	30
54	PrivBioMTAuth: Privacy Preserving Biometrics-Based and User Centric Protocol for User Authentication From Mobile Phones. IEEE Transactions on Information Forensics and Security, 2018, 13, 1042-1057.	4.5	50

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55	Social-collaborative determinants of content quality in online knowledge production systems: comparing Wikipedia and Stack Overflow. Social Network Analysis and Mining, 2018, 8, 1.	1.9	6
56	Android User Privacy Preserving Through Crowdsourcing. IEEE Transactions on Information Forensics and Security, 2018, 13, 773-787.	4.5	21
57	Secure Seamless Bluetooth Low Energy Connection Migration for Unmodified IoT Devices. IEEE Transactions on Mobile Computing, 2018, 17, 927-944.	3.9	26
58	Security Issues for Distributed Fusion in Coalition Environments. , 2018, , .		1
59	PAST: Protocol-Adaptable Security Tool for Heterogeneous IoT Ecosystems. , 2018, , .		3
60	Securing Mobile Data Collectors by Integrating Software Attestation and Encrypted Data Repositories. , 2018, , .		1
61	Decentralized Public Key Infrastructure for Internet-of-Things. , 2018, , .		27
62	Blockchain-Based PKI Solutions for IoT. , 2018, , .		50
63	Detection of Temporal Data Ex-Filtration Threats to Relational Databases. , 2018, , .		5
64	A Comprehensive Query Language for Provenance Information. International Journal of Cooperative Information Systems, 2018, 27, 1850007.	0.6	4
65	The Challenge of Access Control Policies Quality. Journal of Data and Information Quality, 2018, 10, 1-6.	1.5	14
66	Editorial: Security and privacy protection vs sustainable development. Computers and Security, 2018, 76, 250-251.	4.0	3
67	Hybrid Differentially-Private String Matching. , 2018, , .		0
68	LTEInspector: A Systematic Approach for Adversarial Testing of 4G LTE. , 2018, , .		121
69	Security and privacy in social networks. Concurrency Computation Practice and Experience, 2017, 29, e4093.	1.4	4
70	A Game of Things. , 2017, , .		10
71	Isolating Misbehaving Nodes in MANETs with an Adaptive Trust Threshold Strategy. Mobile Networks and Applications, 2017, 22, 493-509.	2.2	10
72	No one can track you: Randomized authentication in Vehicular Ad-hoc Networks. , 2017, , .		19

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73	Fine-Grained Analysis of Packet Loss in MANETs. IEEE Access, 2017, 5, 7798-7807.	2.6	23
74	Heimdall: Mitigating the Internet of Insecure Things. IEEE Internet of Things Journal, 2017, 4, 968-978.	5.5	59
75	Real-Time Digital Signatures for Time-Critical Networks. IEEE Transactions on Information Forensics and Security, 2017, 12, 2627-2639.	4.5	22
76	Distributed Intelligence. , 2017, , .		7
77	A Collaborative DDoS Defence Framework Using Network Function Virtualization. IEEE Transactions on Information Forensics and Security, 2017, 12, 2483-2497.	4.5	56
78	Detecting deceptive engagement in social media by temporal pattern analysis of user behaviors: a survey. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2017, 7, e1210.	4.6	3
79	Certificateless Cryptographic Protocols for Efficient Drone-Based Smart City Applications. IEEE Access, 2017, 5, 3721-3749.	2.6	60
80	Android resource usage risk assessment using hidden Markov model and online learning. Computers and Security, 2017, 65, 90-107.	4.0	31
81	Privacy Preserving Location Recommendations. Lecture Notes in Computer Science, 2017, , 502-516.	1.0	10
82	Privacy Preserving User-Based Recommender System. , 2017, , .		38
83	CertificateLess Cryptography-Based Rule Management Protocol for Advanced Mission Delivery Networks. , 2017, , .		0
84	Kalis â€" A System for Knowledge-Driven Adaptable Intrusion Detection for the Internet of Things. , 2017, , .		99
85	Extending social networks with delegation. Computers and Security, 2017, 70, 546-564.	4.0	10
86	A System for Profiling and Monitoring Database Access Patterns by Application Programs for Anomaly Detection. IEEE Transactions on Software Engineering, 2017, 43, 415-431.	4.3	20
87	Android malicious application detection using support vector machine and active learning. , 2017, , .		14
88	Provenance-Based Analytics Services for Access Control Policies. , 2017, , .		8
89	Detection of Temporal Insider Threats to Relational Databases. , 2017, , .		10
90	A Cognitive Policy Framework for Next-Generation Distributed Federated Systems: Concepts and Research Directions. , 2017, , .		18

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91	Decision-making in policy governed human-autonomous systems teams. , 2017, , .		1
92	A Cyber-Provenance Infrastructure for Sensor-Based Data-Intensive Applications. , 2017, , .		3
93	Statistically-enhancing the diagnosis of packet losses in WSNs. International Journal of Mobile Network Design and Innovation, 2017, 7, 3.	0.1	0
94	Protecting outsourced data in cloud computing through access management. Concurrency Computation Practice and Experience, 2016, 28, 600-615.	1.4	49
95	Building robust temporal user profiles for anomaly detection in file system accesses. , 2016, , .		4
96	Data privacy for IoT systems: Concepts, approaches, and research directions. , 2016, , .		22
97	XACML policy evaluation with dynamic context handling. , 2016, , .		0
98	Anomaly Detection Techniques for Database Protection Against Insider Threats (Invited Paper). , 2016, , .		5
99	RahasNym: Pseudonymous Identity Management System for Protecting against Linkability. , 2016, , .		3
100	QL-SimP: Query Language for Secure Interoperable Multi-Granular Provenance Framework. , 2016, , .		3
101	ID2S Password-Authenticated Key Exchange Protocols. IEEE Transactions on Computers, 2016, , 1-1.	2.4	12
102	Strategic Security Resource Allocation for Internet of Things. , 2016, , .		5
103	User Preference Based Link Inference for Social Network. , 2016, , .		2
104	Data and syntax centric anomaly detection for relational databases. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2016, 6, 231-239.	4.6	32
105	Editorial: Introduction to Data Security and Privacy. Data Science and Engineering, 2016, 1, 125-126.	4.6	7
106	Data Security and Privacy: Concepts, Approaches, and Research Directions. , 2016, , .		31
107	Practical privacy-preserving user profile matching in social networks. , 2016, , .		20
108	A Data-Driven Evaluation for Insider Threats. Data Science and Engineering, 2016, 1, 73-85.	4.6	15

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109	Provenance for Wireless Sensor Networks: A Survey. Data Science and Engineering, 2016, 1, 189-200.	4.6	22
110	SimP: Secure interoperable multi-granular provenance framework. , 2016, , .		10
111	GeoInformatica welcomes a new co-editor-in-chief. GeoInformatica, 2016, 20, 569-570.	2.0	0
112	Introduction to Data Science and Engineering. Data Science and Engineering, 2016, 1, 1-3.	4.6	4
113	On the Properties of Non-Media Digital Watermarking: A Review of State of the Art Techniques. IEEE Access, 2016, 4, 2670-2704.	2.6	58
114	Dictionary Based Secure Provenance Compression for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 405-418.	4.0	37
115	Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1546-1559.	4.0	89
116	Securing Mobile Applications. Computer, 2016, 49, 9-9.	1.2	4
117	Private Cell Retrieval From Data Warehouses. IEEE Transactions on Information Forensics and Security, 2016, 11, 1346-1361.	4.5	6
118	Marlin: Mitigating Code Reuse Attacks Using Code Randomization. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 326-337.	3.7	16
119	Adaptive Trust Update Frequency in MANETs. , 2015, , .		2
120	The State of the Journal Editorial. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 135-135.	3.7	0
121	Adaptive Trust Threshold Strategy for Misbehaving Node Detection and Isolation. , 2015, , .		4
122	A Collaborative Reputation System Based on Credibility Propagation in WSNs. , 2015, , .		8
123	Effective Key Management in Dynamic Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2015, 10, 371-383.	4.5	119
124	Scalable end-to-end security for advanced metering infrastructures. Information Systems, 2015, 53, 213-223.	2.4	19
125	Big Data for Open Digital Innovation â€" A Research Roadmap. Big Data Research, 2015, 2, 53-58.	2.6	41
126	Privacy-Preserving Detection of Sensitive Data Exposure. IEEE Transactions on Information Forensics and Security, 2015, 10, 1092-1103.	4.5	80

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127	XACML Policy Evaluation with Dynamic Context Handling. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2575-2588.	4.0	7
128	Interdependent Security Risk Analysis of Hosts and Flows. IEEE Transactions on Information Forensics and Security, 2015, 10, 2325-2339.	4.5	20
129	In the shadows we trust: A secure aggregation tolerant watermark for data streams. , 2015, , .		8
130	Inside Attack Filtering for Robust Sensor Localization. , 2015, , .		1
131	Building Sensor-Based Big Data Cyberinfrastructures. IEEE Cloud Computing, 2015, 2, 64-69.	5.3	9
132	Security and privacy of electronic health information systems. International Journal of Information Security, 2015, 14, 485-486.	2.3	6
133	Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 98-110.	3.7	143
134	Context-Based Access Control Systems for Mobile Devices. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 150-163.	3.7	62
135	A Lightweight Secure Scheme for Detecting Provenance Forgery and Packet DropAttacks in Wireless Sensor Networks. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 256-269.	3.7	56
136	Fine-grained analysis of packet losses in wireless sensor networks. , 2014, , .		9
137	Privacy-Preserving Assessment of Social Network Data Trustworthiness. International Journal of Cooperative Information Systems, 2014, 23, 1441004.	0.6	3
138	Guest editorial: Information reuse, integration, and reusable systems. Information Systems Frontiers, 2014, 16, 749-752.	4.1	0
139	Secure data provenance compression using arithmetic coding in wireless sensor networks. , 2014, , .		23
140	An Efficient Certificateless Encryption for Secure Data Sharing in Public Clouds. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2107-2119.	4.0	88
141	Detecting mobile malware threats to homeland security through static analysis. Journal of Network and Computer Applications, 2014, 38, 43-53.	5.8	109
142	A formal proximity model for RBAC systems. Computers and Security, 2014, 41, 52-67.	4.0	17
143	Secure kNN Query Processing in Untrusted Cloud Environments. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2818-2831.	4.0	61
144	A Supermodularity-Based Differential Privacy Preserving Algorithm for Data Anonymization. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1591-1601.	4.0	25

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145	Private Searching on Streaming Data Based on Keyword Frequency. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 155-167.	3.7	16
146	Practical k nearest neighbor queries with location privacy. , 2014, , .		53
147	Privacy Preserving Delegated Access Control in Public Clouds. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2268-2280.	4.0	62
148	A roadmap for privacy-enhanced secure data provenance. Journal of Intelligent Information Systems, 2014, 43, 481-501.	2.8	29
149	Building access control policy model for privacy preserving and testing policy conflicting problems. Journal of Computer and System Sciences, 2014, 80, 1493-1503.	0.9	53
150	Robust Multi-Factor Authentication for Fragile Communications. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 568-581.	3.7	105
151	Representation and querying of unfair evaluations in social rating systems. Computers and Security, 2014, 41, 68-88.	4.0	14
152	Secure Provenance Transmission for Streaming Data. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1890-1903.	4.0	45
153	Agent-based accountable grid computing systems. Journal of Supercomputing, 2013, 65, 903-929.	2.4	0
154	Privacy-preserving authentication of trees and graphs. International Journal of Information Security, 2013, 12, 467-494.	2.3	36
155	Encryption key management for secure communication in smart advanced metering infrastructures. , 2013, , .		9
156	Security-Aware Service Composition with Fine-Grained Information Flow Control. IEEE Transactions on Services Computing, 2013, 6, 330-343.	3.2	27
157	Multi-route query processing and optimization. Journal of Computer and System Sciences, 2013, 79, 312-329.	0.9	21
158	Collaboration in multicloud computing environments: Framework and security issues. Computer, 2013, 46, 76-84.	1.2	96
159	A Similarity Measure for Comparing XACML Policies. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1946-1959.	4.0	32
160	Multiparty privacy protection for electronic health records. , 2013, , .		6
161	Single-Database Private Information Retrieval from Fully Homomorphic Encryption. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1125-1134.	4.0	61
162	Efficient privacy-aware record integration. , 2013, , 167-178.		43

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163	Quality Control in Crowdsourcing Systems: Issues and Directions. IEEE Internet Computing, 2013, 17, 76-81.	3.2	298
164	Efficient General Policy Decision by Using Mutable Variable Aware Cache. , 2013, , .		0
165	Privacy preserving delegated access control in the storage as a service model. , 2012, , .		21
166	Resilient Authenticated Execution of Critical Applications in Untrusted Environments. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 597-609.	3.7	7
167	Reputation Management in Crowdsourcing Systems. , 2012, , .		45
168	Modeling the Risk &amp; Utility of Information Sharing in Social Networks. , 2012, , .		3
169	A Hybrid Approach to Private Record Matching. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 684-698.	3.7	14
170	Using automated individual white-list to protect web digital identities. Expert Systems With Applications, 2012, 39, 11861-11869.	4.4	48
171	Defending against insider threats and internal data leakage. Security and Communication Networks, 2012, 5, 831-833.	1.0	1
172	Preserving privacy of feedback providers in decentralized reputation systems. Computers and Security, 2012, 31, 816-826.	4.0	37
173	A Game-Theoretic Approach for High-Assurance of Data Trustworthiness in Sensor Networks. , 2012, , .		29
174	Secure sensor network SUM aggregation with detection of malicious nodes. , 2012, , .		1
175	Privacy-Preserving and Content-Protecting Location Based Queries. , 2012, , .		28
176	Authentication and key management for Advanced Metering Infrastructures utilizing physically unclonable functions. , 2012, , .		46
177	A role-involved purpose-based access control model. Information Systems Frontiers, 2012, 14, 809-822.	4.1	37
178	ACM/Springer Mobile Networks and Applications (MONET) Special Issue on â€œCollaborative Computing: Networking, Applications and Worksharingâ€. Mobile Networks and Applications, 2012, 17, 325-326.	2.2	2
179	Trusted Identities in Cyberspace. IEEE Internet Computing, 2012, 16, 3-6.	3.2	5
180	A Conditional Role-Involved Purpose-Based Access Control Model. Journal of Organizational Computing and Electronic Commerce, 2011, 21, 71-91.	1.0	12

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181	Detection and Protection against Distributed Denial of Service Attacks in Accountable Grid Computing Systems. , 2011, , .		4
182	On the Complexity of Authorization in RBAC under Qualification and Security Constraints. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 883-897.	3.7	23
183	A New Class of Buffer Overflow Attacks. , 2011, , .		7
184	Design and Implementation of an Intrusion Response System for Relational Databases. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 875-888.	4.0	34
185	Profile-Based Selection of Accountability Policies in Grid Computing Systems. , 2011, , .		0
186	Privacy-Preserving Enforcement of Spatially Aware RBAC. IEEE Transactions on Dependable and Secure Computing, 2011, , .	3.7	7
187	Privacy Preserving OLAP over Distributed XML Data: A Theoretically-Sound Secure-Multiparty-Computation Approach. Journal of Computer and System Sciences, 2011, 77, 965-987.	0.9	48
188	Trust establishment in the formation of Virtual Organizations. Computer Standards and Interfaces, 2011, 33, 13-23.	3.8	12
189	Approximate and exact hybrid algorithms for private nearest-neighbor queries with database protection. GeoInformatica, 2011, 15, 699-726.	2.0	37
190	Efficient systematic clustering method for k-anonymization. Acta Informatica, 2011, 48, 51-66.	0.5	67
191	A conditional purpose-based access control model with dynamic roles. Expert Systems With Applications, 2011, 38, 1482-1489.	4.4	45
192	Fine-grained integration of access control policies. Computers and Security, 2011, 30, 91-107.	4.0	24
193	Fine-Grained Cloaking of Sensitive Positions in Location-Sharing Applications. IEEE Pervasive Computing, 2011, 10, 64-72.	1.1	45
194	EXAM: a comprehensive environment for the analysis of access control policies. International Journal of Information Security, 2010, 9, 253-273.	2.3	56
195	A General Framework for Web Content Filtering. World Wide Web, 2010, 13, 215-249.	2.7	14
196	Security and Communication Networks (SCN), Wiley Online Library Special Issue on â€œDefending Against Insider Threats and Internal Data Leakageâ€•http://wileyonlinelibrary.com/journal/sec. Security and Communication Networks, 2010, 3, 355-356.	1.0	0
197	Group-Based Negotiations in P2P Systems. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1473-1486.	4.0	8
198	Credibility-enhanced curated database: Improving the value of curated databases. , 2010, , .		0

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199	JTAM - A Joint Threshold Administration Model. , 2010, , .		0
200	Access Control for Databases: Concepts and Systems. Foundations and Trends in Databases, 2010, 3, 1-148.	4.1	43
201	Guest Editors' Introduction: Data Quality in the Internet Era. IEEE Internet Computing, 2010, 14, 11-13.	3.2	9
202	Privacy-Aware Location-Aided Routing in Mobile Ad Hoc Networks. , 2010, , .		8
203	TIAMAT. Proceedings of the VLDB Endowment, 2009, 2, 1618-1621.	2.1	18
204	Privacy-preserving incremental data dissemination. Journal of Computer Security, 2009, 17, 43-68.	0.5	26
205	Tagging stream data for rich real-time services. Proceedings of the VLDB Endowment, 2009, 2, 73-84.	2.1	8
206	Privacy-Aware Role-Based Access Control. IEEE Security and Privacy, 2009, 7, 35-43.	1.5	55
207	Guest Editorial: Special Section on Service-Oriented Distributed Computing Systems. IEEE Transactions on Services Computing, 2009, 2, 245-246.	3.2	2
208	A distributed approach to enabling privacy-preserving model-based classifier training. Knowledge and Information Systems, 2009, 20, 157-185.	2.1	8
209	A comprehensive simulation tool for the analysis of password policies. International Journal of Information Security, 2009, 8, 275-289.	2.3	17
210	Minimal credential disclosure in trust negotiations. Identity in the Information Society, 2009, 2, 221-239.	0.8	4
211	Visualization for Access Control Policy Analysis Results Using Multi-level Grids. , 2009, , .		9
212	Improving Scalability of Software Cloud for Composite Web Services. , 2009, , .		15
213	Using Anonymized Data for Classification. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	61
214	Security Analysis of the SASI Protocol. IEEE Transactions on Dependable and Secure Computing, 2009, 6, 73-77.	3.7	67
215	A Characterization of the problem of secure provenance management. , 2009, , .		4
216	The Design and Evaluation of Accountable Grid Computing System. , 2009, , .		16

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217	A risk management approach to RBAC. Risk and Decision Analysis, 2009, 1, 21-33.	0.4	21
218	Privacy-preserving techniques for location-based services. SIGSPATIAL Special, 2009, 1, 2-3.	2.5	3
219	Spatial Domains for the Administration of Location-based Access Control Policies. Journal of Network and Systems Management, 2008, 16, 277-302.	3.3	7
220	Measuring the structural similarity among XML documents and DTDs. Journal of Intelligent Information Systems, 2008, 30, 55-92.	2.8	20
221	Detecting anomalous access patterns in relational databases. VLDB Journal, 2008, 17, 1063-1077.	2.7	154
222	Watermarking Relational Databases Using Optimization-Based Techniques. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 116-129.	4.0	102
223	Anonymous Geo-Forwarding in MANETs through Location Cloaking. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1297-1309.	4.0	39
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