Elisa Bertino

List of Publications by Year
in descending order

316 papers	8,588 citations	50276 46 h-index	71685 76 g-index
318 all docs	318 docs citations	318 times ranked	5980 citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-the-art in privacy preserving data mining. SIGMOD Record, 2004, 33, 50-57.	1.2	661
2	TRBAC. ACM Transactions on Information and System Security, 2001, 4, 191-233.	4.5	617
3	Quality Control in Crowdsourcing Systems: Issues and Directions. IEEE Internet Computing, 2013, 17, 76-81.	3.3	298
4	Detecting anomalous access patterns in relational databases. VLDB Journal, 2008, 17, 1063-1077.	4.1	154
5	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.	5.4	143
6	Specifying and enforcing access control policies for XML document sources. World Wide Web, 2000, 3, 139-151.	4.0	135
7	A Framework for Evaluating Privacy Preserving Data Mining Algorithms*. Data Mining and Knowledge Discovery, 2005, 11, 121-154.	3.7	132
8	LTEInspector: A Systematic Approach for Adversarial Testing of 4G LTE. , 2018, , .		121
9	Effective Key Management in Dynamic Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2015, 10, 371-383.	6.9	119
10	An integrated approach to federated identity and privilege management in open systems. Communications of the ACM, 2007, 50, 81-87.	4.5	116
11	A Trust-Based Context-Aware Access Control Model for Web-Services. Distributed and Parallel Databases, 2005, 18, 83-105.	1.6	110
12	Detecting mobile malware threats to homeland security through static analysis. Journal of Network and Computer Applications, 2014, 38, 43-53.	9.1	109
13	Robust Multi-Factor Authentication for Fragile Communications. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 568-581.	5.4	105
14	Watermarking Relational Databases Using Optimization-Based Techniques. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 116-129.	5.7	102
15	Kalis â€" A System for Knowledge-Driven Adaptable Intrusion Detection for the Internet of Things. , 2017, , .		99
16	Collaboration in multicloud computing environments: Framework and security issues. Computer, 2013, 46, 76-84.	1.1	96
17	Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1546-1559.	5.7	89
18	An Efficient Certificateless Encryption for Secure Data Sharing in Public Clouds. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2107-2119.	5.7	88

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19	Privacy-Preserving Detection of Sensitive Data Exposure. IEEE Transactions on Information Forensics and Security, 2015, 10, 1092-1103.	6.9	80
20	A matching algorithm for measuring the structural similarity between an XML document and a DTD and its applications. Information Systems, 2004, 29, 23-46.	3.6	79
21	Privacy preserving multi-factor authentication with biometrics. Journal of Computer Security, 2007, 15, 529-560.	0.8	79
22	Pruning deep convolutional neural networks for efficient edge computing in condition assessment of infrastructures. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 774-789.	9.8	73
23	A Hybrid Approach to Private Record Linkage. , 2008, , .		71
24	Robust and Universal Seamless Handover Authentication in 5G HetNets. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 858-874.	5.4	71
25	Security Analysis of the SASI Protocol. IEEE Transactions on Dependable and Secure Computing, 2009, 6, 73-77.	5.4	67
26	Efficient systematic clustering method for k-anonymization. Acta Informatica, 2011, 48, 51-66.	0.5	67
27	XACML Policy Integration Algorithms. ACM Transactions on Information and System Security, 2008, 11, 1-29.	4.5	66
28	An Efficient Time-Bound Hierarchical Key Management Scheme for Secure Broadcasting. IEEE Transactions on Dependable and Secure Computing, 2008, 5, 65-70.	5.4	62
29	Privacy Preserving Delegated Access Control in Public Clouds. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2268-2280.	5.7	62
30	Context-Based Access Control Systems for Mobile Devices. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 150-163.	5.4	62
31	Using Anonymized Data for Classification. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	61
32	Single-Database Private Information Retrieval from Fully Homomorphic Encryption. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1125-1134.	5.7	61
33	Secure kNN Query Processing in Untrusted Cloud Environments. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2818-2831.	5.7	61
34	Certificateless Cryptographic Protocols for Efficient Drone-Based Smart City Applications. IEEE Access, 2017, 5, 3721-3749.	4.2	60
35	Heimdall: Mitigating the Internet of Insecure Things. IEEE Internet of Things Journal, 2017, 4, 968-978.	8.7	59
36	Data Transparency with Blockchain and AI Ethics. Journal of Data and Information Quality, 2019, 11, 1-8.	2.1	59

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37	On the Properties of Non-Media Digital Watermarking: A Review of State of the Art Techniques. IEEE Access, 2016, 4, 2670-2704.	4.2	58
38	A Critique of the ANSI Standard on Role-Based Access Control. IEEE Security and Privacy, 2007, 5, 41-49.	1.2	57
39	EXAM: a comprehensive environment for the analysis of access control policies. International Journal of Information Security, 2010, 9, 253-273.	3.4	56
40	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.	5.4	56
41	A Collaborative DDoS Defence Framework Using Network Function Virtualization. IEEE Transactions on Information Forensics and Security, 2017, 12, 2483-2497.	6.9	56
42	An approach to evaluate policy similarity. , 2007, , .		55
43	Privacy-Aware Role-Based Access Control. IEEE Security and Privacy, 2009, 7, 35-43.	1.2	55
44	Trust Negotiation in Identity Management. IEEE Security and Privacy, 2007, 5, 55-63.	1.2	53
45	Practical k nearest neighbor queries with location privacy. , 2014, , .		53
46	Building access control policy model for privacy preserving and testing policy conflicting problems. Journal of Computer and System Sciences, 2014, 80, 1493-1503.	1.2	53
47	Structural signatures for tree data structures. Proceedings of the VLDB Endowment, 2008, 1, 138-150.	3.8	50
48	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.	6.9	50
49	Blockchain-Based PKI Solutions for IoT. , 2018, , .		50
50	Access Control and Authorization Constraints for WS-BPEL. , 2006, , .		49
51	Protecting outsourced data in cloud computing through access management. Concurrency Computation Practice and Experience, 2016, 28, 600-615.	2.2	49
52	Privacy Preserving OLAP over Distributed XML Data: A Theoretically-Sound Secure-Multiparty-Computation Approach. Journal of Computer and System Sciences, 2011, 77, 965-987.	1.2	48
53	Using automated individual white-list to protect web digital identities. Expert Systems With Applications, 2012, 39, 11861-11869.	7.6	48
54	RBAC models â€" concepts and trends. Computers and Security, 2003, 22, 511-514.	6.0	46

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55	Authentication and key management for Advanced Metering Infrastructures utilizing physically unclonable functions. , 2012, , .		46
56	A conditional purpose-based access control model with dynamic roles. Expert Systems With Applications, 2011, 38, 1482-1489.	7.6	45
57	Fine-Grained Cloaking of Sensitive Positions in Location-Sharing Applications. IEEE Pervasive Computing, 2011, 10, 64-72.	1.3	45
58	Reputation Management in Crowdsourcing Systems. , 2012, , .		45
59	Secure Provenance Transmission for Streaming Data. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1890-1903.	5.7	45
60	Access Control for Databases: Concepts and Systems. Foundations and Trends in Databases, 2010, 3, 1-148.	5.5	43
61	Efficient privacy-aware record integration. , 2013, , 167-178.		43
62	Database security: Research and practice. Information Systems, 1995, 20, 537-556.	3.6	41
63	Big Data for Open Digital Innovation â€" A Research Roadmap. Big Data Research, 2015, 2, 53-58.	4.2	41
64	Anonymous Geo-Forwarding in MANETs through Location Cloaking. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1297-1309.	5.6	39
65	Privacy Preserving User-Based Recommender System. , 2017, , .		38
66	Privacy Preserving Location-Aware Personalized Web Service Recommendations. IEEE Transactions on Services Computing, 2021, 14, 791-804.	4.6	38
67	Approximate and exact hybrid algorithms for private nearest-neighbor queries with database protection. GeoInformatica, 2011, 15, 699-726.	2.7	37
68	Preserving privacy of feedback providers in decentralized reputation systems. Computers and Security, 2012, 31, 816-826.	6.0	37
69	A role-involved purpose-based access control model. Information Systems Frontiers, 2012, 14, 809-822.	6.4	37
70	Dictionary Based Secure Provenance Compression for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 405-418.	5.6	37
71	Privacy-preserving authentication of trees and graphs. International Journal of Information Security, 2013, 12, 467-494.	3.4	36
72	Design and Implementation of an Intrusion Response System for Relational Databases. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 875-888.	5.7	34

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73	Protection and administration of XML data sources. Data and Knowledge Engineering, 2002, 43, 237-260.	3.4	33
74	A Similarity Measure for Comparing XACML Policies. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1946-1959.	5.7	32
75	Data and syntax centric anomaly detection for relational databases. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2016, 6, 231-239.	6.8	32
76	Collaborative commerce and knowledge management. Knowledge and Process Management, 2002, 9, 43-53.	4.4	31
77	Establishing and protecting digital identity in federation systems. Journal of Computer Security, 2006, 14, 269-300.	0.8	31
78	Micro-views, or on how to protect privacy while enhancing data usability. SIGMOD Record, 2006, 35, 9-13.	1.2	31
79	Data Security and Privacy: Concepts, Approaches, and Research Directions. , 2016, , .		31
80	Android resource usage risk assessment using hidden Markov model and online learning. Computers and Security, 2017, 65, 90-107.	6.0	31
81	Highly efficient randomized authentication in VANETs. Pervasive and Mobile Computing, 2018, 44, 31-44.	3.3	30
82	Methods and Tools for Policy Analysis. ACM Computing Surveys, 2019, 51, 1-35.	23.0	30
83	Impact and Key Challenges of Insider Threats on Organizations and Critical Businesses. Electronics (Switzerland), 2020, 9, 1460.	3.1	30
84	A Game-Theoretic Approach for High-Assurance of Data Trustworthiness in Sensor Networks. , 2012, , .		29
85	A roadmap for privacy-enhanced secure data provenance. Journal of Intelligent Information Systems, 2014, 43, 481-501.	3.9	29
86	Continuous Intersection Joins Over Moving Objects. , 2008, , .		28
87	Privacy-Preserving and Content-Protecting Location Based Queries. , 2012, , .		28
88	Data security. Data and Knowledge Engineering, 1998, 25, 199-216.	3.4	27
89	Access control for XML documents and data. Information Security Technical Report, 2004, 9, 19-34.	1.3	27
90	Ws-AC: A Fine Grained Access Control System for Web Services. World Wide Web, 2006, 9, 143-171.	4.0	27

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91	Security-Aware Service Composition with Fine-Grained Information Flow Control. IEEE Transactions on Services Computing, 2013, 6, 330-343.	4.6	27
92	Decentralized Public Key Infrastructure for Internet-of-Things. , 2018, , .		27
93	Privacy-preserving incremental data dissemination. Journal of Computer Security, 2009, 17, 43-68.	0.8	26
94	Secure Seamless Bluetooth Low Energy Connection Migration for Unmodified IoT Devices. IEEE Transactions on Mobile Computing, 2018, 17, 927-944.	5.8	26
95	How Deep Learning Is Making Information Security More Intelligent. IEEE Security and Privacy, 2019, 17, 56-65.	1.2	26
96	A Supermodularity-Based Differential Privacy Preserving Algorithm for Data Anonymization. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1591-1601.	5.7	25
97	Privacy Techniques for Edge Computing Systems. Proceedings of the IEEE, 2019, 107, 1632-1654.	21.3	25
98	Fine-grained integration of access control policies. Computers and Security, 2011, 30, 91-107.	6.0	24
99	Overcoming the Lack of Labeled Data: Training Intrusion Detection Models Using Transfer Learning. , 2019, , .		24
100	Access Control Model Extensions to Support Data Privacy Protection based on GDPR. , 2019, , .		24
101	T?Chimera: A temporal object-oriented data model. Theory and Practice of Object Systems, 1997, 3, 103-125.	0.7	23
102	A semantic-based execution model for multilevel secure workflows. Journal of Computer Security, 2000, 8, 3-41.	0.8	23
103	On the Complexity of Authorization in RBAC under Qualification and Security Constraints. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 883-897.	5.4	23
104	Secure data provenance compression using arithmetic coding in wireless sensor networks. , 2014, , .		23
105	Fine-Grained Analysis of Packet Loss in MANETs. IEEE Access, 2017, 5, 7798-7807.	4.2	23
106	A New Model for Secure Dissemination of XML Content. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 292-301.	2.9	22
107	Data privacy for IoT systems: Concepts, approaches, and research directions. , 2016, , .		22
108	Provenance for Wireless Sensor Networks: A Survey. Data Science and Engineering, 2016, 1, 189-200.	6.4	22

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109	Real-Time Digital Signatures for Time-Critical Networks. IEEE Transactions on Information Forensics and Security, 2017, 12, 2627-2639.	6.9	22
110	A logic-based approach for enforcing access control1. Journal of Computer Security, 2000, 8, 109-139.	0.8	21
111	A risk management approach to RBAC. Risk and Decision Analysis, 2009, 1, 21-33.	0.4	21
112	Privacy preserving delegated access control in the storage as a service model. , 2012, , .		21
113	Multi-route query processing and optimization. Journal of Computer and System Sciences, 2013, 79, 312-329.	1.2	21
114	Android User Privacy Preserving Through Crowdsourcing. IEEE Transactions on Information Forensics and Security, 2018, 13, 773-787.	6.9	21
115	Measuring the structural similarity among XML documents and DTDs. Journal of Intelligent Information Systems, 2008, 30, 55-92.	3.9	20
116	Interdependent Security Risk Analysis of Hosts and Flows. IEEE Transactions on Information Forensics and Security, 2015, 10, 2325-2339.	6.9	20
117	Practical privacy-preserving user profile matching in social networks. , 2016, , .		20
118	A System for Profiling and Monitoring Database Access Patterns by Application Programs for Anomaly Detection. IEEE Transactions on Software Engineering, 2017, 43, 415-431.	5.6	20
119	Efficient and Scalable Integrity Verification of Data and Query Results for Graph Databases. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 866-879.	5.7	20
120	Redefining Data Transparency: A Multidimensional Approach. Computer, 2019, 52, 16-26.	1.1	20
121	Scalable end-to-end security for advanced metering infrastructures. Information Systems, 2015, 53, 213-223.	3.6	19
122	No one can track you: Randomized authentication in Vehicular Ad-hoc Networks. , 2017, , .		19
123	An Analysis Study on Zone-Based Anonymous Communication in Mobile Ad Hoc Networks. IEEE Transactions on Dependable and Secure Computing, 2007, 4, 252-265.	5.4	18
124	Modeling and language support for the management of pattern-bases. Data and Knowledge Engineering, 2007, 62, 368-397.	3.4	18
125	TIAMAT. Proceedings of the VLDB Endowment, 2009, 2, 1618-1621.	3.8	18
126	A Cognitive Policy Framework for Next-Generation Distributed Federated Systems: Concepts and Research Directions. , 2017, , .		18

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127	CiVeDi. SIGMOD Record, 2004, 33, 15-20.	1.2	18
128	Index configuration in object-oriented databases. VLDB Journal, 1994, 3, 355-399.	4.1	17
129	A comprehensive simulation tool for the analysis of password policies. International Journal of Information Security, 2009, 8, 275-289.	3.4	17
130	A formal proximity model for RBAC systems. Computers and Security, 2014, 41, 52-67.	6.0	17
131	Privacy-Preserving User Profile Matching in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1572-1585.	5.7	17
132	The Design and Evaluation of Accountable Grid Computing System. , 2009, , .		16
133	Private Searching on Streaming Data Based on Keyword Frequency. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 155-167.	5.4	16
134	Marlin: Mitigating Code Reuse Attacks Using Code Randomization. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 326-337.	5.4	16
135	Representing and Learning Grammars in Answer Set Programming. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2919-2928.	4.9	16
136	FastLAS: Scalable Inductive Logic Programming Incorporating Domain-Specific Optimisation Criteria. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2877-2885.	4.9	16
137	Temporal authorization bases: From specification to integration. Journal of Computer Security, 2000, 8, 309-353.	0.8	15
138	Improving Scalability of Software Cloud for Composite Web Services. , 2009, , .		15
139	A Data-Driven Evaluation for Insider Threats. Data Science and Engineering, 2016, 1, 73-85.	6.4	15
140	A General Framework for Web Content Filtering. World Wide Web, 2010, 13, 215-249.	4.0	14
141	A Hybrid Approach to Private Record Matching. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 684-698.	5.4	14
142	Representation and querying of unfair evaluations in social rating systems. Computers and Security, 2014, 41, 68-88.	6.0	14
143	Android malicious application detection using support vector machine and active learning. , 2017, , .		14
144	The Challenge of Access Control Policies Quality. Journal of Data and Information Quality, 2018, 10, 1-6.	2.1	14

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145	Zero Trust Architecture: Does It Help?. IEEE Security and Privacy, 2021, 19, 95-96.	1.2	14
146	A constraint-based approach to shape management in multimedia databases. Multimedia Systems, 1998, 6, 2-16.	4.7	13
147	Modeling spatio-temporal constraints for multimedia objects. Data and Knowledge Engineering, 1999, 30, 217-238.	3.4	13
148	Protecting information on the Web. Communications of the ACM, 2000, 43, 3.	4.5	13
149	Supporting Robust and Secure Interactions in Open Domains through Recovery of Trust Negotiations. , 2007, , .		13
150	Workflow authorisation in mediator-free environments. International Journal of Security and Networks, 2006, 1, 2.	0.2	12
151	A Conditional Role-Involved Purpose-Based Access Control Model. Journal of Organizational Computing and Electronic Commerce, 2011, 21, 71-91.	1.8	12
152	Trust establishment in the formation of Virtual Organizations. Computer Standards and Interfaces, 2011, 33, 13-23.	5.4	12
153	ID2S Password-Authenticated Key Exchange Protocols. IEEE Transactions on Computers, 2016, , 1-1.	3.4	12
154	Hybrid Private Record Linkage. ACM Transactions on Privacy and Security, 2019, 22, 1-36.	3.0	12
155	A formal model of views for object-oriented database systems. Theory and Practice of Object Systems, 1997, 3, 157-183.	0.7	11
156	T-ODMG: an ODMG compliant temporal object model supporting multiple granularity management. Information Systems, 2003, 28, 885-927.	3.6	11
157	A-PANDDE: Advanced Provenance-based ANomaly Detection of Data Exfiltration. Computers and Security, 2019, 84, 276-287.	6.0	11
158	ProFact: A Provenance-Based Analytics Framework for Access Control Policies. IEEE Transactions on Services Computing, 2021, 14, 1914-1928.	4.6	11
159	Effectiveness of Model-Based Defenses for Digitally Controlled Industrial Systems: Nuclear Reactor Case Study. Nuclear Technology, 2020, 206, 82-93.	1.2	11
160	Clustering techniques in object bases: A survey. Data and Knowledge Engineering, 1994, 12, 255-275.	3.4	10
161	DECENTRALIZED ADMINISTRATION FOR A TEMPORAL ACCESS CONTROL MODEL. Information Systems, 1997, 22, 223-248.	3.6	10
162	Policy Mapper: Administering Location-Based Access-Control Policies. IEEE Internet Computing, 2008, 12, 38-45.	3.3	10

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163	SimP: Secure interoperable multi-granular provenance framework. , 2016, , .		10
164	A Game of Things. , 2017, , .		10
165	Isolating Misbehaving Nodes in MANETs with an Adaptive Trust Threshold Strategy. Mobile Networks and Applications, 2017, 22, 493-509.	3.3	10
166	Privacy Preserving Location Recommendations. Lecture Notes in Computer Science, 2017, , 502-516.	1.3	10
167	Extending social networks with delegation. Computers and Security, 2017, 70, 546-564.	6.0	10
168	Detection of Temporal Insider Threats to Relational Databases. , 2017, , .		10
169	Method precomputation in object-oriented databases. ACM SIGOIS Bulletin, 1991, 12, 199-212.	0.1	9
170	Visualization for Access Control Policy Analysis Results Using Multi-level Grids. , 2009, , .		9
171	Guest Editors' Introduction: Data Quality in the Internet Era. IEEE Internet Computing, 2010, 14, 11-13.	3.3	9
172	Encryption key management for secure communication in smart advanced metering infrastructures. , 2013, , .		9
173	Fine-grained analysis of packet losses in wireless sensor networks. , 2014, , .		9
174	Building Sensor-Based Big Data Cyberinfrastructures. IEEE Cloud Computing, 2015, 2, 64-69.	3.9	9
175	On the number of descendants in an object DAG. Information Processing Letters, 1996, 58, 211-216.	0.6	8
176	A Formal Definition of the Chimera Object-Oriented Data Model. Journal of Intelligent Information Systems, 1998, 11, 5-40.	3.9	8
177	Definition and analysis of index organizations for object-oriented database systems. Information Systems, 1998, 23, 65-108.	3.6	8
178	A dynamic key management solution to access hierarchy. International Journal of Network Management, 2007, 17, 437-450.	2.2	8
179	Context-Aware Adaptation of Access-Control Policies. IEEE Internet Computing, 2008, 12, 51-54.	3.3	8
180	Automatic Compliance of Privacy Policies in Federated Digital Identity Management. , 2008, , .		8

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181	Tagging stream data for rich real-time services. Proceedings of the VLDB Endowment, 2009, 2, 73-84.	3.8	8
182	A distributed approach to enabling privacy-preserving model-based classifier training. Knowledge and Information Systems, 2009, 20, 157-185.	3.2	8
183	Group-Based Negotiations in P2P Systems. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1473-1486.	5.6	8
184	Privacy-Aware Location-Aided Routing in Mobile Ad Hoc Networks. , 2010, , .		8
185	A Collaborative Reputation System Based on Credibility Propagation in WSNs. , 2015, , .		8
186	In the shadows we trust: A secure aggregation tolerant watermark for data streams. , 2015, , .		8
187	Provenance-Based Analytics Services for Access Control Policies. , 2017, , .		8
188	SPrivAD: A secure and privacy-preserving mutually dependent authentication and data access scheme for smart communities. Computers and Security, 2022, 115, 102610.	6.0	8
189	Towards Deductive Object Databases. Theory and Practice of Object Systems, 1995, 1, 19-39.	0.7	7
190	Content-based filtering of Web documents: the MaX system and the EUFORBIA project. International Journal of Information Security, 2003, 2, 45-58.	3.4	7
191	Spatial Domains for the Administration of Location-based Access Control Policies. Journal of Network and Systems Management, 2008, 16, 277-302.	4.9	7
192	Efficient and Secure Content Processing and Distribution by Cooperative Intermediaries. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 615-626.	5.6	7
193	A New Class of Buffer Overflow Attacks. , 2011, , .		7
194	Privacy-Preserving Enforcement of Spatially Aware RBAC. IEEE Transactions on Dependable and Secure Computing, 2011, , .	5.4	7
195	Resilient Authenticated Execution of Critical Applications in Untrusted Environments. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 597-609.	5.4	7
196	XACML Policy Evaluation with Dynamic Context Handling. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2575-2588.	5.7	7
197	Editorial: Introduction to Data Security and Privacy. Data Science and Engineering, 2016, 1, 125-126.	6.4	7
198	Distributed Intelligence. , 2017, , .		7

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199	Robust Sensor Localization against Known Sensor Position Attacks. IEEE Transactions on Mobile Computing, 2019, 18, 2954-2967.	5.8	7
200	An Anomaly Detection System for the Protection of Relational Database Systems against Data Leakage by Application Programs. , 2020, , .		7
201	Attacks on Artificial Intelligence [Last Word]. IEEE Security and Privacy, 2021, 19, 103-104.	1.2	7
202	Quality of service in multimedia digital libraries. SIGMOD Record, 2001, 30, 35-40.	1.2	7
203	Semantics-aware Obfuscation for Location Privacy. Journal of Computing Science and Engineering, 2008, 2, 137-160.	0.6	7
204	A theoretical formulation for degrees of isolation in databases. Information and Software Technology, 1997, 39, 47-53.	4.4	6
205	A logical approach to cooperative information systems. The Journal of Logic Programming, 2000, 43, 15-48.	1.7	6
206	A Policy-Based Authorization Framework for Web Services: Integrating XGTRBAC and WS-Policy. , 2007, , .		6
207	A system for securing push-based distribution of XML documents. International Journal of Information Security, 2007, 6, 255-284.	3.4	6
208	A Policy-Based Accountability Tool for Grid Computing Systems. , 2008, , .		6
209	Verification of Receipts from M-commerce Transactions on NFC Cellular Phones. Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS), International Workshop on, 2008, , .	0.0	6
210	Multiparty privacy protection for electronic health records. , 2013, , .		6
211	Security and privacy of electronic health information systems. International Journal of Information Security, 2015, 14, 485-486.	3.4	6
212	Private Cell Retrieval From Data Warehouses. IEEE Transactions on Information Forensics and Security, 2016, 11, 1346-1361.	6.9	6
213	Social-collaborative determinants of content quality in online knowledge production systems: comparing Wikipedia and Stack Overflow. Social Network Analysis and Mining, 2018, 8, 1.	2.8	6
214	Guest Editorial Special Issue on Security and Privacy Protection for Big Data and IoT. IEEE Internet of Things Journal, 2019, 6, 1446-1449.	8.7	6
215	A Secure Shuffling Mechanism for White-Box Attack-Resistant Unmanned Vehicles. IEEE Transactions on Mobile Computing, 2020, 19, 1023-1039.	5.8	6
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218	Trusted Identities in Cyberspace. IEEE Internet Computing, 2012, 16, 3-6.	3.3	5
219	Anomaly Detection Techniques for Database Protection Against Insider Threats (Invited Paper). , 2016, , .		5
220	Strategic Security Resource Allocation for Internet of Things. , 2016, , .		5
221	A context-aware system to secure enterprise content: Incorporating reliability specifiers. Computers and Security, 2018, 77, 162-178.	6.0	5
222	Detection of Temporal Data Ex-Filtration Threats to Relational Databases. , 2018, , .		5
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