Elisa Bertino

List of Publications by Year in Descending Order

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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.

279 papers	6,000 citations	39 h-index	65 g-index
318 ext. papers	7,357 ext. citations	3 avg, IF	6.31 L-index

#	Paper	IF	Citations
279	SPrivAD: A secure and privacy-preserving mutually dependent authentication and data access scheme for smart communities. *Computers and Security*, **2022**, 115, 102610	4.9	1
278	Guest Editor's Introduction: Special Section on EdgeAI as a Service. *IEEE Transactions on Services Computing*, **2022**, 15, 588-590	4.8	
277	The Persistent Problem of Software Insecurity. *IEEE Security and Privacy*, **2022**, 20, 107-108	2	
276	Secure and Lightweight Authentication for Mobile Edge Computing Enabled WBANs. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	0
275	CryptoCliqIn: Graph-theoretic Cryptography using Clique Injection. *IEEE Intelligent Systems*, **2021**, 1-1	4.2	
274	SCiMet: Stable, sCalable and reliable Metric-based framework for quality assessment in collaborative content generation systems. *Journal of Informetrics*, **2021**, 15, 101127	3.1	1
273	Privacy Preserving Location-Aware Personalized Web Service Recommendations. *IEEE Transactions on Services Computing*, **2021**, 14, 791-804	4.8	25
272	Robust and Universal Seamless Handover Authentication in 5G HetNets. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 18, 858-874	3.9	42
271	Attacks on Artificial Intelligence [Last Word]. *IEEE Security and Privacy*, **2021**, 19, 103-104	2	3
270	Orchestration or Automation: Authentication Flaw Detection in Android Apps. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 1-1	3.9	
269	. *IEEE Security and Privacy*, **2021**, 19, 95-96	2	1
268	AQA: An Adaptive Quality Assessment Framework for Online Review Systems. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	
267	Analysis of Encryption Key Generation in Modern Crypto Ransomware. *IEEE Transactions on Dependable and Secure Computing*, **2020**, 1-1	3.9	1
266	FastLAS: Scalable Inductive Logic Programming Incorporating Domain-Specific Optimisation Criteria. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 2877-2885	5	6
265	Impact and Key Challenges of Insider Threats on Organizations and Critical Businesses. *Electronics (Switzerland)*, **2020**, 9, 1460	2.6	9
264	AI-driven data security and privacy. *Journal of Network and Computer Applications*, **2020**, 172, 102842	7.9	2
263	An Anomaly Detection System for the Protection of Relational Database Systems against Data Leakage by Application Programs **2020**,		1

262	Security of cellular networks position paper. *CCF Transactions on Networking*, **2020**, 3, 93-96	0.8	0
261	Privacy-Preserving User Profile Matching in Social Networks. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 1572-1585	4.2	7
260	A Secure Shuffling Mechanism for White-Box Attack-Resistant Unmanned Vehicles. *IEEE Transactions on Mobile Computing*, **2020**, 19, 1023-1039	4.6	4
259	Effectiveness of Model-Based Defenses for Digitally Controlled Industrial Systems: Nuclear Reactor Case Study. *Nuclear Technology*, **2020**, 206, 82-93	1.4	8
258	Privacy Techniques for Edge Computing Systems. *Proceedings of the IEEE*, **2019**, 107, 1632-1654	14.3	13
257	Pruning deep convolutional neural networks for efficient edge computing in condition assessment of infrastructures. *Computer-Aided Civil and Infrastructure Engineering*, **2019**, 34, 774-789	8.4	38
256	. *IEEE Internet of Things Journal*, **2019**, 6, 1446-1449	10.7	4
255	How Deep Learning Is Making Information Security More Intelligent. *IEEE Security and Privacy*, **2019**, 17, 56-65	2	16
254	Hybrid Private Record Linkage. *ACM Transactions on Privacy and Security*, **2019**, 22, 1-36	2.9	9
253	Redefining Data Transparency: A Multidimensional Approach. *Computer*, **2019**, 52, 16-26	1.6	8
252	A-PANDDE: Advanced Provenance-based ANomaly Detection of Data Exfiltration. *Computers and Security*, **2019**, 84, 276-287	4.9	7
251	Methods and Tools for Policy Analysis. *ACM Computing Surveys*, **2019**, 51, 1-35	13.4	14
250	Overcoming the Lack of Labeled Data: Training Intrusion Detection Models Using Transfer Learning **2019**,		7
249	Data Transparency with Blockchain and AI Ethics. *Journal of Data and Information Quality*, **2019**, 11, 1-8	2.5	17
248	It Takes a Village to Secure Cellular Networks. *IEEE Security and Privacy*, **2019**, 17, 96-95	2	1
247	Can N-Version Decision-Making Prevent the Rebirth of HAL 9000 in Military Camo? Using a Golden Rule Threshold to Prevent AI Mission Individuation. *Lecture Notes in Computer Science*, **2019**, 69-81	0.9	0
246	ProFact: A Provenance-based Analytics Framework for Access Control Policies. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	6
245	**2019**,		10

244	Representing and Learning Grammars in Answer Set Programming. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 2919-2928	5	7
243	IoT Security A Comprehensive Life Cycle Framework **2019**,		2
242	A Trust-Based Experience-Aware Framework for Integrating Fuzzy Recommendations. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	3
241	Universally Composable Key Bootstrapping and Secure Communication Protocols for the Energy Internet. *IEEE Transactions on Information Forensics and Security*, **2019**, 14, 2113-2127	8	2
240	Robust Sensor Localization against Known Sensor Position Attacks. *IEEE Transactions on Mobile Computing*, **2019**, 18, 2954-2967	4.6	5
239	Efficient and Scalable Integrity Verification of Data and Query Results for Graph Databases. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 866-879	4.2	12
238	A context-aware system to secure enterprise content: Incorporating reliability specifiers. *Computers and Security*, **2018**, 77, 162-178	4.9	2
237	Highly efficient randomized authentication in VANETs. *Pervasive and Mobile Computing*, **2018**, 44, 31-44	3.5	20
236	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	8	35
235	Social-collaborative determinants of content quality in online knowledge production systems: comparing Wikipedia and Stack Overflow. *Social Network Analysis and Mining*, **2018**, 8, 1	2.2	4
234	Android User Privacy Preserving Through Crowdsourcing. *IEEE Transactions on Information Forensics and Security*, **2018**, 13, 773-787	8	13
233	Secure Seamless Bluetooth Low Energy Connection Migration for Unmodified IoT Devices. *IEEE Transactions on Mobile Computing*, **2018**, 17, 927-944	4.6	15
232	LTEInspector: A Systematic Approach for Adversarial Testing of 4G LTE **2018**,		51
231	PAST: Protocol-Adaptable Security Tool for Heterogeneous IoT Ecosystems **2018**,		2
230	Decentralized Public Key Infrastructure for Internet-of-Things **2018**,		12
229	Blockchain-Based PKI Solutions for IoT **2018**,		27
228	Detection of Temporal Data Ex-Filtration Threats to Relational Databases **2018**,		4
227	A Comprehensive Query Language for Provenance Information. *International Journal of Cooperative Information Systems*, **2018**, 27, 1850007	0.6	3

226	The Challenge of Access Control Policies Quality. *Journal of Data and Information Quality*, **2018**, 10, 1-6	2.5	5
225	A Game of Things **2017**,		8
224	Isolating Misbehaving Nodes in MANETs with an Adaptive Trust Threshold Strategy. *Mobile Networks and Applications*, **2017**, 22, 493-509	2.9	8
223	No one can track you: Randomized authentication in Vehicular Ad-hoc Networks **2017**,		8
222	Fine-Grained Analysis of Packet Loss in MANETs. *IEEE Access*, **2017**, 5, 7798-7807	3.5	20
221	Heimdall: Mitigating the Internet of Insecure Things. *IEEE Internet of Things Journal*, **2017**, 4, 968-978	10.7	47
220	Real-Time Digital Signatures for Time-Critical Networks. *IEEE Transactions on Information Forensics and Security*, **2017**, 12, 2627-2639	8	14
219	Distributed Intelligence **2017**,		6
218	A Collaborative DDoS Defence Framework Using Network Function Virtualization. *IEEE Transactions on Information Forensics and Security*, **2017**, 12, 2483-2497	8	38
217	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	6.9	1
216	Certificateless Cryptographic Protocols for Efficient Drone-Based Smart City Applications. *IEEE Access*, **2017**, 5, 3721-3749	3.5	38
215	Android resource usage risk assessment using hidden Markov model and online learning. *Computers and Security*, **2017**, 65, 90-107	4.9	23
214	Privacy Preserving Location Recommendations. *Lecture Notes in Computer Science*, **2017**, 502-516	0.9	8
213	Privacy Preserving User-Based Recommender System **2017**,		24
212	Kalis A System for Knowledge-Driven Adaptable Intrusion Detection for the Internet of Things **2017**,		74
211	Extending social networks with delegation. *Computers and Security*, **2017**, 70, 546-564	4.9	8
210	A System for Profiling and Monitoring Database Access Patterns by Application Programs for Anomaly Detection. *IEEE Transactions on Software Engineering*, **2017**, 43, 415-431	3.5	14
209	Android malicious application detection using support vector machine and active learning **2017**,		8

208	Provenance-Based Analytics Services for Access Control Policies **2017**,		6
207	Detection of Temporal Insider Threats to Relational Databases **2017**,		9
206	A Cognitive Policy Framework for Next-Generation Distributed Federated Systems: Concepts and Research Directions **2017**,		15
205	Protecting outsourced data in cloud computing through access management. *Concurrency Computation Practice and Experience*, **2016**, 28, 600-615	1.4	32
204	Data Security and Privacy: Concepts, Approaches, and Research Directions **2016**,		13
203	Practical privacy-preserving user profile matching in social networks **2016**,		15
202	A Data-Driven Evaluation for Insider Threats. *Data Science and Engineering*, **2016**, 1, 73-85	3.6	7
201	Provenance for Wireless Sensor Networks: A Survey. *Data Science and Engineering*, **2016**, 1, 189-200	3.6	17
200	SimP: Secure interoperable multi-granular provenance framework **2016**,		8
199	GeoInformatica welcomes a new co-editor-in-chief. *GeoInformatica*, **2016**, 20, 569-570	2.5	
198	On the Properties of Non-Media Digital Watermarking: A Review of State of the Art Techniques. *IEEE Access*, **2016**, 4, 2670-2704	3.5	33
197	Dictionary Based Secure Provenance Compression for Wireless Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2016**, 27, 405-418	3.7	32
196	Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 1546-1559	4.2	69
195	Securing Mobile Applications. *Computer*, **2016**, 49, 9-9	1.6	1
194	Private Cell Retrieval From Data Warehouses. *IEEE Transactions on Information Forensics and Security*, **2016**, 11, 1346-1361	8	5
193	Building robust temporal user profiles for anomaly detection in file system accesses **2016**,		2
192	Data privacy for IoT systems: Concepts, approaches, and research directions **2016**,		13
191	Anomaly Detection Techniques for Database Protection Against Insider Threats (Invited Paper) **2016**,		4

190	RahasNym: Pseudonymous Identity Management System for Protecting against Linkability **2016**,		3
189	QL-SimP: Query Language for Secure Interoperable Multi-Granular Provenance Framework **2016**,		3
188	ID2S Password-Authenticated Key Exchange Protocols. *IEEE Transactions on Computers*, **2016**, 1-1	2.5	7
187	Strategic Security Resource Allocation for Internet of Things **2016**,		3
186	User Preference Based Link Inference for Social Network **2016**,		2
185	Data and syntax centric anomaly detection for relational databases. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, **2016**, 6, 231-239	6.9	16
184	Privacy-Preserving Detection of Sensitive Data Exposure. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 1092-1103	8	48
183	XACML Policy Evaluation with Dynamic Context Handling. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 2575-2588	4.2	4
182	Interdependent Security Risk Analysis of Hosts and Flows. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 2325-2339	8	17
181	In the shadows we trust: A secure aggregation tolerant watermark for data streams **2015**,		6
180	Building Sensor-Based Big Data Cyberinfrastructures. *IEEE Cloud Computing*, **2015**, 2, 64-69		7
179	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	3.9	109
178	Context-Based Access Control Systems for Mobile Devices. *IEEE Transactions on Dependable and Secure Computing*, **2015**, 12, 150-163	3.9	42
177	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	3.9	38
176	Marlin: Mitigating Code Reuse Attacks Using Code Randomization. *IEEE Transactions on Dependable and Secure Computing*, **2015**, 12, 326-337	3.9	10
175	Adaptive Trust Update Frequency in MANETs **2015**,		1
174	Adaptive Trust Threshold Strategy for Misbehaving Node Detection and Isolation **2015**,		3
173	A Collaborative Reputation System Based on Credibility Propagation in WSNs **2015**,		4

172	Effective Key Management in Dynamic Wireless Sensor Networks. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 371-383	8	100
171	Scalable end-to-end security for advanced metering infrastructures. *Information Systems*, **2015**, 53, 213-223	2.7	13
170	Big Data for Open Digital Innovation A Research Roadmap. *Big Data Research*, **2015**, 2, 53-58	3.7	39
169	A formal proximity model for RBAC systems. *Computers and Security*, **2014**, 41, 52-67	4.9	12
168	Secure kNN Query Processing in Untrusted Cloud Environments. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2818-2831	4.2	42
167	. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 1591-1601	4.2	19
166	Private Searching on Streaming Data Based on Keyword Frequency. *IEEE Transactions on Dependable and Secure Computing*, **2014**, 11, 155-167	3.9	10
165	Practical k nearest neighbor queries with location privacy **2014**,		41
164	Privacy Preserving Delegated Access Control in Public Clouds. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2268-2280	4.2	32
163	A roadmap for privacy-enhanced secure data provenance. *Journal of Intelligent Information Systems*, **2014**, 43, 481-501	2.1	21
162	Building access control policy model for privacy preserving and testing policy conflicting problems. *Journal of Computer and System Sciences*, **2014**, 80, 1493-1503	1	35
161	Robust Multi-Factor Authentication for Fragile Communications. *IEEE Transactions on Dependable and Secure Computing*, **2014**, 11, 568-581	3.9	85
160	Representation and querying of unfair evaluations in social rating systems. *Computers and Security*, **2014**, 41, 68-88	4.9	13
159	Fine-grained analysis of packet losses in wireless sensor networks **2014**,		6
158	Privacy-Preserving Assessment of Social Network Data Trustworthiness. *International Journal of Cooperative Information Systems*, **2014**, 23, 1441004	0.6	3
157	Secure data provenance compression using arithmetic coding in wireless sensor networks **2014**,		20
156	An Efficient Certificateless Encryption for Secure Data Sharing in Public Clouds. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2107-2119	4.2	50
155	Detecting mobile malware threats to homeland security through static analysis. *Journal of Network and Computer Applications*, **2014**, 38, 43-53	7.9	84

154	Secure Provenance Transmission for Streaming Data. *IEEE Transactions on Knowledge and Data Engineering*, **2013**, 25, 1890-1903	4.2	36
153	Agent-based accountable grid computing systems. *Journal of Supercomputing*, **2013**, 65, 903-929	2.5	
152	Privacy-preserving authentication of trees and graphs. *International Journal of Information Security*, **2013**, 12, 467-494	2.8	28
151	Encryption key management for secure communication in smart advanced metering infrastructures **2013**,		5
150	Security-Aware Service Composition with Fine-Grained Information Flow Control. *IEEE Transactions on Services Computing*, **2013**, 6, 330-343	4.8	20
149	Multi-route query processing and optimization. *Journal of Computer and System Sciences*, **2013**, 79, 312-329	1.2	16
148	Collaboration in multicloud computing environments: Framework and security issues. *Computer*, **2013**, 46, 76-84	1.6	74
147	A Similarity Measure for Comparing XACML Policies. *IEEE Transactions on Knowledge and Data Engineering*, **2013**, 25, 1946-1959	4.2	21
146	Multiparty privacy protection for electronic health records **2013**,		1
145	Single-Database Private Information Retrieval from Fully Homomorphic Encryption. *IEEE Transactions on Knowledge and Data Engineering*, **2013**, 25, 1125-1134	4.2	46
144	Efficient Privacy-Aware Record Integration **2013**, 167-178		30
143	Quality Control in Crowdsourcing Systems: Issues and Directions. *IEEE Internet Computing*, **2013**, 17, 76-81	2.4	224
142	Trusted Identities in Cyberspace. *IEEE Internet Computing*, **2012**, 16, 3-6	2.4	2
141	Modeling the Risk & Utility of Information Sharing in Social Networks **2012**,		2
140	A Hybrid Approach to Private Record Matching. *IEEE Transactions on Dependable and Secure Computing*, **2012**, 9, 684-698	3.9	8
139	Using automated individual white-list to protect web digital identities. *Expert Systems With Applications*, **2012**, 39, 11861-11869	7.8	32
138	Defending against insider threats and internal data leakage. *Security and Communication Networks*, **2012**, 5, 831-833	1.9	1
137	Preserving privacy of feedback providers in decentralized reputation systems. *Computers and Security*, **2012**, 31, 816-826	4.9	31

136	A Game-Theoretic Approach for High-Assurance of Data Trustworthiness in Sensor Networks **2012**,		24
135	Privacy-Preserving and Content-Protecting Location Based Queries **2012**,		22
134	Authentication and key management for Advanced Metering Infrastructures utilizing physically unclonable functions **2012**,		36
133	A role-involved purpose-based access control model. *Information Systems Frontiers*, **2012**, 14, 809-822	4	29
132	ACM/Springer Mobile Networks and Applications (MONET) Special Issue on Collaborative Computing: Networking, Applications and Worksharing *Mobile Networks and Applications*, **2012**, 17, 325-326	2.9	1
131	Privacy preserving delegated access control in the storage as a service model **2012**,		11
130	Resilient Authenticated Execution of Critical Applications in Untrusted Environments. *IEEE Transactions on Dependable and Secure Computing*, **2012**, 9, 597-609	3.9	4
129	Reputation Management in Crowdsourcing Systems **2012**,		31
128	Privacy-Preserving Enforcement of Spatially Aware RBAC. *IEEE Transactions on Dependable and Secure Computing*, **2011**,	3.9	4
127	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	37
126	Trust establishment in the formation of Virtual Organizations. *Computer Standards and Interfaces*, **2011**, 33, 13-23	3.5	7
125	Approximate and exact hybrid algorithms for private nearest-neighbor queries with database protection. *GeoInformatica*, **2011**, 15, 699-726	2.5	27
124	Efficient systematic clustering method for k-anonymization. *Acta Informatica*, **2011**, 48, 51-66	0.9	52
123	A conditional purpose-based access control model with dynamic roles. *Expert Systems With Applications*, **2011**, 38, 1482-1489	7.8	39
122	A Conditional Role-Involved Purpose-Based Access Control Model. *Journal of Organizational Computing and Electronic Commerce*, **2011**, 21, 71-91	1.8	10
121	Detection and Protection against Distributed Denial of Service Attacks in Accountable Grid Computing Systems **2011**,		2
120	On the Complexity of Authorization in RBAC under Qualification and Security Constraints. *IEEE Transactions on Dependable and Secure Computing*, **2011**, 8, 883-897	3.9	19
119	A New Class of Buffer Overflow Attacks **2011**,		2

118	Design and Implementation of an Intrusion Response System for Relational Databases. *IEEE Transactions on Knowledge and Data Engineering*, **2011**, 23, 875-888	4.2	22
117	Fine-grained integration of access control policies. *Computers and Security*, **2011**, 30, 91-107	4.9	18
116	Fine-Grained Cloaking of Sensitive Positions in Location-Sharing Applications. *IEEE Pervasive Computing*, **2011**, 10, 64-72	1.3	40
115	. *IEEE Transactions on Parallel and Distributed Systems*, **2010**, 21, 1473-1486	3.7	7
114	Access Control for Databases: Concepts and Systems. *Foundations and Trends in Databases*, **2010**, 3, 1-148	4	29
113	Guest Editors' Introduction: Data Quality in the Internet Era. *IEEE Internet Computing*, **2010**, 14, 11-13	2.4	8
112	Privacy-Aware Location-Aided Routing in Mobile Ad Hoc Networks **2010**,		6
111	EXAM: a comprehensive environment for the analysis of access control policies. *International Journal of Information Security*, **2010**, 9, 253-273	2.8	43
110	A General Framework for Web Content Filtering. *World Wide Web*, **2010**, 13, 215-249	2.9	9
109	Security and Communication Networks (SCN), Wiley Online Library Special Issue on Defending Against Insider Threats and Internal Data Leakage http://wileyonlinelibrary.com/journal/sec. *Security and Communication Networks*, **2010**, 3, 355-356	1.9	
108	TIAMAT. *Proceedings of the VLDB Endowment*, **2009**, 2, 1618-1621	3.1	13
107	Privacy-preserving incremental data dissemination. *Journal of Computer Security*, **2009**, 17, 43-68	0.8	20
106	Tagging stream data for rich real-time services. *Proceedings of the VLDB Endowment*, **2009**, 2, 73-84	3.1	6
105	Privacy-Aware Role-Based Access Control. *IEEE Security and Privacy*, **2009**, 7, 35-43	2	43
104	A distributed approach to enabling privacy-preserving model-based classifier training. *Knowledge and Information Systems*, **2009**, 20, 157-185	2.4	7
103	A comprehensive simulation tool for the analysis of password policies. *International Journal of Information Security*, **2009**, 8, 275-289	2.8	13
102	Minimal credential disclosure in trust negotiations. *Identity in the Information Society*, **2009**, 2, 221-239		4
101	Visualization for Access Control Policy Analysis Results Using Multi-level Grids **2009**,		5

100	Improving Scalability of Software Cloud for Composite Web Services **2009**,		12
99	Using Anonymized Data for Classification. *Proceedings - International Conference on Data Engineering*, **2009**,	2	40
98	Security Analysis of the SASI Protocol. *IEEE Transactions on Dependable and Secure Computing*, **2009**, 6, 73-77	3.9	44
97	The Design and Evaluation of Accountable Grid Computing System **2009**,		11
96	A risk management approach to RBAC. *Risk and Decision Analysis*, **2009**, 1, 21-33	0.2	17
95	Privacy-preserving techniques for location-based services. *SIGSPATIAL Special*, **2009**, 1, 2-3	2.3	2
94	Watermarking Relational Databases Using Optimization-Based Techniques. *IEEE Transactions on Knowledge and Data Engineering*, **2008**, 20, 116-129	4.2	71
93	Anonymous Geo-Forwarding in MANETs through Location Cloaking. *IEEE Transactions on Parallel and Distributed Systems*, **2008**, 19, 1297-1309	3.7	20
92	Policy Mapper: Administering Location-Based Access-Control Policies. *IEEE Internet Computing*, **2008**, 12, 38-45	2.4	8
91	Context-Aware Adaptation of Access-Control Policies. *IEEE Internet Computing*, **2008**, 12, 51-54	2.4	5
90	Automatic Compliance of Privacy Policies in Federated Digital Identity Management **2008**,		6
89	XACML Policy Integration Algorithms. *ACM Transactions on Information and System Security*, **2008**, 11, 1-29		47
88	Efficient and Secure Content Processing and Distribution by Cooperative Intermediaries. *IEEE Transactions on Parallel and Distributed Systems*, **2008**, 19, 615-626	3.7	5
87	Privately Updating Suppression and Generalization based k-Anonymous Databases **2008**,		1
86	Continuous Intersection Joins Over Moving Objects **2008**,		23
85	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		12
84	A Policy-Based Accountability Tool for Grid Computing Systems **2008**,		4
83	A Hybrid Approach to Private Record Linkage **2008**,		57

82	Secure Delta-Publishing of XML Content **2008**,		4
81	Structural signatures for tree data structures. *Proceedings of the VLDB Endowment*, **2008**, 1, 138-150	3.1	42
80	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**,		4
79	An Efficient Time-Bound Hierarchical Key Management Scheme for Secure Broadcasting. *IEEE Transactions on Dependable and Secure Computing*, **2008**, 5, 65-70	3.9	48
78	Spatial Domains for the Administration of Location-based Access Control Policies. *Journal of Network and Systems Management*, **2008**, 16, 277-302	2.1	7
77	Measuring the structural similarity among XML documents and DTDs. *Journal of Intelligent Information Systems*, **2008**, 30, 55-92	2.1	12
76	Detecting anomalous access patterns in relational databases. *VLDB Journal*, **2008**, 17, 1063-1077	3.9	119
75	Semantics-aware Obfuscation for Location Privacy. *Journal of Computing Science and Engineering*, **2008**, 2, 137-160	1.8	6
74	A Policy-Based Authorization Framework for Web Services: Integrating XGTRBAC and WS-Policy **2007**,		4
73	A dynamic key management solution to access hierarchy. *International Journal of Network Management*, **2007**, 17, 437-450	1.8	4
72	A system for securing push-based distribution of XML documents. *International Journal of Information Security*, **2007**, 6, 255-284	2.8	3
71	Modeling and language support for the management of pattern-bases. *Data and Knowledge Engineering*, **2007**, 62, 368-397	1.5	15
70	An approach to evaluate policy similarity **2007**,		40
69	A Critique of the ANSI Standard on Role-Based Access Control. *IEEE Security and Privacy*, **2007**, 5, 41-49	2	34
68	An integrated approach to federated identity and privilege management in open systems. *Communications of the ACM*, **2007**, 50, 81-87	2.5	103
67	Privacy preserving multi-factor authentication with biometrics. *Journal of Computer Security*, **2007**, 15, 529-560	0.8	68
66	Trust Negotiation in Identity Management. *IEEE Security and Privacy*, **2007**, 5, 55-63	2	44
65	An Analysis Study on Zone-Based Anonymous Communication in Mobile Ad Hoc Networks. *IEEE Transactions on Dependable and Secure Computing*, **2007**, 4, 252-265	3.9	16

64	XACML Function Annotations **2007**,		4
63	A structure preserving approach for securing XML documents **2007**,		1
62	Supporting Robust and Secure Interactions in Open Domains through Recovery of Trust Negotiations **2007**,		8
61	Network and information systems security. *Annales Des Telecommunications/Annals of Telecommunications*, **2006**, 61, 242-244	2	
60	Access Control and Authorization Constraints for WS-BPEL **2006**,		34
59	Establishing and protecting digital identity in federation systems. *Journal of Computer Security*, **2006**, 14, 269-300	0.8	28
58	Micro-views, or on how to protect privacy while enhancing data usability. *SIGMOD Record*, **2006**, 35, 9-13	1.1	24
57	Workflow authorisation in mediator-free environments. *International Journal of Security and Networks*, **2006**, 1, 2	0.5	10
56	Ws-AC: A Fine Grained Access Control System for Web Services. *World Wide Web*, **2006**, 9, 143-171	2.9	19
55	Towards structure discovering in video data. *Journal of Experimental and Theoretical Artificial Intelligence*, **2005**, 17, 5-18	2	2
54	The Indiana Center for Database Systems at Purdue University. *SIGMOD Record*, **2005**, 34, 53-58	1.1	2
53	A Framework for Evaluating Privacy Preserving Data Mining Algorithms*. *Data Mining and Knowledge Discovery*, **2005**, 11, 121-154	5.6	93
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