

# Josep Domingo-Ferrer

## List of Publications by Year in descending order

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Version: 2024-02-01

216  
papers

6,528  
citations

66343

42  
h-index

88630

70  
g-index

234  
all docs

234  
docs citations

234  
times ranked

3894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circuit-Free General-Purpose Multi-Party Computation via Co-Utile Unlinkable Outsourcing. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 539-550.	5.4	0
2	Explaining predictions and attacks in federated learning via random forests. Applied Intelligence, 2023, 53, 169-185.	5.3	6
3	A Critical Review on the Use (and Misuse) of Differential Privacy in Machine Learning. ACM Computing Surveys, 2023, 55, 1-16.	23.0	10
4	Secure and Privacy-Preserving Federated Learning via Co-Utility. IEEE Internet of Things Journal, 2022, 9, 3988-4000.	8.7	17
5	Multi-Dimensional Randomized Response. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4933-4946.	5.7	5
6	Decentralized $\text{<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e343" altimg="si7.svg"><mml:mi>k</mml:mi></mml:math>}$ -anonymization of trajectories via privacy-preserving tit-for-tat. Computer Communications, 2022, 190, 57-68.	5.1	3
7	Differentially private publication of database streams via hybrid video coding. Knowledge-Based Systems, 2022, 247, 108778.	7.1	1
8	Explaining Image Misclassification in Deep Learning via Adversarial Examples. Lecture Notes in Computer Science, 2021, , 323-334.	1.3	3
9	Towards Machine Learning-Assisted Output Checking for Statistical Disclosure Control. Lecture Notes in Computer Science, 2021, , 335-345.	1.3	0
10	KeyNet: An Asymmetric Key-Style Framework for Watermarking Deep Learning Models. Applied Sciences (Switzerland), 2021, 11, 999.	2.5	12
11	Give more data, awareness and control to individual citizens, and they will help COVID-19 containment. Ethics and Information Technology, 2021, 23, 1-6.	3.8	33
12	The limits of differential privacy (and its misuse in data release and machine learning). Communications of the ACM, 2021, 64, 33-35.	4.5	56
13	Achieving security and privacy in federated learning systems: Survey, research challenges and future directions. Engineering Applications of Artificial Intelligence, 2021, 106, 104468.	8.1	47
14	Utility-Preserving Privacy Protection of Textual Documents via Word Embeddings. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	6
15	Lightweight Blockchain-based Platform for GDPR-Compliant Personal Data Management. , 2021, , .		9
16	$\text{<b>\hat{\mu}</b>}$ -ANT: semantic microaggregation-based anonymization tool. Bioinformatics, 2020, 36, 1652-1653.	4.1	8
17	Differentially private data publishing via cross-moment microaggregation. Information Fusion, 2020, 53, 269-288.	19.1	11
18	Ethical Value-Centric Cybersecurity: A Methodology Based on a Value Graph. Science and Engineering Ethics, 2020, 26, 1267-1285.	2.9	1

#	ARTICLE	IF	CITATIONS
19	Outsourcing analyses on privacy-protected multivariate categorical data stored in untrusted clouds. Knowledge and Information Systems, 2020, 62, 2301-2326.	3.2	1
20	Co-Utile Peer-to-Peer Decentralized Computing. , 2020, , .		4
21	Machine learning explainability via microaggregation and shallow decision trees. Knowledge-Based Systems, 2020, 194, 105532.	7.1	37
22	General Confidentiality and Utility Metrics for Privacy-Preserving Data Publishing Based on the Permutation Model. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	12
23	Explaining Misclassification and Attacks in Deep Learning via Random Forests. Lecture Notes in Computer Science, 2020, , 273-285.	1.3	4
24	ε-Differential Privacy for Microdata Releases Does Not Guarantee Confidentiality (Let Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	7
25	Efficient Detection of Byzantine Attacks in Federated Learning Using Last Layer Biases. Lecture Notes in Computer Science, 2020, , 154-165.	1.3	3
26	Detecting Bad Answers in Survey Data Through Unsupervised Machine Learning. Lecture Notes in Computer Science, 2020, , 309-320.	1.3	2
27	Privacy-Preserving Computation of the Earth Mover's Distance. Lecture Notes in Computer Science, 2020, , 409-423.	1.3	0
28	Privacy-Preserving Technologies. The International Library of Ethics, Law and Technology, 2020, , 279-297.	0.4	8
29	Fair Detection of Poisoning Attacks in Federated Learning. , 2020, , .		11
30	Steered Microaggregation as a Unified Primitive to Anonymize Data Sets and Data Streams. IEEE Transactions on Information Forensics and Security, 2019, 14, 3298-3311.	6.9	14
31	Privacy-preserving cloud computing on sensitive data: A survey of methods, products and challenges. Computer Communications, 2019, 140-141, 38-60.	5.1	95
32	Automatic Anonymization of Textual Documents: Detecting Sensitive Information via Word Embeddings. , 2019, , .		11
33	Personal Big Data, GDPR and Anonymization. Lecture Notes in Computer Science, 2019, , 7-10.	1.3	4
34	Machine Learning Explainability Through Comprehensible Decision Trees. Lecture Notes in Computer Science, 2019, , 15-26.	1.3	21
35	Efficient Near-Optimal Variable-Size Microaggregation. Lecture Notes in Computer Science, 2019, , 333-345.	1.3	5
36	Mitigating the Curse of Dimensionality in Data Anonymization. Lecture Notes in Computer Science, 2019, , 346-355.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Collaborative Explanation of Deep Models with Limited Interaction for Trade Secret and Privacy Preservation. , 2019, , .		1
38	18th Workshop on Privacy in the Electronic Society (WPES 2019). , 2019, , .		0
39	Co-utile disclosure of private data in social networks. Information Sciences, 2018, 441, 50-65.	6.9	6
40	Differentially private data publishing via optimal univariate microaggregation and record perturbation. Knowledge-Based Systems, 2018, 153, 78-90.	7.1	11
41	Efficient privacy-preserving implicit authentication. Computer Communications, 2018, 125, 13-23.	5.1	4
42	Outsourcing scalar products and matrix products on privacy-protected unencrypted data stored in untrusted clouds. Information Sciences, 2018, 436-437, 320-342.	6.9	13
43	Dynamic group size accreditation and group discounts preserving anonymity. International Journal of Information Security, 2018, 17, 243-260.	3.4	1
44	Anonymous and secure aggregation scheme in fog-based public cloud computing. Future Generation Computer Systems, 2018, 78, 712-719.	7.5	127
45	Multiparty Computation with Statistical Input Confidentiality via Randomized Response. Lecture Notes in Computer Science, 2018, , 175-186.	1.3	2
46	Some Basics on Privacy Techniques, Anonymization and their Big Data Challenges. Mathematics in Computer Science, 2018, 12, 263-274.	0.4	26
47	Privacy-Preserving and Co-utile Distributed Social Credit. Lecture Notes in Computer Science, 2018, , 371-382.	1.3	1
48	On the Privacy Guarantees of Synthetic Data: A Reassessment from the Maximum-Knowledge Attacker Perspective. Lecture Notes in Computer Science, 2018, , 59-74.	1.3	21
49	Incentive-Based Co-utility: Co-utile Reputation Management. Studies in Systems, Decision and Control, 2018, , 17-32.	1.0	0
50	Co-utile Ridesharing. Studies in Systems, Decision and Control, 2018, , 117-138.	1.0	1
51	Co-utility: Designing Self-enforcing and Mutually Beneficial Protocols. Studies in Systems, Decision and Control, 2018, , 3-15.	1.0	0
52	Co-utile Enforcement of Digital Oblivion. Studies in Systems, Decision and Control, 2018, , 71-85.	1.0	0
53	Co-utile P2P Anonymous Keyword Search. Studies in Systems, Decision and Control, 2018, , 51-70.	1.0	2
54	Self-enforcing Collaborative Anonymization via Co-utility. Studies in Systems, Decision and Control, 2018, , 139-151.	1.0	1

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55	Co-utile Privacy-Aware P2P Content Distribution. Studies in Systems, Decision and Control, 2018, , 87-116.	1.0	0
56	Big Data Anonymization Requirements vs Privacy Models. , 2018, , .		0
57	Microaggregation. , 2018, , 2254-2255.		0
58	Big Data Anonymization Requirements vs Privacy Models. , 2018, , .		1
59	A co-utility approach to the mesh economy: the crowd-based business model. Review of Managerial Science, 2017, 11, 411-442.	7.1	21
60	Co-Utility: Self-Enforcing protocols for the mutual benefit of participants. Engineering Applications of Artificial Intelligence, 2017, 59, 148-158.	8.1	32
61	Individual Differential Privacy: A Utility-Preserving Formulation of Differential Privacy Guarantees. IEEE Transactions on Information Forensics and Security, 2017, 12, 1418-1429.	6.9	100
62	Distributed Aggregate Privacy-Preserving Authentication in VANETs. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 516-526.	8.0	221
63	Steered Microaggregation: A Unified Primitive for Anonymization of Data Sets and Data Streams. , 2017, , .		8
64	Factor Analysis for Anonymization. , 2017, , .		0
65	A Non-Parametric Model for Accurate and Provably Private Synthetic Data Sets. , 2017, , .		1
66	Beyond Informed Consentâ€”Investigating Ethical Justifications for Disclosing, Donating or Sharing Personal Data in Research. Philosophical Studies Series, 2017, , 193-207.	1.9	5
67	Local synthesis for disclosure limitation that satisfies probabilistic -anonymity criterion. Transactions on Data Privacy, 2017, 10, 61-81.	1.0	2
68	Co-utility for digital content protection and digital forgetting. , 2016, , .		3
69	Intrusion Detection and Attack Tolerance for Cloud Environments: The CLARUS Approach. , 2016, , .		8
70	New directions in anonymization: Permutation paradigm, verifiability by subjects and intruders, transparency to users. Information Sciences, 2016, 337-338, 11-24.	6.9	26
71	Co-utile P2P ridesharing via decentralization and reputation management. Transportation Research Part C: Emerging Technologies, 2016, 73, 147-166.	7.6	50
72	Privacy-Preserving Cloud-Based Statistical Analyses on Sensitive Categorical Data. Lecture Notes in Computer Science, 2016, , 227-238.	1.3	4

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73	Self-enforcing protocols via co-utile reputation management. Information Sciences, 2016, 367-368, 159-175.	6.9	23
74	t-closeness through microaggregation: Strict privacy with enhanced utility preservation. , 2016, , .		8
75	Comment on "Unique in the shopping mall: On the reidentifiability of credit card metadata" Science, 2016, 351, 1274-1274.	12.6	20
76	Co-utility. Progress in Artificial Intelligence, 2016, 5, 105-110.	2.4	18
77	Privacy-aware loyalty programs. Computer Communications, 2016, 82, 83-94.	5.1	6
78	Utility-preserving differentially private data releases via individual ranking microaggregation. Information Fusion, 2016, 30, 1-14.	19.1	46
79	Big Data Privacy: Challenges to Privacy Principles and Models. Data Science and Engineering, 2016, 1, 21-28.	6.4	76
80	Privacy-Preserving Vehicular Communication Authentication with Hierarchical Aggregation and Fast Response. IEEE Transactions on Computers, 2016, 65, 2562-2574.	3.4	97
81	Contributory Broadcast Encryption with Efficient Encryption and Short Ciphertexts. IEEE Transactions on Computers, 2016, 65, 466-479.	3.4	36
82	Rank-Based Record Linkage for Re-Identification Risk Assessment. Lecture Notes in Computer Science, 2016, , 225-236.	1.3	6
83	Flexible and Robust Privacy-Preserving Implicit Authentication. IFIP Advances in Information and Communication Technology, 2015, , 18-34.	0.7	8
84	Generating Searchable Public-Key Ciphertexts With Hidden Structures for Fast Keyword Search. IEEE Transactions on Information Forensics and Security, 2015, 10, 1993-2006.	6.9	45
85	Selected Privacy Research Topics in the ARES Project: An Overview. Studies in Computational Intelligence, 2015, , 15-25.	0.9	3
86	t-Closeness through Microaggregation: Strict Privacy with Enhanced Utility Preservation. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3098-3110.	5.7	81
87	Disclosure risk assessment via record linkage by a maximum-knowledge attacker. , 2015, , .		20
88	Privacy-preserving distributed statistical computation to a semi-honest multi-cloud. , 2015, , .		5
89	Co-utility: Self-enforcing protocols without coordination mechanisms. , 2015, , .		11
90	Co-utility: Conciliating Individual Freedom and Common Good in the Crowd Based Business Model. , 2015, , .		4

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91	Flexible attribute-based encryption applicable to secure e-healthcare records. International Journal of Information Security, 2015, 14, 499-511.	3.4	37
92	Round-Efficient and Sender-Unrestricted Dynamic Group Key Agreement Protocol for Secure Group Communications. IEEE Transactions on Information Forensics and Security, 2015, 10, 2352-2364.	6.9	51
93	Database Privacy. Computer Communications and Networks, 2015, , 9-35.	0.8	3
94	Practical secure and privacy-preserving scheme for value-added applications in VANETs. Computer Communications, 2015, 71, 50-60.	5.1	49
95	TPP: Traceable Privacy-Preserving Communication and Precise Reward for Vehicle-to-Grid Networks in Smart Grids. IEEE Transactions on Information Forensics and Security, 2015, 10, 2340-2351.	6.9	66
96	Semantic variance: An intuitive measure for ontology accuracy evaluation. Engineering Applications of Artificial Intelligence, 2015, 39, 89-99.	8.1	30
97	A k-anonymous approach to privacy preserving collaborative filtering. Journal of Computer and System Sciences, 2015, 81, 1000-1011.	1.2	85
98	Discrimination- and privacy-aware patterns. Data Mining and Knowledge Discovery, 2015, 29, 1733-1782.	3.7	65
99	From t-closeness to differential privacy and vice versa in data anonymization. Knowledge-Based Systems, 2015, 74, 151-158.	7.1	49
100	Group Discounts Compatible with Buyer Privacy. Lecture Notes in Computer Science, 2015, , 47-57.	1.3	1
101	Co-utile Collaborative Anonymization of Microdata. Lecture Notes in Computer Science, 2015, , 192-206.	1.3	16
102	Data Anonymization. Lecture Notes in Computer Science, 2015, , 267-271.	1.3	1
103	Improving the Utility of Differential Privacy via Univariate Microaggregation. Lecture Notes in Computer Science, 2014, , 130-142.	1.3	7
104	Secure One-to-Group Communications Escrow-Free ID-Based Asymmetric Group Key Agreement. Lecture Notes in Computer Science, 2014, , 239-254.	1.3	3
105	Fair pattern discovery. , 2014, , .		3
106	Privacy-aware peer-to-peer content distribution using automatically recombined fingerprints. Multimedia Systems, 2014, 20, 105-125.	4.7	22
107	Enhancing data utility in differential privacy via microaggregation-based $k$ -anonymity. VLDB Journal, 2014, 23, 771-794.	4.1	129
108	Generalization-based privacy preservation and discrimination prevention in data publishing and mining. Data Mining and Knowledge Discovery, 2014, 28, 1158-1188.	3.7	51

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109	Identity-based remote data possession checking in public clouds. IET Information Security, 2014, 8, 114-121.	1.7	137
110	Security in wireless ad-hoc networks – A survey. Computer Communications, 2014, 51, 1-20.	5.1	132
111	Signatures in hierarchical certificateless cryptography: Efficient constructions and provable security. Information Sciences, 2014, 272, 223-237.	6.9	9
112	Ciphertext-policy hierarchical attribute-based encryption with short ciphertexts. Information Sciences, 2014, 275, 370-384.	6.9	113
113	FRR: Fair remote retrieval of outsourced private medical records in electronic health networks. Journal of Biomedical Informatics, 2014, 50, 226-233.	4.3	39
114	Tracing and revoking leaked credentials. , 2014, , .		18
115	Reverse Mapping to Preserve the Marginal Distributions of Attributes in Masked Microdata. Lecture Notes in Computer Science, 2014, , 105-116.	1.3	13
116	Privacy-Preserving Trust Management Mechanisms from Private Matching Schemes. Lecture Notes in Computer Science, 2014, , 390-398.	1.3	2
117	Distance Computation between Two Private Preference Functions. IFIP Advances in Information and Communication Technology, 2014, , 460-470.	0.7	2
118	A Provably Secure Ring Signature Scheme with Bounded Leakage Resilience. Lecture Notes in Computer Science, 2014, , 388-402.	1.3	2
119	Microaggregation. , 2014, , 1-2.		0
120	DNA-inspired anonymous fingerprinting for efficient peer-to-peer content distribution. , 2013, , .		8
121	A Methodology for Direct and Indirect Discrimination Prevention in Data Mining. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1445-1459.	5.7	185
122	Anonymization of nominal data based on semantic marginality. Information Sciences, 2013, 242, 35-48.	6.9	48
123	Improving the Utility of Differentially Private Data Releases via k-Anonymity. , 2013, , .		24
124	Simultaneous authentication and secrecy in identity-based data upload to cloud. Cluster Computing, 2013, 16, 845-859.	5.0	14
125	A Generic Construction of Proxy Signatures from Certificateless Signatures. , 2013, , .		0
126	Distributed multicast of fingerprinted content based on a rational peer-to-peer community. Computer Communications, 2013, 36, 542-550.	5.1	23



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127	Optimal data-independent noise for differential privacy. Information Sciences, 2013, 250, 200-214.	6.9	56
128	On the privacy offered by $(k, \hat{\Gamma})$ -anonymity. Information Systems, 2013, 38, 491-494.	3.6	33
129	Fast transmission to remote cooperative groups: A new key management paradigm. IEEE/ACM Transactions on Networking, 2013, 21, 621-633.	3.8	32
130	Differential privacy via t-closeness in data publishing. , 2013, , .		31
131	Privacy Preserving Collaborative Filtering with k-Anonymity through Microaggregation. , 2013, , .		11
132	Direct and Indirect Discrimination Prevention Methods. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2013, , 241-254.	0.3	10
133	Facility Location and Social Choice via Microaggregation. Lecture Notes in Computer Science, 2013, , 49-57.	1.3	0
134	Probabilistic k-anonymity through microaggregation and data swapping. , 2012, , .		35
135	Query Profile Obfuscation by Means of Optimal Query Exchange Between Users. IEEE Transactions on Dependable and Secure Computing, 2012, , .	5.4	15
136	Differential Privacy through Knowledge Refinement. , 2012, , .		1
137	An Improved Binary Authentication Tree Algorithm for Vehicular Networks. , 2012, , .		5
138	A Study on the Impact of Data Anonymization on Anti-discrimination. , 2012, , .		8
139	Injecting Discrimination and Privacy Awareness Into Pattern Discovery. , 2012, , .		14
140	Predictive protocol for the scalable identification of RFID tags through collaborative readers. Computers in Industry, 2012, 63, 557-573.	9.9	12
141	A New Identity Based Signcryption Scheme in the Standard Model. , 2012, , .		4
142	SENSITIVITY-INDEPENDENT DIFFERENTIAL PRIVACY VIA PRIOR KNOWLEDGE REFINEMENT. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 855-876.	1.9	3
143	Asymmetric homomorphisms for secure aggregation in heterogeneous scenarios. Information Fusion, 2012, 13, 285-295.	19.1	13
144	Rational behavior in peer-to-peer profile obfuscation for anonymous keyword search. Information Sciences, 2012, 185, 191-204.	6.9	18

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145	Rational behavior in peer-to-peer profile obfuscation for anonymous keyword search: The multi-hop scenario. Information Sciences, 2012, 200, 123-134.	6.9	7
146	Microaggregation- and permutation-based anonymization of movement data. Information Sciences, 2012, 208, 55-80.	6.9	64
147	Provably secure threshold public-key encryption with adaptive security and short ciphertexts. Information Sciences, 2012, 210, 67-80.	6.9	20
148	Marginality: A Numerical Mapping for Enhanced Exploitation of Taxonomic Attributes. Lecture Notes in Computer Science, 2012, , 367-381.	1.3	6
149	Practical Privacy for Value-Added Applications in Vehicular Ad Hoc Networks. Lecture Notes in Computer Science, 2012, , 43-56.	1.3	4
150	Hybrid Microdata via Model-Based Clustering. Lecture Notes in Computer Science, 2012, , 103-115.	1.3	2
151	Anonymization Methods for Taxonomic Microdata. Lecture Notes in Computer Science, 2012, , 90-102.	1.3	1
152	Discrimination prevention in data mining for intrusion and crime detection. , 2011, , .		38
153	Distributed Privacy-Preserving Secure Aggregation in Vehicular Communication. , 2011, , .		7
154	Asymmetric group key agreement protocol for open networks and its application to broadcast encryption. Computer Networks, 2011, 55, 3246-3255.	5.1	17
155	A bibliometric index based on the collaboration distance between cited and citing authors. Journal of Informetrics, 2011, 5, 248-264.	2.9	40
156	Provably secure one-round identity-based authenticated asymmetric group key agreement protocol. Information Sciences, 2011, 181, 4318-4329.	6.9	51
157	Decapitation of networks with and without weights and direction: The economics of iterated attack and defense. Computer Networks, 2011, 55, 119-130.	5.1	9
158	Rational enforcement of digital oblivion. , 2011, , .		7
159	CO-CITATIONS AND RELEVANCE OF AUTHORS AND AUTHOR GROUPS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2011, 19, 127-139.	1.9	1
160	APPA: Aggregate Privacy-Preserving Authentication in Vehicular Ad Hoc Networks. Lecture Notes in Computer Science, 2011, , 293-308.	1.3	19
161	Preserving Security and Privacy in Large-Scale VANETs. Lecture Notes in Computer Science, 2011, , 121-135.	1.3	20
162	Bridging Broadcast Encryption and Group Key Agreement. Lecture Notes in Computer Science, 2011, , 143-160.	1.3	30

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163	Microdata Masking Techniques. , 2011, , 778-781.		0
164	Balanced Trustworthiness, Safety, and Privacy in Vehicle-to-Vehicle Communications. IEEE Transactions on Vehicular Technology, 2010, 59, 559-573.	6.3	170
165	A Scalable Robust Authentication Protocol for Secure Vehicular Communications. IEEE Transactions on Vehicular Technology, 2010, 59, 1606-1617.	6.3	259
166	Simulatable certificateless two-party authenticated key agreement protocol. Information Sciences, 2010, 180, 1020-1030.	6.9	65
167	Hybrid microdata using microaggregation. Information Sciences, 2010, 180, 2834-2844.	6.9	54
168	From t-Closeness-Like Privacy to Postrandomization via Information Theory. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1623-1636.	5.7	136
169	Ad hoc broadcast encryption. , 2010, , .		4
170	Privacy-preserving publication of trajectories using microaggregation. , 2010, , .		17
171	Secure compression of privacy-preserving witnesses in vehicular ad hoc networks. , 2010, , .		2
172	Hierarchical Certificateless Signatures. , 2010, , .		3
173	Identity-Based Authenticated Asymmetric Group Key Agreement Protocol. Lecture Notes in Computer Science, 2010, , 510-519.	1.3	27
174	Coprivacy: Towards a Theory of Sustainable Privacy. Lecture Notes in Computer Science, 2010, , 258-268.	1.3	19
175	Rational Privacy Disclosure in Social Networks. Lecture Notes in Computer Science, 2010, , 255-265.	1.3	14
176	Threshold Public-Key Encryption with Adaptive Security and Short Ciphertexts. Lecture Notes in Computer Science, 2010, , 62-76.	1.3	10
177	User Privacy in Web Search. Lecture Notes in Computer Science, 2010, , 3-4.	1.3	0
178	Secure Many-to-One Communications in Wireless Sensor Networks. Sensors, 2009, 9, 5324-5338.	3.8	7
179	Trustworthy Privacy-Preserving Car-Generated Announcements in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 1876-1886.	6.3	87
180	Recent progress in database privacy. Data and Knowledge Engineering, 2009, 68, 1157-1159.	3.4	12

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181	User-private information retrieval based on a peer-to-peer community. Data and Knowledge Engineering, 2009, 68, 1237-1252.	3.4	51
182	On reliability indices of communication networks. Computers and Mathematics With Applications, 2009, 58, 1433-1440.	2.7	12
183	Aggregation of Trustworthy Announcement Messages in Vehicular Ad Hoc Networks. , 2009, , .		18
184	Microaggregation. , 2009, , 1736-1737.		2
185	Secure and scalable many-to-one symbol transmission for sensor networks. Computer Communications, 2008, 31, 2408-2413.	5.1	4
186	A polynomial-time approximation to optimal multivariate microaggregation. Computers and Mathematics With Applications, 2008, 55, 714-732.	2.7	106
187	A measure of variance for hierarchical nominal attributes. Information Sciences, 2008, 178, 4644-4655.	6.9	21
188	Micro-aggregation-based heuristics for p-sensitive k-anonymity. , 2008, , .		26
189	A Critique of k-Anonymity and Some of Its Enhancements. , 2008, , .		83
190	Peer-to-Peer Private Information Retrieval. Lecture Notes in Computer Science, 2008, , 315-323.	1.3	12
191	A Genetic Approach to Multivariate Microaggregation for Database Privacy. , 2007, , .		16
192	Scalability and security in biased many-to-one communication. Computer Networks, 2007, 51, 1-13.	5.1	6
193	A distributed architecture for scalable private RFID tag identification. Computer Networks, 2007, 51, 2268-2279.	5.1	47
194	Secure many-to-one symbol transmission for implementation on smart cards. Computer Networks, 2007, 51, 2299-2307.	5.1	3
195	Multivariate Microaggregation Based Genetic Algorithms. , 2006, , .		20
196	Efficient multivariate data-oriented microaggregation. VLDB Journal, 2006, 15, 355-369.	4.1	121
197	Ordinal, Continuous and Heterogeneous k-Anonymity Through Microaggregation. Data Mining and Knowledge Discovery, 2005, 11, 195-212.	3.7	370
198	Privacy in Data Mining. Data Mining and Knowledge Discovery, 2005, 11, 117-119.	3.7	21

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199	Probabilistic Information Loss Measures in Confidentiality Protection of Continuous Microdata. Data Mining and Knowledge Discovery, 2005, 11, 181-193.	3.7	76
200	Selecting potentially relevant records using re-identification methods. New Generation Computing, 2004, 22, 239-252.	3.3	1
201	Disclosure risk assessment in statistical data protection. Journal of Computational and Applied Mathematics, 2004, 164-165, 285-293.	2.0	27
202	Fast Generation of Accurate Synthetic Microdata. Lecture Notes in Computer Science, 2004, , 298-306.	1.3	23
203	Secure Reverse Communication in a Multicast Tree. Lecture Notes in Computer Science, 2004, , 807-816.	1.3	7
204	Median-based aggregation operators for prototype construction in ordinal scales. International Journal of Intelligent Systems, 2003, 18, 633-655.	5.7	32
205	Record linkage methods for multidatabase data mining. Studies in Fuzziness and Soft Computing, 2003, , 101-132.	0.8	52
206	ON THE SECURITY OF MICROAGGREGATION WITH INDIVIDUAL RANKING: ANALYTICAL ATTACKS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 477-491.	1.9	25
207	A Provably Secure Additive and Multiplicative Privacy Homomorphism*. Lecture Notes in Computer Science, 2002, , 471-483.	1.3	134
208	LHS-Based Hybrid Microdata vs Rank Swapping and Microaggregation for Numeric Microdata Protection. Lecture Notes in Computer Science, 2002, , 153-162.	1.3	31
209	On the complexity of optimal microaggregation for statistical disclosure control. Statistical Journal of the IAOS, 2001, 18, 345-353.	0.1	129
210	Anonymous Fingerprinting Based on Committed Oblivious Transfer. Lecture Notes in Computer Science, 1999, , 43-52.	1.3	18
211	An anonymous electronic commerce scheme with an off-line authority and untrusted agents. SIGMOD Record, 1998, 27, 62-67.	1.2	0
212	Multi-application smart cards and encrypted data, processing. Future Generation Computer Systems, 1997, 13, 65-74.	7.5	11
213	Achieving rights untransferability with client-independent servers. Designs, Codes, and Cryptography, 1996, 8, 263.	1.6	1
214	Distributed user identification by zero-knowledge access rights proving. Information Processing Letters, 1991, 40, 235-239.	0.6	2
215	Secure network bootstrapping: An algorithm for authentic key exchange and digital signatures. Computers and Security, 1990, 9, 145-152.	6.0	2
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