David Rebollo-Monedero

List of Publications by Year
in descending order

46 papers	817 citations	516710 16 h-index	501196 28 g-index
47 all docs	47 docs citations	47 times ranked	640 citing authors

#	Article	IF	Citations
1	Mathematically optimized, recursive prepartitioning strategies for k-anonymous microaggregation of large-scale datasets. Expert Systems With Applications, 2020, 144, 113086.	7.6	6
2	INRISCO: INcident monitoRing in Smart COmmunities. IEEE Access, 2020, 8, 72435-72460.	4.2	8
3	Preserving empirical data utility in k-anonymous microaggregation via linear discriminant analysis. Engineering Applications of Artificial Intelligence, 2020, 94, 103787.	8.1	4
4	The Fast Maximum Distance to Average Vector (F-MDAV): An algorithm for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e393" altimg="si20.svg"><mml:mi>k</mml:mi></mml:math>-anonymous microaggregation in big data. Engineering Applications of Artificial Intelligence, 2020, 90, 103531.	8.1	14
5	Incremental <inline-formula> <tex-math notation="LaTeX">k </tex-math> </inline-formula>-Anonymous Microaggregation in Large-Scale Electronic Surveys With Optimized Scheduling. IEEE Access, 2018, 6, 60016-60044.	4.2	4
6	Does <inline-formula> <tex-math notation="LaTeX">k </tex-math> </inline-formula>-Anonymous Microaggregation Affect Machine-Learned Macrotrends?. IEEE Access, 2018, 6, 28258-28277.	4.2	17
7	Improving Opinion Analysis Through Statistical Disclosure Control in eVoting Scenarios. Lecture Notes in Computer Science, 2018, , 45-59.	1.3	0
8	p-Probabilistic k-anonymous microaggregation for the anonymization of surveys with uncertain participation. Information Sciences, 2017, 382-383, 388-414.	6.9	14
9	On web user tracking of browsing patterns for personalised advertising. International Journal of Parallel, Emergent and Distributed Systems, 2017, 32, 502-521.	1.0	4
10	Computational Improvements in Parallelized K-Anonymous Microaggregation of Large Databases. , 2017, , .		2
11	Shall I post this now? Optimized, delay-based privacy protection in social networks. Knowledge and Information Systems, 2017, 52, 113-145.	3.2	3
12	On the Anonymity Risk of Time-Varying User Profiles. Entropy, 2017, 19, 190.	2.2	1
13	You Never Surf Alone. Ubiquitous Tracking of Usersâ€™ Browsing Habits. Lecture Notes in Computer Science, 2016, , 273-280.	1.3	1
14	On Web user tracking: How third-party http requests track users' browsing patterns for personalised advertising. , 2016, , .		6
15	k-Anonymous microaggregation with preservation of statistical dependence. Information Sciences, 2016, 342, 1-23.	6.9	8
16	Entropy-Based Privacy against Profiling of User Mobility. Entropy, 2015, 17, 3913-3946.	2.2	13
17	Potential Mass Surveillance and Privacy Violations in Proximity-Based Social Applications. , 2015, , .		1
18	On content-based recommendation and user privacy in social-tagging systems. Computer Standards and Interfaces, 2015, 41, 17-27.	5.4	55

#	Article	IF	Citations
19	Privacy in Vehicular Ad Hoc Networks. Computer Communications and Networks, 2015, , 167-187.	0.8	2
20	Privacy-Enhancing Technologies and Metrics in Personalized Information Systems. Studies in Computational Intelligence, 2015, , 423-442.	0.9	3
21	A Multimetric, Map-Aware Routing Protocol for VANETs in Urban Areas. Sensors, 2014, 14, 2199-2224.	3.8	39
22	Reconciling privacy and efficient utility management in smart cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 94-108.	3.9	18
23	Optimal Forgery and Suppression of Ratings for Privacy Enhancement in Recommendation Systems. Entropy, 2014, 16, 1586-1631.	2.2	22
24	Optimizing the design parameters of threshold pool mixes for anonymity and delay. Computer Networks, 2014, 67, 180-200.	5.1	9
25	On collaborative anonymous communications in lossy networks. Security and Communication Networks, 2014, 7, 2761-2777.	1.5	7
26	Measuring the privacy of user profiles in personalized information systems. Future Generation Computer Systems, 2014, 33, 53-63.	7.5	57
27	Privacy-Preserving Enhanced Collaborative Tagging. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 180-193.	5.7	31
28	A collaborative protocol for anonymous reporting in vehicular ad hoc networks. Computer Standards and Interfaces, 2013, 36, 188-197.	5.4	19
29	A modification of the Lloyd algorithm for k-anonymous quantization. Information Sciences, 2013, 222, 185-202.	6.9	23
30	A modification of the k-means method for quasi-unsupervised learning. Knowledge-Based Systems, 2013, 37, 176-185.	7.1	6
31	On the measurement of privacy as an attackerâ€™s estimation error. International Journal of Information Security, 2013, 12, 129-149.	3.4	31
32	Query Profile Obfuscation by Means of Optimal Query Exchange Between Users. IEEE Transactions on Dependable and Secure Computing, 2012, , .	5.4	15
33	Optimal tag suppression for privacy protection in the semantic Web. Data and Knowledge Engineering, 2012, 81-82, 46-66.	3.4	18
34	A Privacy-Protecting Architecture for Collaborative Filtering via Forgery and Suppression of Ratings. Lecture Notes in Computer Science, 2012, , 42-57.	1.3	13
35	An algorithm for k-anonymous microaggregation and clustering inspired by the design of distortion-optimized quantizers. Data and Knowledge Engineering, 2011, 70, 892-921.	3.4	22
36	Optimized Query Forgery for Private Information Retrieval. IEEE Transactions on Information Theory, 2010, 56, 4631-4642.	2.4	52

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37	Private location-based information retrieval through user collaboration. Computer Communications, 2010, 33, 762-774.	5.1	40
38	From t-Closeness-Like Privacy to Postrandomization via Information Theory. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1623-1636.	5.7	136
39	Private Location-Based Information Retrieval via k-Anonymous Clustering. , 2010, , 421-430.		2
40	A Privacy-Preserving Architecture for the Semantic Web Based on Tag Suppression. Lecture Notes in Computer Science, 2010, , 58-68.	1.3	12
41	Measuring risk and utility of anonymized data using information theory. , 2009, , .		14
42	Quantization for Distributed Source Coding. , 2009, , 61-88.		2
43	From t-Closeness to PRAM and Noise Addition Via Information Theory. Lecture Notes in Computer Science, 2008, , 100-112.	1.3	15
44	Network Distributed Quantization. , 2007, , .		4
45	High-Rate Analysis of Systematic Lossy Error Protection of a Predictively Encoded Source. , 2007, , .		6
46	High-rate quantization and transform coding with side information at the decoder. Signal Processing, 2006, 86, 3160-3179.	3.7	31