Jordi CastellÃ -Roca

List of Publications by Year
in descending order

59	737	623734	580821
papers	citations	14	25
		h-index	g-index

62	62	62	420
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	h(k)−private information retrieval from privacy−uncooperative queryable databases. Online Information Review, 2009, 33, 720-744.	3.2	88
2	Preserving user's privacy in web search engines. Computer Communications, 2009, 32, 1541-1551.	5.1	65
3	On the Security of Noise Addition for Privacy in Statistical Databases. Lecture Notes in Computer Science, 2004, , 149-161.	1.3	49
4	Knowledge-based scheme to create privacy-preserving but semantically-related queries for web search engines. Information Sciences, 2013, 218, 17-30.	6.9	49
5	User k-anonymity for privacy preserving data mining of query logs. Information Processing and Management, 2012, 48, 476-487.	8.6	43
6	Using social networks to distort users' profiles generated by web search engines. Computer Networks, 2010, 54, 1343-1357.	5.1	34
7	Preventing automatic user profiling in Web 2.0 applications. Knowledge-Based Systems, 2012, 36, 191-205.	7.1	32
8	Utility preserving query log anonymization via semantic microaggregation. Information Sciences, 2013, 242, 49-63.	6.9	32
9	A secure e-exam management system. , 2006, , .		30
10	Exploiting social networks to provide privacy in personalized web search. Journal of Systems and Software, 2011, 84, 1734-1745.	4.5	27
11	A survey of electronic ticketing applied to transport. Computers and Security, 2012, 31, 925-939.	6.0	25
12	Efficient group signatures for privacy-preserving vehicular networks. Telecommunication Systems, 2015, 58, 293-311.	2.5	19
13	A Secure Automatic Fare Collection System for Time-Based or Distance-Based Services with Revocable Anonymity for Users. Computer Journal, 2013, 56, 1198-1215.	2.4	14
14	Distributed system for private web search with untrusted partners. Computer Networks, 2014, 67, 26-42.	5.1	14
15	Multi-party Private Web Search with Untrusted Partners. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 261-280.	0.3	14
16	A Secure E-Ticketing Scheme for Mobile Devices with Near Field Communication (NFC) That Includes Exculpability and Reusability. IEICE Transactions on Information and Systems, 2012, E95-D, 78-93.	0.7	12
17	Working at the web search engine side to generate privacy-preserving user profiles. Expert Systems With Applications, 2016, 64, 523-535.	7.6	12
18	Semantic Microaggregation for the Anonymization of Query Logs. Lecture Notes in Computer Science, 2010, , 127-137.	1.3	11

#	Article	IF	Citations
19	Lightweight Blockchain-based Platform for GDPR-Compliant Personal Data Management. , 2021, , .		9
20	A Real-Time Query Log Protection Method for Web Search Engines. IEEE Access, 2020, 8, 87393-87413.	4.2	8
21	Multi-party Methods for Privacy-Preserving Web Search: Survey and Contributions. Studies in Computational Intelligence, 2015, , 367-387.	0.9	8
22	A secure electronic examination protocol using wireless networks. , 2004, , .		7
23	Secure Many-to-One Communications in Wireless Sensor Networks. Sensors, 2009, 9, 5324-5338.	3.8	7
24	Single-party private web search. , 2012, , .		7
25	Privacy-Preserving Electronic Toll System with Dynamic Pricing for Low Emission Zones. Lecture Notes in Computer Science, 2015, , 327-334.	1.3	7
26	Practical Mental Poker Without a TTP Based on Homomorphic Encryption. Lecture Notes in Computer Science, 2003, , 280-294.	1.3	7
27	Improving Query Delay in Private Web Search. , 2011, , .		6
28	Study on poll-site voting and verification systems. Computers and Security, 2012, 31, 989-1010.	6.0	6
29	Dropout-Tolerant TTP-Free Mental Poker. Lecture Notes in Computer Science, 2005, , 30-40.	1.3	6
30	On the security of an efficient TTP-free mental poker protocol. , 2004, , .		5
31	On the Security of a Repaired Mental Poker Protocol. , 2006, , .		5
32	Privacy-preserving Electronic Road Pricing System for Multifare Low Emission Zones. , 2016, , .		5
33	Time-based low emission zones preserving driversâ€™ privacy. Future Generation Computer Systems, 2018, 80, 558-571.	7.5	5
34	WATERMARKING NUMERICAL DATA IN THE PRESENCE OF NOISE. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2006, 14, 495-508.	1.9	4
35	An electronic and secure automatic fare collection system with revocable anonymity for users. , 2010, , .		4
36	Design and Performance Evaluation of Two Approaches to Obtain Anonymity in Transferable Electronic Ticketing Schemes. Mobile Networks and Applications, 2017, 22, 1137-1156.	3.3	4

#	Article	IF	Citations
37	A Performance Comparison of Java Cards for Micropayment Implementation. , 2000, , 19-38.		4
38	Electronic Road Pricing System for Low Emission Zones to Preserve Driver Privacy. Lecture Notes in Computer Science, 2014, , 1-13.	1.3	4
39	Secure and Scalable RFID Authentication Protocol. Lecture Notes in Computer Science, 2011, , 231-243.	1.3	4
40	Design of a P2P network that protects usersâ€™ privacy in front of Web Search Engines. Computer Communications, 2015, 57, 37-49.	5.1	3
41	Privacy-preserving electronic road pricing system for low emission zones with dynamic pricing. Security and Communication Networks, 2016, 9, 3197-3218.	1.5	3
42	A semantic-preserving differentially private method for releasing query logs. Information Sciences, 2018, 460-461, 223-237.	6.9	3
43	Using Search Results to Microaggregate Query Logs Semantically. Lecture Notes in Computer Science, 2014, , 148-161.	1.3	3
44	Electronic Ticketing: Requirements and Proposals Related to Transport. Studies in Computational Intelligence, 2015, , 285-301.	0.9	2
45	Secure and privacy-preserving lightweight access control system for low emission zones. Computer Networks, 2018, 145, 13-26.	5.1	2
46	mCITYPASS: Privacy-Preserving Secure Access to Federated Touristic Services with Mobile Devices. Studies in Computational Intelligence, 2018, , 135-160.	0.9	2
47	A nonrepudiable bitstring commitment scheme based on a public-key cryptosystem. , 2004, , .		1
48	Protecting on-line casinos against fraudulent player drop-out. , 2005, , .		1
49	Digital chips for an on-line casino. , 2005, , .		1
50	Privacy homomorphisms for e-gambling and mental poker. , 0, , .		1
51	Anonymous and Transferable Electronic Ticketing Scheme. Lecture Notes in Computer Science, 2014, , 100-113.	1.3	1
52	Building Privacy-Preserving Search Engine Query Logs for Data Monetization. , 2016, , .		1
53	Secure and Anonymous Vehicle Access Control System to Traffic-Restricted Urban Areas. , 2017, , .		1
54	Lifelogging Protection Scheme for Internet-Based Personal Assistants. Lecture Notes in Computer Science, 2018, , 431-440.	1.3	1

#	Article	IF	Citations
55	E-Ticketing Scheme for Mobile Devices with Exculpability. Lecture Notes in Computer Science, 2011, , 79-92.	1.3	1
56	Designing a Cryptographic Scheme for e-Surveys in Higher-Education Institutions. , 2007, , .		0
57	Implementation And Evaluation Of The mCityPASS Protocol For Secure And Private Access To Associated Touristic Services. Computer Journal, 2020, 63, 1168-1193.	2.4	0
58	Decentralized Privacy-preserving Access for Low Emission Zones. , 2019, , .		0
59	An Incentive-Based System for Information Providers over Peer-to-Peer Mobile Ad-Hoc Networks. Lecture Notes in Computer Science, 2007, , 380-392.	1.3	0