Oriol FarrÃ s

List of Publications by Year
in descending order

43	625	567281	610901
papers	citations	15 h-index	24 g-index

44	44	44	400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Privacy-preserving cloud computing on sensitive data: A survey of methods, products and challenges. Computer Communications, 2019, 140-141, 38-60.	5.1	95
2	Ideal Multipartite Secret Sharing Schemes. Journal of Cryptology, 2012, 25, 434-463.	2.8	52
3	Generalization-based privacy preservation and discrimination prevention in data publishing and mining. Data Mining and Knowledge Discovery, 2014, 28, 1158-1188.	3.7	51
4	Ideal Hierarchical Secret Sharing Schemes. IEEE Transactions on Information Theory, 2012, 58, 3273-3286.	2.4	45
5	Contributory Broadcast Encryption with Efficient Encryption and Short Ciphertexts. IEEE Transactions on Computers, 2016, 65, 466-479.	3.4	36
6	Bridging Broadcast Encryption and Group Key Agreement. Lecture Notes in Computer Science, 2011, , 143-160.	1.3	30
7	Secret-Sharing Schemes for Very Dense Graphs. Journal of Cryptology, 2016, 29, 336-362.	2.8	28
8	Self-enforcing protocols via co-utile reputation management. Information Sciences, 2016, 367-368, 159-175.	6.9	23
9	Secret-Sharing Schemes for General and Uniform Access Structures. Lecture Notes in Computer Science, 2019, , 441-471.	1.3	23
10	Provably secure threshold public-key encryption with adaptive security and short ciphertexts. Information Sciences, 2012, 210, 67-80.	6.9	20
11	Natural Generalizations of Threshold Secret Sharing. IEEE Transactions on Information Theory, 2014, 60, 1652-1664.	2.4	20
12	Ideal Multipartite Secret Sharing Schemes. Lecture Notes in Computer Science, 2007, , 448-465.	1.3	19
13	On the Information Ratio of Non-perfect Secret Sharing Schemes. Algorithmica, 2017, 79, 987-1013.	1.3	17
14	Provably secure public-key encryption with conjunctive and subset keyword search. International Journal of Information Security, 2019, 18, 533-548.	3.4	16
15	On the optimization of bipartite secret sharing schemes. Designs, Codes, and Cryptography, 2012, 63, 255-271.	1.6	15
16	Linear Secret-Sharing Schemes for Forbidden Graph Access Structures. Lecture Notes in Computer Science, 2017, , 394-423.	1.3	15
17	Ideal Hierarchical Secret Sharing Schemes. Lecture Notes in Computer Science, 2010, , 219-236.	1.3	15
18	Optimal Non-perfect Uniform Secret Sharing Schemes. Lecture Notes in Computer Science, 2014, , 217-234.	1.3	11

#	Article	IF	Citations
19	Improving the Linear Programming Technique in the Search for Lower Bounds in Secret Sharing. Lecture Notes in Computer Science, 2018, , 597-621.	1.3	10
20	HLS-Based HW/SW Co-Design of the Post-Quantum Classic McEliece Cryptosystem. , 2021, , .		9
21	Linear spaces and transversal designs: k-anonymous combinatorial configurations for anonymous database search notes. Designs, Codes, and Cryptography, 2014, 71, 503-524.	1.6	8
22	Secret Sharing Schemes for Very Dense Graphs. Lecture Notes in Computer Science, 2012, , 144-161.	1.3	7
23	The Share Size of Secret-Sharing Schemes for Almost All Access Structures and Graphs. Lecture Notes in Computer Science, 2020, , 499-529.	1.3	7
24	Natural Generalizations of Threshold Secret Sharing. Lecture Notes in Computer Science, 2011, , 610-627.	1.3	6
25	Secret Sharing Schemes for Dense Forbidden Graphs. Lecture Notes in Computer Science, 2016, , 509-528.	1.3	6
26	Improving the Linear Programming Technique in the Search for Lower Bounds in Secret Sharing. IEEE Transactions on Information Theory, 2020, 66, 7088-7100.	2.4	6
27	Extending Brickellâ€“Davenport theorem to non-perfect secret sharing schemes. Designs, Codes, and Cryptography, 2015, 74, 495-510.	1.6	5
28	Ideal Secret Sharing Schemes for Useful Multipartite Access Structures. Lecture Notes in Computer Science, 2011, , 99-108.	1.3	4
29	Resource-Efficient OT Combiners with Active Security. Lecture Notes in Computer Science, 2017, , 461-486.	1.3	4
30	Recent Advances in Non-perfect Secret Sharing Schemes. Lecture Notes in Computer Science, 2016, , 89-98.	1.3	3
31	Common information, matroid representation, and secret sharing for matroid ports. Designs, Codes, and Cryptography, 2021, 89, 143-166.	1.6	3
32	On the Optimization of Bipartite Secret Sharing Schemes. Lecture Notes in Computer Science, 2010, , 93-109.	1.3	3
33	Linear threshold multisecret sharing schemes. Information Processing Letters, 2012, 112, 667-673.	0.6	2
34	Local bounds for the optimal information ratio of secret sharing schemes. Designs, Codes, and Cryptography, 2019, 87, 1323-1344.	1.6	2
35	Privacy-preserving data splitting: a combinatorial approach. Designs, Codes, and Cryptography, 2021, 89, 1735-1756.	1.6	2
36	Privacy-Preserving Trust Management Mechanisms from Private Matching Schemes. Lecture Notes in Computer Science, 2014, , 390-398.	1.3	2

#	Article	IF	Citations
37	Distance Computation between Two Private Preference Functions. IFIP Advances in Information and Communication Technology, 2014, , 460-470.	0.7	2
38	Linear Secret-Sharing Schemes for Forbidden Graph Access Structures. IEEE Transactions on Information Theory, 2022, 68, 2083-2100.	2.4	2
39	TTP SmartCard-Based ElGamal Cryptosystem Using Threshold Scheme for Electronic Elections. Lecture Notes in Computer Science, 2012, , 14-22.	1.3	1
40	Searchable encryption for geo-referenced data. , 2016, , .		0
41	Private Outsourced Kriging Interpolation. Lecture Notes in Computer Science, 2017, , 75-90.	1.3	0
42	Incentive-Based Co-utility: Co-utile Reputation Management. Studies in Systems, Decision and Control, 2018, , 17-32.	1.0	0
43	Secret sharing schemes for ports of matroids of rank 3. Kybernetika, 0, , 903-915.	0.0	0