Ragnar Freij-Hollanti

List of Publications by Year
in descending order

21 papers	435 citations	1307594 7 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	181 citing authors

#	Article	IF	Citations
1	Private Information Retrieval from Coded Databases with Colluding Servers. SIAM Journal on Applied Algebra and Geometry, 2017, 1, 647-664.	1.4	140
2	Private information retrieval schemes for coded data with arbitrary collusion patterns. , 2017, , .		74
3	Private Information Retrieval From Coded Storage Systems With Colluding, Byzantine, and Unresponsive Servers. IEEE Transactions on Information Theory, 2019, 65, 3898-3906.	2.4	50
4	Constructions and Properties of Linear Locally Repairable Codes. IEEE Transactions on Information Theory, 2016, 62, 1129-1143.	2.4	31
5	On the Combinatorics of Locally Repairable Codes via Matroid Theory. IEEE Transactions on Information Theory, 2016, 62, 5296-5315.	2.4	30
6	t-private information retrieval schemes using transitive codes. IEEE Transactions on Information Theory, 2019, 65, 2107-2118.	2.4	28
7	Robust Private Information Retrieval from Coded Systems with Byzantine and Colluding Servers. , 2018, , .		15
8	On the Capacity of Private Information Retrieval from Coded, Colluding, and Adversarial Servers. , 2019, , .		12
9	Alphabet-Dependent Bounds for Linear Locally Repairable Codes Based on Residual Codes. IEEE Transactions on Information Theory, 2019, 65, 6089-6100.	2.4	8
10	Toward the Capacity of Private Information Retrieval From Coded and Colluding Servers. IEEE Transactions on Information Theory, 2022, 68, 517-537.	2.4	8
11	Private Information Retrieval Schemes With Product-Matrix MBR Codes. IEEE Transactions on Information Forensics and Security, 2021, 16, 441-450.	6.9	6
12	Matroid Theory and Storage Codes: Bounds and Constructions. Signals and Communication Technology, 2018, , 385-425.	0.5	6
13	Applications of polymatroid theory to distributed storage systems. , 2015, , .		5
14	Private Streaming With Convolutional Codes. IEEE Transactions on Information Theory, 2020, 66, 2417-2429.	2.4	5
15	Low-Rank Parity-Check Codes over the Ring of Integers Modulo a Prime Power. , 2020, , .		4
16	A connection between locally repairable codes and exact regenerating codes. , 2016, , .		3
17	Bounds on the maximal minimum distance of linear locally repairable codes. , 2016, , .		3
18	Cyclic flats of binary matroids. Advances in Applied Mathematics, 2021, 127, 102165.	0.7	3

#	Article	IF	Citations
19	File Size Distributions and Caching for Offloading. , 2019, , .		2
20	Uniform Minors in Maximally Recoverable Codes. IEEE Communications Letters, 2019, 23, 1297-1300.	4.1	2
21	On Binary Matroid Minors and Applications to Data Storage over Small Fields. Lecture Notes in Computer Science, 2017, , 139-153.	1.3	0