Qifa Yan

List of Publications by Year
in descending order

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30 papers	548 citations	840776 11 h-index	713466 21 g-index
30 all docs	30 docs citations	30 times ranked	281 citing authors

#	Article	IF	Citations
1	Adaptive Gradient Coding. IEEE/ACM Transactions on Networking, 2022, 30, 717-734.	3.8	6
2	Multi-User Blind Symmetric Private Information Retrieval From Coded Servers. IEEE Journal on Selected Areas in Communications, 2022, 40, 815-831.	14.0	3
3	Robust, Private and Secure Cache-Aided Scalar Linear Function Retrieval From Coded Servers. IEEE Journal on Selected Areas in Communications, 2022, 40, 968-981.	14.0	1
4	Symmetric Private Polynomial Computation From Lagrange Encoding. IEEE Transactions on Information Theory, 2022, 68, 2704-2718.	2.4	4
5	Storage-Computation-Communication Tradeoff in Distributed Computing: Fundamental Limits and Complexity. IEEE Transactions on Information Theory, 2022, 68, 5496-5512.	2.4	6
6	Improved Constructions for Secure Multi-Party Batch Matrix Multiplication. IEEE Transactions on Communications, 2021, 69, 7673-7690.	7.8	14
7	Fundamental Limits of Caching for Demand Privacy Against Colluding Users. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 192-207.	2.5	20
8	Key Superposition Simultaneously Achieves Security and Privacy in Cache-Aided Linear Function Retrieval. , 2021, , .		1
9	Secure and Server-User Private Linear Function Retrieval in Multi-Server Multi-User Systems. , 2021, , .		0
10	Robust and Secure Cache-aided Private Linear Function Retrieval from Coded Servers. , 2021, , .		1
11	Capacity-Achieving Private Information Retrieval Schemes From Uncoded Storage Constrained Servers With Low Sub-Packetization. IEEE Transactions on Information Theory, 2021, 67, 5370-5386.	2.4	3
12	Key Superposition Simultaneously Achieves Security and Privacy in Cache-Aided Linear Function Retrieval. IEEE Transactions on Information Forensics and Security, 2021, 16, 5250-5263.	6.9	3
13	A New Capacity-Achieving Private Information Retrieval Scheme With (Almost) Optimal File Length for Coded Servers. IEEE Transactions on Information Forensics and Security, 2020, 15, 1248-1260.	6.9	21
14	Decentralized Coded Caching Scheme With Heterogeneous File Sizes. IEEE Transactions on Vehicular Technology, 2020, 69, 818-827.	6.3	11
15	A Fundamental Storage-Communication Tradeoff for Distributed Computing With Straggling Nodes. IEEE Transactions on Communications, 2020, 68, 7311-7327.	7.8	10
16	Some Variant of Known Coded Caching Schemes With Good Performance. IEEE Transactions on Communications, 2020, 68, 1370-1377.	7.8	30
17	Delivery Design for Coded Caching Over Wireless Multicast Networks. IEEE Access, 2019, 7, 72803-72817.	4.2	2
18	Placement Delivery Array Design for Coded Caching Scheme in D2D Networks. IEEE Transactions on Communications, 2019, 67, 3388-3395.	7.8	19

#	Article	IF	Citations
19	Reducing Search Complexity of Coded Caching by Shrinking Search Space. IEEE Communications Letters, 2019, 23, 568-571.	4.1	2
20	Constructions of Coded Caching Schemes With Flexible Memory Size. IEEE Transactions on Communications, 2019, 67, 4166-4176.	7.8	41
21	A Fundamental Storage-Communication Tradeoff in Distributed Computing with Straggling Nodes. , 2019, , .		19
22	A Time- and Energy-Aware Collision Tree Protocol for Efficient Large-Scale RFID Tag Identification. IEEE Transactions on Industrial Informatics, 2018, 14, 2406-2417.	11.3	41
23	Placement Delivery Array Design Through Strong Edge Coloring of Bipartite Graphs. IEEE Communications Letters, 2018, 22, 236-239.	4.1	83
24	Storage, Computation, and Communication: A Fundamental Tradeoff in Distributed Computing. , 2018, , .		22
25	Placement Delivery Array and Its Applications. , 2018, , .		13
26	Online Coded Caching With Random Access. IEEE Communications Letters, 2017, 21, 552-555.	4.1	11
27	On the Placement Delivery Array Design for Centralized Coded Caching Scheme. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	159
28	An Improved Algorithm for Testing the Membership of Gaussian Multiple-Access Channel Capacity Region. IEEE Communications Letters, 2016, 20, 2137-2140.	4.1	0
29	On the greedy coded caching scheme. , 2016, , .		0
30	On the coded caching based wireless video transmission scheme. , 2016, , .		2