

Farhad Shirani Chaharsooghi

List of Publications by Year in descending order

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26
papers

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1937685

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84
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeded graph matching: Efficient algorithms and theoretical guarantees. , 2017, , .		25
2	A General Framework for Temporal Fair User Scheduling in NOMA Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 408-422.	10.8	17
3	A Concentration of Measure Approach to Database De-anonymization. , 2019, , .		13
4	Distributed source coding in absence of common components. , 2013, , .		12
5	An information theoretic framework for active de-anonymization in social networks based on group memberships. , 2017, , .		10
6	MIMO Networks With One-Bit ADCs: Receiver Design and Communication Strategies. IEEE Transactions on Communications, 2022, 70, 1580-1594.	7.8	10
7	Typicality Matching for Pairs of Correlated Graphs. , 2018, , .		9
8	Optimal Active social Network De-anonymization Using Information Thresholds. , 2018, , .		9
9	Tradeoff Between Delay and High SNR Capacity in Quantized MIMO Systems. , 2019, , .		8
10	On Multiterminal Communication over MIMO Channels with One-bit ADCs at the Receivers. , 2019, , .		8
11	On Throughput of Millimeter Wave MIMO Systems with Low Resolution ADCs. , 2020, , .		7
12	Opportunistic Temporal Fair Scheduling for Non-Orthogonal Multiple Access. , 2018, , .		5
13	Opportunistic Temporal Fair Mode Selection and User Scheduling in Full-Duplex Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1632-1651.	14.0	5
14	An Achievable Rate-Distortion Region for Multiple Descriptions Source Coding Based on Coset Codes. IEEE Transactions on Information Theory, 2018, 64, 3781-3809.	2.4	4
15	On the Sub-Optimality of Single-Letter Coding Over Networks. IEEE Transactions on Information Theory, 2019, 65, 6115-6135.	2.4	4
16	On the Fundamental Limits of Multi-user Scheduling under Short-term Fairness Constraints. , 2019, , .		4
17	On the correlation between Boolean functions of sequences of random variables. , 2017, , .		3
18	Matching Graphs with Community Structure: A Concentration of Measure Approach. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Opportunistic Temporal Fair Mode Selection and User Scheduling for Full-duplex Systems. , 2019, , .		2
20	A Concentration of Measure Approach to Correlated Graph Matching. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 338-351.	2.5	2
21	Quasi Structured Codes for Multi-Terminal Communications. IEEE Transactions on Information Theory, 2019, 65, 6263-6289.	2.4	1
22	A New Achievable Rate-Distortion Region for Distributed Source Coding. IEEE Transactions on Information Theory, 2021, 67, 4485-4503.	2.4	1
23	Fundamental Privacy Limits in Bipartite Networks Under Active Attacks. IEEE Journal on Selected Areas in Communications, 2022, 40, 940-954.	14.0	1
24	On the sub-optimality of single-letter coding in multi-terminal communications. , 2017, , .		0
25	Bounds on the Effective-length of Optimal Codes for Interference Channel with Feedback. , 2018, , .		0
26	On Graph Matching Using Generalized Seed Side-Information. , 2021, , .		0