

Shirin Jalali

List of Publications by Year in descending order

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papers

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all docs

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docs citations

29
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Snapshot Compressed Sensing: Performance Bounds and Algorithms. IEEE Transactions on Information Theory, 2019, 65, 8005-8024.	2.4	67
2	On the impact of a single edge on the network coding capacity. , 2011, , .		41
3	Minimum Complexity Pursuit for Universal Compressed Sensing. IEEE Transactions on Information Theory, 2014, 60, 2253-2268.	2.4	22
4	Compression-Based Compressed Sensing. IEEE Transactions on Information Theory, 2017, 63, 6735-6752.	2.4	22
5	From compression to compressed sensing. Applied and Computational Harmonic Analysis, 2016, 40, 352-385.	2.2	21
6	Outage Analysis of Uplink Two-Tier Networks. IEEE Transactions on Communications, 2014, 62, 3351-3362.	7.8	15
7	Solving Inverse Problems via Auto-Encoders. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 312-323.	2.5	15
8	Block and Sliding-Block Lossy Compression via MCMC. IEEE Transactions on Communications, 2012, 60, 2187-2198.	7.8	13
9	Compressive Imaging Via One-Shot Measurements. , 2018, , .		13
10	On the separation of lossy source-network coding and channel coding in wireline networks. , 2010, , .		12
11	Minimum complexity pursuit. , 2011, , .		10
12	Universal Compressed Sensing for Almost Lossless Recovery. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	10
13	Power Control for Multirate DS-CDMA Systems With Imperfect Successive Interference Cancellation. IEEE Transactions on Vehicular Technology, 2008, 57, 600-603.	6.3	9
14	Lossy Compression of Discrete Sources via the Viterbi Algorithm. IEEE Transactions on Information Theory, 2012, 58, 2475-2489.	2.4	9
15	A Universal Scheme for Wyner's Ziv Coding of Discrete Sources. IEEE Transactions on Information Theory, 2010, 56, 1737-1750.	2.4	8
16	An efficient algorithm for compression-based compressed sensing. Information and Inference, 2019, 8, 343-375.	1.6	8
17	Using Black-Box Compression Algorithms for Phase Retrieval. IEEE Transactions on Information Theory, 2020, 66, 7978-8001.	2.4	8
18	Denosing via MCMC-Based Lossy Compression. IEEE Transactions on Signal Processing, 2012, 60, 3092-3100.	5.3	6

#	ARTICLE	IF	CITATIONS
19	New approach to Bayesian high-dimensional linear regression. Information and Inference, 2018, 7, 605-655.	1.6	5
20	Multiple description coding of discrete ergodic sources. , 2009, , .		3
21	Separation of source-network coding and channel coding in wireline networks. , 2011, , .		3
22	Towards theoretically-founded learning-based denoising. , 2019, , .		3
23	Effect of Backhaul Constraints on Uplink Femtocell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9931-9946.	6.3	2
24	On distortion bounds for dependent sources over wireless networks. , 2011, , .		1
25	Outage performance of uplink two-tier networks under backhaul constraint. , 2015, , .		1
26	Toward Theoretically Founded Learning-Based Compressed Sensing. IEEE Transactions on Information Theory, 2020, 66, 387-400.	2.4	1
27	Outage analysis of uplink open access two-tier networks. , 2014, , .		0
28	Separation of Source-Network Coding and Channel Coding in Wireline Networks. IEEE Transactions on Information Theory, 2015, 61, 1524-1538.	2.4	0
29	Compressed Sensing via Compression Codes. , 2021, , 72-103.		0