Shirin Jalali

List of Publications by Year
in descending order

29 papers	328 citations	1040056 9 h-index	940533 16 g-index
29 all docs	29 docs citations	29 times ranked	206 citing authors

#	Article	IF	Citations
1	Compressed Sensing via Compression Codes. , 2021, , 72-103.		0
2	Toward Theoretically Founded Learning-Based Compressed Sensing. IEEE Transactions on Information Theory, 2020, 66, 387-400.	2.4	1
3	Using Black-Box Compression Algorithms for Phase Retrieval. IEEE Transactions on Information Theory, 2020, 66, 7978-8001.	2.4	8
4	Solving Inverse Problems via Auto-Encoders. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 312-323.	2.5	15
5	An efficient algorithm for compression-based compressed sensing. Information and Inference, 2019, 8, 343-375.	1.6	8
6	Towards theoretically-founded learning-based denoising. , 2019, , .		3
7	Snapshot Compressed Sensing: Performance Bounds and Algorithms. IEEE Transactions on Information Theory, 2019, 65, 8005-8024.	2.4	67
8	New approach to Bayesian high-dimensional linear regression. Information and Inference, 2018, 7, 605-655.	1.6	5
9	Compressive Imaging Via One-Shot Measurements. , 2018, , .		13
10	Effect of Backhaul Constraints on Uplink Femtocell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9931-9946.	6.3	2
11	Universal Compressed Sensing for Almost Lossless Recovery. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	10
12	Compression-Based Compressed Sensing. IEEE Transactions on Information Theory, 2017, 63, 6735-6752.	2.4	22
13	From compression to compressed sensing. Applied and Computational Harmonic Analysis, 2016, 40, 352-385.	2.2	21
14	Outage performance of uplink two-tier networks under backhaul constraint. , 2015, , .		1
15	Separation of Source-Network Coding and Channel Coding in Wireline Networks. IEEE Transactions on Information Theory, 2015, 61, 1524-1538.	2.4	0
16	Outage analysis of uplink open access two-tier networks. , 2014, , .		0
17	Outage Analysis of Uplink Two-Tier Networks. IEEE Transactions on Communications, 2014, 62, 3351-3362.	7.8	15
18	Minimum Complexity Pursuit for Universal Compressed Sensing. IEEE Transactions on Information Theory, 2014, 60, 2253-2268.	2.4	22

#	Article	IF	Citations
19	Block and Sliding-Block Lossy Compression via MCMC. IEEE Transactions on Communications, 2012, 60, 2187-2198.	7.8	13
20	Denoising via MCMC-Based Lossy Compression. IEEE Transactions on Signal Processing, 2012, 60, 3092-3100.	5.3	6
21	Lossy Compression of Discrete Sources via the Viterbi Algorithm. IEEE Transactions on Information Theory, 2012, 58, 2475-2489.	2.4	9
22	On the impact of a single edge on the network coding capacity. , 2011, , .		41
23	Separation of source-network coding and channel coding in wireline networks. , 2011, , .		3
24	On distortion bounds for dependent sources over wireless networks. , 2011, , .		1
25	Minimum complexity pursuit. , 2011, , .		10
26	A Universal Scheme for Wynerâ€"Ziv Coding of Discrete Sources. IEEE Transactions on Information Theory, 2010, 56, 1737-1750.	2.4	8
27	On the separation of lossy source-network coding and channel coding in wireline networks. , 2010, , .		12
28	Multiple description coding of discrete ergodic sources. , 2009, , .		3
29	Power Control for Multirate DS-CDMA Systems With Imperfect Successive Interference Cancellation. IEEE Transactions on Vehicular Technology, 2008, 57, 600-603.	6.3	9