Mohammad Golbabaee

List of Publications by Year
in descending order

28 papers	456 citations	1040056 9 h-index	940533 16 g-index
28 all docs	28 docs citations	28 times ranked	499 citing authors

#	Article	IF	Citations
1	A Plug-and-Play Approach To Multiparametric Quantitative MRI: Image Reconstruction Using Pre-Trained Deep Denoisers. , 2022, , .		1
2	Deep Unrolling for Magnetic Resonance Fingerprinting. , 2022, , .		5
3	Accelerated 3D whole-brain T1, T2, and proton density mapping: feasibility for clinical glioma MR imaging. Neuroradiology, 2021, 63, 1831-1851.	2.2	15
4	Compressive MRI quantification using convex spatiotemporal priors and deep encoder-decoder networks. Medical Image Analysis, 2021, 69, 101945.	11.6	15
5	CoverBLIP: accelerated and scalable iterative matched-filtering for magnetic resonance fingerprint reconstruction*. Inverse Problems, 2020, 36, 015003.	2.0	8
6	Model‐based super‐resolution reconstruction of T$_2$ maps. Magnetic Resonance in Medicine, 2020, 83, 906-919.	3.0	11
7	Rapid three-dimensional multiparametric MRI with quantitative transient-state imaging. Scientific Reports, 2020, 10, 13769.	3.3	29
8	The Practicality of Stochastic Optimization in Imaging Inverse Problems. IEEE Transactions on Computational Imaging, 2020, 6, 1471-1485.	4.4	12
9	Compressive MR Fingerprinting Reconstruction with Neural Proximal Gradient Iterations. Lecture Notes in Computer Science, 2020, , 13-22.	1.3	9
10	Multi-shot Echo Planar Imaging for accelerated Cartesian MR Fingerprinting: An alternative to conventional spiral MR Fingerprinting. Magnetic Resonance Imaging, 2019, 61, 20-32.	1.8	10
11	Geometry of Deep Learning for Magnetic Resonance Fingerprinting. , 2019, , .		19
12	Insense: Incoherent sensor selection for sparse signals. Signal Processing, 2018, 150, 57-65.	3.7	6
13	Insense: Incoherent Sensor Selection for Sparse Signals. , 2018, , .		1
14	Inexact Gradient Projection and Fast Data Driven Compressed Sensing. IEEE Transactions on Information Theory, 2018, 64, 6707-6721.	2.4	13
15	Cover tree compressed sensing for fast mr fingerprint recovery. , 2017, , .		2
16	Exploiting the structure via sketched gradient algorithms. , 2017, , .		0
17	Model selection with low complexity priors. Information and Inference, 2015, , .	1.6	9
18	SCOOP: A Real-Time Sparsity Driven People Localization Algorithm. Journal of Mathematical Imaging and Vision, 2014, 48, 160-175.	1.3	12

#	Article	IF	Citations
19	Structured Sparsity Models for Reverberant Speech Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 620-633.	5.8	37
20	Numerical experiments with MALDI Imaging data. Advances in Computational Mathematics, 2014, 40, 667-682.	1.6	7
21	Compressive Source Separation: Theory and Methods for Hyperspectral Imaging. IEEE Transactions on Image Processing, 2013, 22, 5096-5110.	9.8	51
22	Light field compressive sensing in camera arrays. , 2012, , .		9
23	Joint trace/TV norm minimization: A new efficient approach for spectral compressive imaging. , 2012, , .		44
24	Hyperspectral image compressed sensing via low-rank and joint-sparse matrix recovery. , 2012, , .		111
25	Distributed compressed sensing of Hyperspectral images via blind source separation. , 2010, , .		14
26	Distributed compressed sensing for sensor networks using thresholding. Proceedings of SPIE, 2009, , .	0.8	3
27	Average case analysis of sparse recovery with thresholding : New bounds based on average dictionary coherence. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	3
28	An off-the-grid approach to multi-compartment magnetic resonance fingerprinting. Inverse Problems, 0, , .	2.0	0