

Mohammad Golbabaee

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hyperspectral image compressed sensing via low-rank and joint-sparse matrix recovery. , 2012, , .		111
2	Compressive Source Separation: Theory and Methods for Hyperspectral Imaging. IEEE Transactions on Image Processing, 2013, 22, 5096-5110.	9.8	51
3	Joint trace/TV norm minimization: A new efficient approach for spectral compressive imaging. , 2012, , .		44
4	Structured Sparsity Models for Reverberant Speech Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 620-633.	5.8	37
5	Rapid three-dimensional multiparametric MRI with quantitative transient-state imaging. Scientific Reports, 2020, 10, 13769.	3.3	29
6	Geometry of Deep Learning for Magnetic Resonance Fingerprinting. , 2019, , .		19
7	Accelerated 3D whole-brain T1, T2, and proton density mapping: feasibility for clinical glioma MR imaging. Neuroradiology, 2021, 63, 1831-1851.	2.2	15
8	Compressive MRI quantification using convex spatiotemporal priors and deep encoder-decoder networks. Medical Image Analysis, 2021, 69, 101945.	11.6	15
9	Distributed compressed sensing of Hyperspectral images via blind source separation. , 2010, , .		14
10	Inexact Gradient Projection and Fast Data Driven Compressed Sensing. IEEE Transactions on Information Theory, 2018, 64, 6707-6721.	2.4	13
11	SCOOP: A Real-Time Sparsity Driven People Localization Algorithm. Journal of Mathematical Imaging and Vision, 2014, 48, 160-175.	1.3	12
12	The Practicality of Stochastic Optimization in Imaging Inverse Problems. IEEE Transactions on Computational Imaging, 2020, 6, 1471-1485.	4.4	12
13	Model-based super-resolution reconstruction of T_2 maps. Magnetic Resonance in Medicine, 2020, 83, 906-919.	3.0	11
14	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
15	Light field compressive sensing in camera arrays. , 2012, , .		9
16	Model selection with low complexity priors. Information and Inference, 2015, , .	1.6	9
17	Compressive MR Fingerprinting Reconstruction with Neural Proximal Gradient Iterations. Lecture Notes in Computer Science, 2020, , 13-22.	1.3	9
18	CoverBLIP: accelerated and scalable iterative matched-filtering for magnetic resonance fingerprint reconstruction*. Inverse Problems, 2020, 36, 015003.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Numerical experiments with MALDI Imaging data. <i>Advances in Computational Mathematics</i> , 2014, 40, 667-682.	1.6	7
20	Insense: Incoherent sensor selection for sparse signals. <i>Signal Processing</i> , 2018, 150, 57-65.	3.7	6
21	Deep Unrolling for Magnetic Resonance Fingerprinting. , 2022, , .		5
22	Average case analysis of sparse recovery with thresholding : New bounds based on average dictionary coherence. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008, , .	1.8	3
23	Distributed compressed sensing for sensor networks using thresholding. <i>Proceedings of SPIE</i> , 2009, , .	0.8	3
24	Cover tree compressed sensing for fast mr fingerprint recovery. , 2017, , .		2
25	Insense: Incoherent Sensor Selection for Sparse Signals. , 2018, , .		1
26	A Plug-and-Play Approach To Multiparametric Quantitative MRI: Image Reconstruction Using Pre-Trained Deep Denoisers. , 2022, , .		1
27	Exploiting the structure via sketched gradient algorithms. , 2017, , .		0
28	An off-the-grid approach to multi-compartment magnetic resonance fingerprinting. <i>Inverse Problems</i> , 0, , .	2.0	0