Kiryung Lee

List of Publications by Year
in descending order

28 papers	837 citations	623734 14 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	763 citing authors

#	Article	IF	Citations
1	Subspace Methods for Joint Sparse Recovery. IEEE Transactions on Information Theory, 2012, 58, 3613-3641.	2.4	225
2	ADMiRA: Atomic Decomposition for Minimum Rank Approximation. IEEE Transactions on Information Theory, 2010, 56, 4402-4416.	2.4	171
3	Compressive Sampling Using Annihilating Filter-Based Low-Rank Interpolation. IEEE Transactions on Information Theory, 2017, 63, 777-801.	2.4	57
4	Oblique Pursuits for Compressed Sensing. IEEE Transactions on Information Theory, 2013, 59, 6111-6141.	2.4	54
5	Blind Recovery of Sparse Signals From Subsampled Convolution. IEEE Transactions on Information Theory, 2017, 63, 802-821.	2.4	46
6	Identifiability in Blind Deconvolution With Subspace or Sparsity Constraints. IEEE Transactions on Information Theory, 2016, 62, 4266-4275.	2.4	44
7	Near-Optimal Compressed Sensing of a Class of Sparse Low-Rank Matrices Via Sparse Power Factorization. IEEE Transactions on Information Theory, 2018, 64, 1666-1698.	2.4	34
8	An Asymmetric Watermarking System With Many Embedding Watermarks Corresponding to One Detection Watermark. IEEE Signal Processing Letters, 2004, 11, 375-377.	3.6	29
9	Transformed-Key Asymmetric Watermarking System. IEEE Signal Processing Letters, 2004, 11, 251-254.	3.6	28
10	Identifiability in Bilinear Inverse Problems With Applications to Subspace or Sparsity-Constrained Blind Gain and Phase Calibration. IEEE Transactions on Information Theory, 2017, 63, 822-842.	2.4	23
11	Fast and Guaranteed Blind Multichannel Deconvolution Under a Bilinear System Model. IEEE Transactions on Information Theory, 2018, 64, 4792-4818.	2.4	19
12	Blind Gain and Phase Calibration via Sparse Spectral Methods. IEEE Transactions on Information Theory, 2019, 65, 3097-3123.	2.4	19
13	Optimal Sample Complexity for Blind Gain and Phase Calibration. IEEE Transactions on Signal Processing, 2016, 64, 5549-5556.	5.3	17
14	Identifiability and Stability in Blind Deconvolution Under Minimal Assumptions. IEEE Transactions on Information Theory, 2017, 63, 4619-4633.	2.4	17
15	Spectral Methods for Passive Imaging: Nonasymptotic Performance and Robustness. SIAM Journal on Imaging Sciences, 2018, 11, 2110-2164.	2.2	10
16	Identifiability Conditions for Compressive Multichannel Blind Deconvolution. IEEE Transactions on Signal Processing, 2020, 68, 4627-4642.	5.3	10
17	Block-Coordinate Gaussâ€"Newton Optimization and Constrained Monotone Regression for Image Registration in the Presence of Outlier Objects. IEEE Transactions on Image Processing, 2008, 17, 798-810.	9.8	8
18	Generalized notions of sparsity and restricted isometry property. Part I: a unified framework. Information and Inference, 2020, 9, 157-193.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Blind gain and phase calibration for low-dimensional or sparse signal sensing via power iteration. , 2017, , .		7
20	Phase retrieval of low-rank matrices by anchored regression. Information and Inference, 2021, 10, 285-332.	1.6	4
21	Uniqueness in bilinear inverse problems with applications to subspace and joint sparsity models. , 2015, , .		3
22	Unified Theory for Recovery of Sparse Signals in a General Transform Domain. IEEE Transactions on Information Theory, 2018, 64, 5457-5477.	2.4	2
23	Adaptive reconstruction for embedded quantisation. Electronics Letters, 2002, 38, 1065.	1.0	1
24	Generalized Notions of Sparsity and Restricted Isometry Property. Part II: Applications. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	1
25	Blind deconvolution of sources of opportunity in ocean waveguides using bilinear channel models. Journal of the Acoustical Society of America, 2020, 148, 2267-2279.	1.1	0
26	Sub-NYQUIST Multichannel Blind Deconvolution. , 2021, , .		0
27	Low-Rank Matrix Estimation from Rank-One Projections by Unlifted Convex Optimization. SIAM Journal on Matrix Analysis and Applications, 2021, 42, 1119-1147.	1.4	0
28	Convolutional Framework for Accelerated Magnetic Resonance Imaging. , 2020, 2020, 1065-1068.		0