Xuemei Chen

List of Publications by Year
in descending order

13 papers	159 citations	1307594 7 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	107 citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbations of measurement matrices and dictionaries in compressed sensing. Applied and Computational Harmonic Analysis, 2012, 33, 282-291.	2.2	40
2	Almost Sure Convergence of the Kaczmarz Algorithm with Random Measurements. Journal of Fourier Analysis and Applications, 2012, 18, 1195-1214.	1.0	34
3	A null space analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>ℓ</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:mrow> method in dictionary-based compressed sensing. Applied and Computational Harmonic Analysis, 2014, 37, 492-515.	2.2	21
4	Hildreth's algorithm with applications to soft constraints for user interface layout. Journal of Computational and Applied Mathematics, 2015, 288, 193-202.	2.0	13
5	Measures of Scalability. IEEE Transactions on Information Theory, 2015, 61, 4410-4423.	2.4	10
6	The gap between the null space property and the restricted isometry property. Linear Algebra and Its Applications, 2016, 501, 363-375.	0.9	10
7	Regularized Kaczmarz Algorithms for Tensor Recovery. SIAM Journal on Imaging Sciences, 2021, 14, 1439-1471.	2.2	9
8	Randomized Subspace Actions and Fusion Frames. Constructive Approximation, 2016, 43, 103-134.	3.0	7
9	Universal optimal configurations for the p-frame potentials. Advances in Computational Mathematics, 2020, 46, 1.	1.6	6
10	Frame scalings: A condition number approach. Linear Algebra and Its Applications, 2017, 523, 152-168.	0.9	4
11	On the Search for Tight Frames of Low Coherence. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	3
12	Preserving injectivity under subgaussian mappings and its application to compressed sensing. Applied and Computational Harmonic Analysis, 2020, 49, 451-470.	2.2	2
13	Tightness of stability bounds by null space property. Proceedings of SPIE, 2015, , .	0.8	0