

Song Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New bounds on the restricted isometry constant $\mu_{2k}(\Omega)$. Applied and Computational Harmonic Analysis, 2011, 31, 460-468.	2.2	113
2	A Proof of Conjecture on Restricted Isometry Property Constants $\delta_{2k}(\Omega)$. Applied and Computational Harmonic Analysis, 2011, 31, 460-468.	2.4	55
3	Optimal D-RIP bounds in compressed sensing. Acta Mathematica Sinica, English Series, 2015, 31, 755-766.	0.6	51
4	New Bounds for Restricted Isometry Constants With Coherent Tight Frames. IEEE Transactions on Signal Processing, 2013, 61, 611-621.	5.3	40
5	Sparse recovery with coherent tight frames via analysis Dantzig selector and analysis LASSO. Applied and Computational Harmonic Analysis, 2014, 37, 126-139.	2.2	27
6	Restricted isometry property and its application for nonconvex compressive sensing. Advances in Computational Mathematics, 2012, 37, 441-452.	1.6	24
7	Block sparse recovery via mixed ℓ_2/ℓ_1 minimization. Acta Mathematica Sinica, English Series, 2013, 29, 1401-1412.	0.6	20
8	Complex Wavelets and Framelets from Pseudo Splines. Journal of Fourier Analysis and Applications, 2010, 16, 885-900.	1.0	17
9	The bounds of restricted isometry constants for low rank matrices recovery. Science China Mathematics, 2013, 56, 1117-1127.	1.7	16
10	Compressed Data Separation With Redundant Dictionaries. IEEE Transactions on Information Theory, 2013, 59, 4309-4315.	2.4	16
11	Title is missing!. Advances in Computational Mathematics, 2004, 20, 311-331.	1.6	12
12	Biorthogonal multiple wavelets generated by vector refinement equation. Science in China Series A: Mathematics, 2007, 50, 1015-1025.	0.5	12
13	Refinable Functions with Exponential Decay: An Approach via Cascade Algorithms. Journal of Fourier Analysis and Applications, 2011, 17, 1008-1034.	1.0	12
14	Convergence of projected Landweber iteration for matrix rank minimization. Applied and Computational Harmonic Analysis, 2014, 36, 316-325.	2.2	11
15	L_p Solutions of Vector Refinement Equations with General Dilation Matrix. Acta Mathematica Sinica, English Series, 2006, 22, 51-60.	0.6	10
16	Compressed Sensing via Dual Frame Based ℓ_1 -Analysis With Weibull Matrices. IEEE Signal Processing Letters, 2013, 20, 265-268.	3.6	9
17	General A-P iterative algorithm in shift-invariant spaces. Acta Mathematica Sinica, English Series, 2009, 25, 545-552.	0.6	8
18	Identifiability of Multichannel Blind Deconvolution and Nonconvex Regularization Algorithm. IEEE Transactions on Signal Processing, 2018, 66, 5299-5312.	5.3	8

#	ARTICLE	IF	CITATIONS
19	Convergence analysis of projected gradient descent for Schatten-p nonconvex matrix recovery. Science China Mathematics, 2015, 58, 845-858.	1.7	7
20	One-Bit Compressive Sensing With Projected Subgradient Method Under Sparsity Constraints. IEEE Transactions on Information Theory, 2019, 65, 6650-6663.	2.4	7
21	Multivariate Refinement Equations and Convergence of Cascade Algorithms in L_p ($0 < p < 1$) Spaces. Acta Mathematica Sinica, English Series, 2003, 19, 97-106.	0.6	6
22	Analysis Recovery With Coherent Frames and Correlated Measurements. IEEE Transactions on Information Theory, 2016, 62, 6493-6507.	2.4	6
23	Riesz multiwavelet bases generated by vector refinement equation. Science in China Series A: Mathematics, 2009, 52, 468-480.	0.5	5
24	PhaseMax: Stable guarantees from noisy sub-Gaussian measurements. Analysis and Applications, 2020, 18, 861-886.	2.2	5
25	Subdivision schemes with polynomially decaying masks. Advances in Computational Mathematics, 2010, 32, 487-507.	1.6	3
26	Wavelets and framelets from dual pseudo splines. Science China Mathematics, 2011, 54, 1233-1242.	1.7	3
27	Nonuniform recovery of fusion frame structured sparse signals. Analysis and Applications, 2017, 15, 333-352.	2.2	3
28	Iterative hard thresholding for compressed data separation. Journal of Complexity, 2020, 59, 101469.	1.3	3
29	On the Schatten p-quasi-norm minimization for low-rank matrix recovery. Applied and Computational Harmonic Analysis, 2021, 51, 157-170.	2.2	3
30	Multivariate refinement equation with nonnegative masks. Science in China Series A: Mathematics, 2006, 49, 439-450.	0.5	2
31	The support of a refinable vector satisfying an inhomogeneous refinement equation. Acta Mathematica Sinica, English Series, 2010, 26, 691-698.	0.6	2
32	An Open Problem on Sparse Representations in Unions of Bases. IEEE Transactions on Information Theory, 2022, 68, 4230-4243.	2.4	2
33	K-functional, weighted moduli of smoothness, and best weighted polynomial approximation on a simplex. Acta Mathematica Sinica, 1999, 15, 395-406.	0.4	1
34	A Generalization of the Mean Size Formula of Wavelet Packets in L_p . Acta Mathematica Sinica, English Series, 2005, 21, 1475-1486.	0.6	1
35	Convergence and error estimate of cascade algorithms with infinitely supported masks in $L_p(\hat{\mathbb{A}}, \mathbf{s})$. Science China Mathematics, 2012, 55, 577-592.	1.7	1
36	Convergence Rates of Cascade Algorithms with Infinitely Supported Masks. Canadian Mathematical Bulletin, 2012, 55, 424-434.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Compressed data separation via dual frames based split-analysis with Weibull matrices. Applied Mathematics, 2013, 28, 427-437.	1.0	1
38	Improved sampling and reconstruction in spline subspaces. Acta Mathematicae Applicatae Sinica, 2016, 32, 447-460.	0.7	1
39	Signal separation under coherent dictionaries and \hat{a}, \hat{b} noise. Journal of Approximation Theory, 2021, 263, 105524.	0.8	1
40	Low rank matrix recovery with adversarial sparse noise*. Inverse Problems, 2022, 38, 035001.	2.0	1
41	Stable recovery of low rank matrices from nuclear norm minimization. Acta Mathematicae Applicatae Sinica, 2015, 31, 247-260.	0.7	0