

Ming Yan

List of Publications by Year in descending order

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39
papers

1,262
citations

471509

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33
g-index

43
all docs

43
docs citations

43
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase retrieval from incomplete data via weighted nuclear norm minimization. Pattern Recognition, 2022, 125, 108537.	8.1	9
2	Compressed Gradient Tracking for Decentralized Optimization Over General Directed Networks. IEEE Transactions on Signal Processing, 2022, 70, 1775-1787.	5.3	7
3	Surface-Aware Blind Image Deblurring. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1041-1055.	13.9	46
4	New convergence analysis of a primal-dual algorithm with large stepsizes. Advances in Computational Mathematics, 2021, 47, 1.	1.6	5
5	Dual Consensus Proximal Algorithm for Multi-Agent Sharing Problems. IEEE Transactions on Signal Processing, 2021, 69, 5568-5579.	5.3	6
6	Decentralized Frequency Alignment for Collaborative Beamforming in Distributed Phased Arrays. IEEE Transactions on Wireless Communications, 2021, 20, 6269-6281.	9.2	12
7	On the Linear Convergence of Two Decentralized Algorithms. Journal of Optimization Theory and Applications, 2021, 189, 271-290.	1.5	2
8	A Novel Regularization Based on the Error Function for Sparse Recovery. Journal of Scientific Computing, 2021, 87, 1.	2.3	13
9	Decentralized Frequency Synchronization in Distributed Antenna Arrays With Quantized Frequency States and Directed Communications. IEEE Transactions on Antennas and Propagation, 2020, 68, 5280-5288.	5.1	15
10	Accelerated Schemes for the L_1/L_2 Minimization. IEEE Transactions on Signal Processing, 2020, 68, 2660-2669.	5.3	36
11	A Decentralized Proximal-Gradient Method With Network Independent Step-Sizes and Separated Convergence Rates. IEEE Transactions on Signal Processing, 2019, 67, 4494-4506.	5.3	117
12	Image Smoothing Via Gradient Sparsity and Surface Area Minimization. , 2019, , .		3
13	Fast and robust deconvolution of tumor infiltrating lymphocyte from expression profiles using least trimmed squares. PLoS Computational Biology, 2019, 15, e1006976.	3.2	61
14	Robust mixed one-bit compressive sensing. Signal Processing, 2019, 162, 161-168.	3.7	5
15	Efficient seismic denoising techniques using robust principal component analysis. , 2019, , .		3
16	On the Convergence of Asynchronous Parallel Iteration with Unbounded Delays. Journal of the Operations Research Society of China, 2019, 7, 5-42.	1.4	11
17	A New Primal-Dual Algorithm for Minimizing the Sum of Three Functions with a Linear Operator. Journal of Scientific Computing, 2018, 76, 1698-1717.	2.3	59
18	Fast L_1 - L_2 Minimization via a Proximal Operator. Journal of Scientific Computing, 2018, 74, 767-785.	2.3	103

#	ARTICLE	IF	CITATIONS
19	Nonconvex penalties with analytical solutions for one-bit compressive sensing. <i>Signal Processing</i> , 2018, 144, 341-351.	3.7	21
20	Fast Signal Recovery From Saturated Measurements by Linear Loss and Nonconvex Penalties. <i>IEEE Signal Processing Letters</i> , 2018, 25, 1374-1378.	3.6	4
21	Pinball loss minimization for one-bit compressive sensing: Convex models and algorithms. <i>Neurocomputing</i> , 2018, 314, 275-283.	5.9	9
22	Exploring Outliers in Crowdsourced Ranking for QoE. , 2017, , .		11
23	One condition for solution uniqueness and robustness of both l_1 -synthesis and l_1 -analysis minimizations. <i>Advances in Computational Mathematics</i> , 2016, 42, 1381-1399.	1.6	27
24	Asynchronous Multi-task Learning. , 2016, , .		19
25	Nonconvex compressive video sensing. <i>Journal of Electronic Imaging</i> , 2016, 25, 063003.	0.9	2
26	ARock: An Algorithmic Framework for Asynchronous Parallel Coordinate Updates. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, A2851-A2879.	2.8	141
27	A Multiphase Image Segmentation Based on Fuzzy Membership Functions and L_1 -Norm Fidelity. <i>Journal of Scientific Computing</i> , 2016, 69, 82-106.	2.3	24
28	Self Equivalence of the Alternating Direction Method of Multipliers. <i>Scientific Computation</i> , 2016, , 165-194.	0.2	20
29	Coordinate-friendly structures, algorithms and applications. <i>Annals of Mathematical Sciences and Applications</i> , 2016, 1, 57-119.	0.4	40
30	Nonconvex Sorted ℓ_1 Minimization for Sparse Approximation. <i>Journal of the Operations Research Society of China</i> , 2015, 3, 207-229.	1.4	21
31	Exact Low-Rank Matrix Completion from Sparsely Corrupted Entries Via Adaptive Outlier Pursuit. <i>Journal of Scientific Computing</i> , 2013, 56, 433-449.	2.3	16
32	Restoration of Images Corrupted by Impulse Noise and Mixed Gaussian Impulse Noise Using Blind Inpainting. <i>SIAM Journal on Imaging Sciences</i> , 2013, 6, 1227-1245.	2.2	129
33	Parallel and distributed sparse optimization. , 2013, , .		46
34	Convergence analysis of SART: optimization and statistics. <i>International Journal of Computer Mathematics</i> , 2013, 90, 30-47.	1.8	7
35	General convergent expectation maximization (EM)-type algorithms for image reconstruction. <i>Inverse Problems and Imaging</i> , 2013, 7, 1007-1029.	1.1	11
36	FPGA-accelerated 3D reconstruction using compressive sensing. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
37	Robust 1-bit Compressive Sensing Using Adaptive Outlier Pursuit. IEEE Transactions on Signal Processing, 2012, 60, 3868-3875.	5.3	136
38	A Hybrid Architecture for Compressive Sensing 3-D CT Reconstruction. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2012, 2, 616-625.	3.6	17
39	Expectation maximization and total variation-based model for computed tomography reconstruction from undersampled data. Proceedings of SPIE, 2011, , .	0.8	22