Xiongjun Zhang

List of Publications by Year
in descending order

22 papers	456 citations	759233 12 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	197 citing authors

#	Article	IF	Citations
1	Robust tensor train component analysis. Numerical Linear Algebra With Applications, 2022, 29, e2403.	1.6	3
2	Sparse Nonnegative Tensor Factorization and Completion With Noisy Observations. IEEE Transactions on Information Theory, 2022, 68, 2551-2572.	2.4	7
3	Low Rank Tensor Completion with Poisson Observations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	13
4	Nonlocal robust tensor recovery with nonconvex regularization [*]. Inverse Problems, 2021, 37, 035001.	2.0	25
5	Orthogonal Nonnegative Tucker Decomposition. SIAM Journal of Scientific Computing, 2021, 43, B55-B81.	2.8	13
6	Robust Low Transformed Multi-Rank Tensor Methods for Image Alignment. Journal of Scientific Computing, 2021, 87, 1.	2.3	8
7	Robust low-rank tensor completion via transformed tensor nuclear norm with total variation regularization. Neurocomputing, 2021, 435, 197-215.	5.9	26
8	Auto-weighted robust low-rank tensor completion via tensor-train. Information Sciences, 2021, 567, 100-115.	6.9	19
9	Patched-tube unitary transform for robust tensor completion. Pattern Recognition, 2020, 100, 107181.	8.1	22
10	Fast algorithm with theoretical guarantees for constrained low-tubal-rank tensor recovery in hyperspectral images denoising. Neurocomputing, 2020, 413, 397-409.	5.9	11
11	Robust tensor completion using transformed tensor singular value decomposition. Numerical Linear Algebra With Applications, 2020, 27, e2299.	1.6	86
12	A Corrected Tensor Nuclear Norm Minimization Method for Noisy Low-Rank Tensor Completion. SIAM Journal on Imaging Sciences, 2019, 12, 1231-1273.	2.2	33
13	A Nonconvex Relaxation Approach to Low-Rank Tensor Completion. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1659-1671.	11.3	54
14	A Fast Algorithm for Solving Linear Inverse Problems with Uniform Noise Removal. Journal of Scientific Computing, 2019, 79, 1214-1240.	2.3	4
15	A Fast Algorithm for Deconvolution and Poisson Noise Removal. Journal of Scientific Computing, 2018, 75, 1535-1554.	2.3	21
16	Structured Convex Optimization Method for Orthogonal Nonnegative Matrix Factorization. , 2018, , .		1
17	An Implementable Accelerated Alternating Direction Method of Multipliers for Low-Rank Tensor Completion. , 2018, , .		0
18	Nonconvex-TV Based Image Restoration with Impulse Noise Removal. SIAM Journal on Imaging Sciences, 2017, 10, 1627-1667.	2.2	45

#	Article	IF	Citations
19	Distributed Optimization Operation Strategy for Charging Stations Under Demand Response. International Journal of Emerging Electric Power Systems, 2017, 18, .	0.8	0
20	Automatic regularization parameter selection by generalized cross-validation for total variational Poisson noise removal. Applied Optics, 2017, 56, D47.	2.1	14
21	An Adaptive Correction Approach for Tensor Completion. SIAM Journal on Imaging Sciences, 2016, 9, 1298-1323.	2.2	26
22	Adaptive correction procedure for TVL1 image deblurring under impulse noise. Inverse Problems, 2016, 32, 085004.	2.0	25