

Shenglong Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Support Vector Machine Classifier via Soft-Margin Loss. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7253-7265.	9.7	50
2	A Fast Matrix Majorization-Projection Method for Penalized Stress Minimization With Box Constraints. IEEE Transactions on Signal Processing, 2018, 66, 4331-4346.	3.2	16
3	An extended Newton-type algorithm for ℓ_1 -regularized sparse logistic regression and its efficiency for classifying large-scale datasets. Journal of Computational and Applied Mathematics, 2021, 397, 113656.		
4	Theoretical and numerical comparison of the Karush-Kuhn-Tucker and value function reformulations in bilevel optimization. Computational Optimization and Applications, 2021, 78, 625-674.	0.9	11
5	New Bounds for RIC in Compressed Sensing. Journal of the Operations Research Society of China, 2013, 1, 227-237.	0.9	9
6	Newton method for ℓ_1 -regularized optimization. Numerical Algorithms, 2021, 88, 1541-1570.	1.1	8
7	A null-space-based weighted ℓ_1 minimization approach to compressed sensing. Information and Inference, 2016, 5, 76-102.	0.9	7
8	Robust Euclidean embedding via EDM optimization. Mathematical Programming Computation, 2020, 12, 337-387.	3.2	7
9	Sparse SVM for Sufficient Data Reduction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	7
10	Quadratic Convergence of Smoothing Newton's Method for 0/1 Loss Optimization. SIAM Journal on Optimization, 2021, 31, 3184-3211.	1.2	7
11	Computing One-Bit Compressive Sensing via Double-Sparsity Constrained Optimization. IEEE Transactions on Signal Processing, 2022, 70, 1593-1608.	3.2	4
12	Gradient projection Newton pursuit for sparsity constrained optimization. Applied and Computational Harmonic Analysis, 2022, 61, 75-100.	1.1	4
13	Extragradient thresholding methods for sparse solutions of co-coercive NCPs. Journal of Inequalities and Applications, 2015, 2015, .	0.5	3
14	Matrix Optimization Over Low-Rank Spectral Sets: Stationary Points and Local and Global Minimizers. Journal of Optimization Theory and Applications, 2020, 184, 895-930.	0.8	3
15	A half thresholding projection algorithm for sparse solutions of LCPs. Optimization Letters, 2015, 9, 1231-1245.	0.9	2
16	Newton Hard-Thresholding Pursuit for Sparse Linear Complementarity Problem via A New Merit Function. SIAM Journal of Scientific Computing, 2021, 43, A772-A799.	1.3	1