Qihang Lin

List of Publications by Year
in descending order

17 papers	193 citations	1478505 6 h-index	1199594 12 g-index
17 all docs	17 docs citations	17 times ranked	148 citing authors

#	Article	IF	Citations
1	An Accelerated Randomized Proximal Coordinate Gradient Method and its Application to Regularized Empirical Risk Minimization. SIAM Journal on Optimization, 2015, 25, 2244-2273.	2.0	48
2	An adaptive accelerated proximal gradient method and its homotopy continuation for sparse optimization. Computational Optimization and Applications, 2015, 60, 633-674.	1.6	32
3	A Unified Analysis of Stochastic Momentum Methods for Deep Learning. , 2018, , .		29
4	Weakly-convexâ€“concave minâ€“max optimization: provable algorithms and applications in machine learning. Optimization Methods and Software, 2022, 37, 1087-1121.	2.4	20
5	On Degrees of Freedom of Projection Estimators With Applications to Multivariate Nonparametric Regression. Journal of the American Statistical Association, 2020, 115, 173-186.	3.1	13
6	A sparsity preserving stochastic gradient methods for sparse regression. Computational Optimization and Applications, 2014, 58, 455-482.	1.6	12
7	Revisiting Approximate Linear Programming: Constraint-Violation Learning with Applications to Inventory Control and Energy Storage. Management Science, 2020, 66, 1544-1562.	4.1	12
8	A Level-Set Method for Convex Optimization with a Feasible Solution Path. SIAM Journal on Optimization, 2018, 28, 3290-3311.	2.0	8
9	Complexity of an inexact proximal-point penalty method for constrained smooth non-convex optimization. Computational Optimization and Applications, 2022, 82, 175-224.	1.6	8
10	Accelerate stochastic subgradient method by leveraging local growth condition. Analysis and Applications, 2019, 17, 773-818.	2.2	4
11	A trade execution model under a composite dynamic coherent risk measure. Operations Research Letters, 2015, 43, 52-58.	0.7	3
12	A smoothing stochastic gradient method for composite optimization. Optimization Methods and Software, 2014, 29, 1281-1301.	2.4	2
13	On Data Preconditioning for Regularized Loss Minimization. Machine Learning, 2016, 103, 57-79.	5.4	2
14	High-dimensional model recovery from random sketched data by exploring intrinsic sparsity. Machine Learning, 2020, 109, 899-938.	5.4	0
15	Comparison-Based Algorithms for One-Dimensional Stochastic Convex Optimization. INFORMS Journal on Optimization, 2020, 2, 34-56.	1.4	0
16	Distributionally Robust Optimization with Confidence Bands for Probability Density Functions. INFORMS Journal on Optimization, 2022, 4, 65-89.	1.4	0
17	Bayesian Decision Process for Budget-efficient Crowdsourced Clustering. , 2020, , .		0