Rahul Mazumder

List of Publications by Year
in descending order

19 papers	1,326 citations	1039880 9 h-index	887953 17 g-index
20 all docs	20 docs citations	20 times ranked	1681 citing authors

#	Article	IF	Citations
1	Best subset selection via a modern optimization lens. Annals of Statistics, 2016, 44, .	1.4	366
2	Spectral Regularization Algorithms for Learning Large Incomplete Matrices. Journal of Machine Learning Research, 2010, 11, 2287-2322.	62.4	326
3	<i>SparseNet</i>: Coordinate Descent With Nonconvex Penalties. Journal of the American Statistical Association, 2011, 106, 1125-1138.	1.8	303
4	The graphical lasso: New insights and alternatives. Electronic Journal of Statistics, 2012, 6, 2125-2149.	0.4	179
5	Fast Best Subset Selection: Coordinate Descent and Local Combinatorial Optimization Algorithms. Operations Research, 2020, 68, 1517-1537.	1.2	55
6	A Computational Framework for Multivariate Convex Regression and Its Variants. Journal of the American Statistical Association, 2019, 114, 318-331.	1.8	23
7	Sparse regression at scale: branch-and-bound rooted in first-order optimization. Mathematical Programming, 2022, 196, 347-388.	1.6	16
8	Randomized Gradient Boosting Machine. SIAM Journal on Optimization, 2020, 30, 2780-2808.	1.2	15
9	Analysis of correlations between local geographic atrophy growth rates and local OCT angiography-measured choriocapillaris flow deficits. Biomedical Optics Express, 2021, 12, 4573.	1.5	11
10	Subset Selection with Shrinkage: Sparse Linear Modeling When the SNR Is Low. Operations Research, 2023, 71, 129-147.	1.2	11
11	Computation of the maximum likelihood estimator in low-rank factor analysis. Mathematical Programming, 2019, 176, 279-310.	1.6	6
12	The Discrete Dantzig Selector: Estimating Sparse Linear Models via Mixed Integer Linear Optimization. IEEE Transactions on Information Theory, 2017, , 1-1.	1.5	4
13	Integration of survival data from multiple studies. Biometrics, 2022, 78, 1365-1376.	0.8	3
14	Matrix completion with nonconvex regularization: spectral operators and scalable algorithms. Statistics and Computing, 2020, 30, 1113-1138.	0.8	2
15	Using â„"1-Relaxation and Integer Programming to Obtain Dual Bounds for Sparse PCA. Operations Research, 2022, 70, 1914-1932.	1.2	2
16	Discussion of â€œBest Subset, Forward Stepwise or Lasso? Analysis and Recommendations Based on Extensive Comparisonsâ€. Statistical Science, 2020, 35, .	1.6	2
17	Fluid flow pattern analysis in a trough region: a nonparametric approach. Journal of Applied Statistics, 2008, 35, 633-645.	0.6	1
18	Linear Regression with Mismatched Data: A Provably Optimal Local Search Algorithm. Lecture Notes in Computer Science, 2021, , 443-457.	1.0	1

#	Article	IF	Citations
19	Learning a Mixture of Gaussians via Mixed-Integer Optimization. INFORMS Journal on Optimization, 2019, 1, 221-240.	0.9	0