

# Rahul Mazumder

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

874  
citations

7  
h-index

20  
g-index

20  
ext. papers

1,088  
ext. citations

3.4  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
16	Spectral Regularization Algorithms for Learning Large Incomplete Matrices. <i>Journal of Machine Learning Research</i> , <b>2010</b> , 11, 2287-2322	28.6	257
15	Best subset selection via a modern optimization lens. <i>Annals of Statistics</i> , <b>2016</b> , 44,	3.2	222
14	: Coordinate Descent With Nonconvex Penalties. <i>Journal of the American Statistical Association</i> , <b>2011</b> , 106, 1125-1138	2.8	218
13	The graphical lasso: New insights and alternatives. <i>Electronic Journal of Statistics</i> , <b>2012</b> , 6, 2125-2149	1.2	124
12	Fast Best Subset Selection: Coordinate Descent and Local Combinatorial Optimization Algorithms. <i>Operations Research</i> , <b>2020</b> , 68, 1517-1537	2.3	16
11	A Computational Framework for Multivariate Convex Regression and Its Variants. <i>Journal of the American Statistical Association</i> , <b>2019</b> , 114, 318-331	2.8	12
10	Randomized Gradient Boosting Machine. <i>SIAM Journal on Optimization</i> , <b>2020</b> , 30, 2780-2808	2	7
9	Sparse regression at scale: branch-and-bound rooted in first-order optimization. <i>Mathematical Programming</i> , 1	2.1	4
8	Computation of the maximum likelihood estimator in low-rank factor analysis. <i>Mathematical Programming</i> , <b>2019</b> , 176, 279-310	2.1	3
7	Analysis of correlations between local geographic atrophy growth rates and local OCT angiography-measured choriocapillaris flow deficits. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 4573-4595	3.5	3
6	. <i>IEEE Transactions on Information Theory</i> , <b>2017</b> , 1-1	2.8	2
5	Matrix completion with nonconvex regularization: spectral operators and scalable algorithms. <i>Statistics and Computing</i> , <b>2020</b> , 30, 1113-1138	1.8	1
4	Fluid flow pattern analysis in a trough region: a nonparametric approach. <i>Journal of Applied Statistics</i> , <b>2008</b> , 35, 633-645	1	1
3	Discussion of Best Subset, Forward Stepwise or Lasso? Analysis and Recommendations Based on Extensive Comparisons. <i>Statistical Science</i> , <b>2020</b> , 35,	2.4	1
2	Linear Regression with Mismatched Data: A Provably Optimal Local Search Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 443-457	0.9	0
1	Learning a Mixture of Gaussians via Mixed-Integer Optimization. <i>INFORMS Journal on Optimization</i> , <b>2019</b> , 1, 221-240	1.6	