

Rina Barber

List of Publications by Year in Descending Order

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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.

20
papers

2,676
citations

11
h-index

24
g-index

24
ext. papers

3,162
ext. citations

4.8
avg, IF

6.39
L-index

#	Paper	IF	Citations
20	The limits of distribution-free conditional predictive inference. <i>Information and Inference</i> , 2021 , 10, 455-482	1.2	12
19	The bias of isotonic regression. <i>Electronic Journal of Statistics</i> , 2020 , 14, 801-834	1.2	4
18	The conditional permutation test for independence while controlling for confounders. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2020 , 82, 175-197	3.9	18
17	Between hard and soft thresholding: optimal iterative thresholding algorithms. <i>Information and Inference</i> , 2020 , 9, 899-933	2.4	5
16	An Equivalence between Critical Points for Rank Constraints Versus Low-Rank Factorizations. <i>SIAM Journal on Optimization</i> , 2020 , 30, 2927-2955	2	1
15	On the construction of knockoffs in case-control studies. <i>Stat</i> , 2019 , 8, e225	0.7	2
14	Multiple testing with the structure-adaptive Benjamini-Hochberg algorithm. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2019 , 81, 45-74	3.9	35
13	Estimating the spectrum in computed tomography via Kullback-Leibler divergence constrained optimization. <i>Medical Physics</i> , 2019 , 46, 81-92	4.4	12
12	Discretized conformal prediction for efficient distribution-free inference. <i>Stat</i> , 2018 , 7, e173	0.7	4
11	Gradient descent with non-convex constraints: local concavity determines convergence. <i>Information and Inference</i> , 2018 , 7, 755-806	2.4	7
10	Accumulation Tests for FDR Control in Ordered Hypothesis Testing. <i>Journal of the American Statistical Association</i> , 2017 , 112, 837-849	2.8	22
9	A Spectral CT Method to Directly Estimate Basis Material Maps From Experimental Photon-Counting Data. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 1808-1819	11.7	25
8	The p-filter: multilayer false discovery rate control for grouped hypotheses. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017 , 79, 1247-1268	3.9	20
7	Inferring skeletal production from time-averaged assemblages: skeletal loss pulls the timing of production pulses towards the modern period. <i>Paleobiology</i> , 2016 , 42, 54-76	2.6	28
6	MOCCA: Mirrored Convex/Concave Optimization for Nonconvex Composite Functions. <i>Journal of Machine Learning Research</i> , 2016 , 17, 1-51	28.6	2214
5	Controlling the false discovery rate via knockoffs. <i>Annals of Statistics</i> , 2015 , 43,	3.2	211
4	Long-term accumulation of carbonate shells reflects a 100-fold drop in loss rate. <i>Geology</i> , 2014 , 42, 819-822	3.2	45

3	Privacy: A few definitional aspects and consequences for minimax mean-squared error 2014 ,	1
2	With Malice Toward None: Assessing Uncertainty via Equalized Coverage	5
1	Fast and Flexible Estimation of Effective Migration Surfaces	1