Rina Barber

List of Publications by Year
in descending order

21 papers	4,620 citations	686830 13 h-index	752256 20 g-index
24 all docs	24 docs citations	24 times ranked	6472 citing authors

#	Article	IF	Citations
1	MOCCA: Mirrored Convex/Concave Optimization for Nonconvex Composite Functions. Journal of Machine Learning Research, 2016, 17, 1-51.	62.4	3,761
2	Controlling the false discovery rate via knockoffs. Annals of Statistics, 2015, 43, .	1.4	381
3	Multiple Testing with the Structure-Adaptive Benjaminiâ€“Hochberg Algorithm. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2019, 81, 45-74.	1.1	77
4	Long-term accumulation of carbonate shells reflects a 100-fold drop in loss rate. Geology, 2014, 42, 819-822.	2.0	60
5	The Conditional Permutation Test for Independence While Controlling for Confounders. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2020, 82, 175-197.	1.1	43
6	A Spectral CT Method to Directly Estimate Basis Material Maps From Experimental Photon-Counting Data. IEEE Transactions on Medical Imaging, 2017, 36, 1808-1819.	5.4	41
7	Inferring skeletal production from time-averaged assemblages: skeletal loss pulls the timing of production pulses towards the modern period. Paleobiology, 2016, 42, 54-76.	1.3	37
8	Accumulation Tests for FDR Control in Ordered Hypothesis Testing. Journal of the American Statistical Association, 2017, 112, 837-849.	1.8	32
9	The limits of distribution-free conditional predictive inference. Information and Inference, 2021, 10, 455-482.	0.9	32
10	The p-filter: Multilayer False Discovery Rate Control for Grouped Hypotheses. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 1247-1268.	1.1	30
11	Fast and flexible estimation of effective migration surfaces. ELife, 2021, 10, .	2.8	28
12	Estimating the spectrum in computed tomography via Kullbackâ€“Leibler divergence constrained optimization. Medical Physics, 2019, 46, 81-92.	1.6	22
13	Between hard and soft thresholding: optimal iterative thresholding algorithms. Information and Inference, 2020, 9, 899-933.	0.9	16
14	Gradient descent with non-convex constraints: local concavity determines convergence. Information and Inference, 2018, 7, 755-806.	0.9	11
15	With Malice Toward None: Assessing Uncertainty via Equalized Coverage. , 0, , .		11
16	Addressing CT metal artifacts using photonâ€counting detectors and oneâ€step spectral CT image reconstruction. Medical Physics, 2022, 49, 3021-3040.	1.6	11
17	An Equivalence between Critical Points for Rank Constraints Versus Low-Rank Factorizations. SIAM Journal on Optimization, 2020, 30, 2927-2955.	1.2	9
18	Discretized conformal prediction for efficient distributionâ€free inference. Stat, 2018, 7, e173.	0.3	7

#	Article	IF	Citations
19	The bias of isotonic regression. Electronic Journal of Statistics, 2020, 14, 801-834.	0.4	4
20	On the construction of knockoffs in caseâ€“control studies. Stat, 2019, 8, e225.	0.3	3
21	Privacy: A few definitional aspects and consequences for minimax mean-squared error. , 2014, , .		1