Cun-Hui Zhang

List of Publications by Year
in descending order

33 papers	2,129 citations	516710 16 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	1634 citing authors

#	Article	IF	Citations
1	Factor Models for High-Dimensional Tensor Time Series. Journal of the American Statistical Association, 2022, 117, 94-116.	3.1	25
2	Rank determination in tensor factor model. Electronic Journal of Statistics, 2022, 16, .	0.7	8
3	De-biasing the lasso with degrees-of-freedom adjustment. Bernoulli, 2022, 28, .	1.3	5
4	Statistically optimal and computationally efficient low rank tensor completion from noisy entries. Annals of Statistics, 2021, 49, .	2.6	13
5	Second-order Stein: SURE for SURE and other applications in high-dimensional inference. Annals of Statistics, 2021, 49, .	2.6	9
6	Confidence intervals for multiple isotonic regression and other monotone models. Annals of Statistics, 2021, 49, .	2.6	4
7	Group-Linear Empirical Bayes Estimates for a Heteroscedastic Normal Mean. Journal of the American Statistical Association, 2018, 113, 698-710.	3.1	22
8	High-dimensional simultaneous inference with the bootstrap. Test, 2017, 26, 685-719.	1.1	65
9	Rejoinder on: High-dimensional simultaneous inference with the bootstrap. Test, 2017, 26, 751-758.	1.1	1
10	Incoherent Tensor Norms and Their Applications in Higher Order Tensor Completion. IEEE Transactions on Information Theory, 2017, 63, 6753-6766.	2.4	33
11	The benefit of group sparsity in group inference with de-biased scaled group Lasso. Electronic Journal of Statistics, 2016, 10, .	0.7	26
12	Lasso adjustments of treatment effect estimates in randomized experiments. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7383-7390.	7.1	109
13	On Tensor Completion via Nuclear Norm Minimization. Foundations of Computational Mathematics, 2016, 16, 1031-1068.	2.5	135
14	Paths Following Algorithm for Penalized Logistic Regression Using SCAD and MCP. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 1064-1077.	1.2	3
15	Confidence Intervals for Low Dimensional Parameters in High Dimensional Linear Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2014, 76, 217-242.	2.2	536
16	A nonparametric empirical Bayes approach to adaptive minimax estimation. Journal of Multivariate Analysis, 2013, 122, 82-95.	1.0	2
17	Correlated variables in regression: Clustering and sparse estimation. Journal of Statistical Planning and Inference, 2013, 143, 1835-1858.	0.6	111
18	Estimation and Selection via Absolute Penalized Convex Minimization And Its Multistage Adaptive Applications. Journal of Machine Learning Research, 2012, 13, 1839-1864.	62.4	24

#	Article	IF	Citations
19	The sparse Laplacian shrinkage estimator for high-dimensional regression. Annals of Statistics, 2011, 39, 2021-2046.	2.6	72
20	Comments on: ℓ_1-penalization for mixture regression models. Test, 2010, 19, 270-275.	1.1	27
21	A group bridge approach for variable selection. Biometrika, 2009, 96, 339-355.	2.4	257
22	Confidence Intervals for Population Ranks in the Presence of Ties and Near Ties. Journal of the American Statistical Association, 2009, 104, 775-788.	3.1	19
23	The sparsity and bias of the Lasso selection in high-dimensional linear regression. Annals of Statistics, 2008, 36, .	2.6	488
24	Fast functional magnetic resonance imaging—a new approach towards neuroimaging. Statistics and Its Interface, 2008, 1, 13-21.	0.3	2
25	Continuous Generalized Gradient Descent. Journal of Computational and Graphical Statistics, 2007, 16, 761-781.	1.7	4
26	Measures of Network Vulnerability. IEEE Signal Processing Letters, 2007, 14, 313-316.	3.6	12
27	THE UPPER LIMIT OF A NORMALIZED RANDOM WALK. , 2006, , .		0
28	A Two-Way Semilinear Model for Normalization and Analysis of cDNA Microarray Data. Journal of the American Statistical Association, 2005, 100, 814-829.	3.1	29
29	A modified Weiszfeld algorithm for the Fermat-Weber location problem. Mathematical Programming, 2001, 90, 559-566.	2.4	73
30	Some Moment and Exponential Inequalities for V-Statistics with Bounded Kernels. Journal of Theoretical Probability, 2001, 14, 511-525.	0.8	0
31	Moments of Some Stopping Rules. Journal of the London Mathematical Society, 1998, 57, 503-512.	1.0	0
32	A decomposition for some U-type statistics. Journal of Theoretical Probability, 1996, 9, 161-170.	0.8	3
33	On integrability in the LIL for degenerate U-statistics. Journal of Theoretical Probability, 1996, 9, 385-412.	0.8	11