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	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
2	The sparsity and bias of the Lasso selection in high-dimensional linear regression. Annals of Statistics, 2008, 36, .	2.6	488
3	A group bridge approach for variable selection. Biometrika, 2009, 96, 339-355.	2.4	257
4	On Tensor Completion via Nuclear Norm Minimization. Foundations of Computational Mathematics, 2016, 16, 1031-1068.	2.5	135
5	Correlated variables in regression: Clustering and sparse estimation. Journal of Statistical Planning and Inference, 2013, 143, 1835-1858.	0.6	111
6	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
7	A modified Weiszfeld algorithm for the Fermat-Weber location problem. Mathematical Programming, 2001, 90, 559-566.	2.4	73
8	The sparse Laplacian shrinkage estimator for high-dimensional regression. Annals of Statistics, 2011, 39, 2021-2046.	2.6	72
9	High-dimensional simultaneous inference with the bootstrap. Test, 2017, 26, 685-719.	1.1	65
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	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
12	Comments on: â„" 1-penalization for mixture regression models. Test, 2010, 19, 270-275.	1.1	27
13	The benefit of group sparsity in group inference with de-biased scaled group Lasso. Electronic Journal of Statistics, 2016, 10, .	0.7	26
14	Factor Models for High-Dimensional Tensor Time Series. Journal of the American Statistical Association, 2022, 117, 94-116.	3.1	25
15	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
16	Group-Linear Empirical Bayes Estimates for a Heteroscedastic Normal Mean. Journal of the American Statistical Association, 2018, 113, 698-710.	3.1	22
17	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
18	Statistically optimal and computationally efficient low rank tensor completion from noisy entries. Annals of Statistics, 2021, 49, .	2.6	13

#	Article	IF	Citations
19	Measures of Network Vulnerability. IEEE Signal Processing Letters, 2007, 14, 313-316.	3.6	12
20	On integrability in the LIL for degenerateU-statistics. Journal of Theoretical Probability, 1996, 9, 385-412.	0.8	11
21	Second-order Stein: SURE for SURE and other applications in high-dimensional inference. Annals of Statistics, 2021, 49, .	2.6	9
22	Rank determination in tensor factor model. Electronic Journal of Statistics, 2022, 16, .	0.7	8
23	De-biasing the lasso with degrees-of-freedom adjustment. Bernoulli, 2022, 28, .	1.3	5
24	Continuous Generalized Gradient Descent. Journal of Computational and Graphical Statistics, 2007, 16, 761-781.	1.7	4
25	Confidence intervals for multiple isotonic regression and other monotone models. Annals of Statistics, 2021, 49, .	2.6	4
26	A decomposition for someU-type statistics. Journal of Theoretical Probability, 1996, 9, 161-170.	0.8	3
27	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
28	A nonparametric empirical Bayes approach to adaptive minimax estimation. Journal of Multivariate Analysis, 2013, 122, 82-95.	1.0	2
29	Fast functional magnetic resonance imagingâ€"a new approach towards neuroimaging. Statistics and Its Interface, 2008, 1, 13-21.	0.3	2
30	Rejoinder on: High-dimensional simultaneous inference with the bootstrap. Test, 2017, 26, 751-758.	1.1	1
31	Moments of Some Stopping Rules. Journal of the London Mathematical Society, 1998, 57, 503-512.	1.0	0
32	Some Moment and Exponential Inequalities for V-Statistics with Bounded Kernels. Journal of Theoretical Probability, 2001, 14, 511-525.	0.8	0
33	THE UPPER LIMIT OF A NORMALIZED RANDOM WALK. , 2006, , .		0