Guang Cheng

List of Publications by Year
in descending order

25 papers	636 citations	933447 10 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	674 citing authors

#	Article	IF	Citations
1	Nonparametric Testing Under Randomized Sketching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 4280-4290.	13.9	1
2	Machine learning in/for blockchain: Future and challenges. Canadian Journal of Statistics, 2021, 49, 1364-1382.	0.9	29
3	High‑dimensional robust inference for Cox regression models using desparsified Lasso. Scandinavian Journal of Statistics, 2021, 48, 1068-1095.	1.4	3
4	Tensor Graphical Model: Non-Convex Optimization and Statistical Inference. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2024-2037.	13.9	16
5	Bayesian Fusion Estimation via t Shrinkage. Sankhya A, 2020, 82, 353-385.	0.8	5
6	Sparse and Low-Rank Tensor Estimation via Cubic Sketchings. IEEE Transactions on Information Theory, 2020, 66, 5927-5964.	2.4	19
7	Distributed Generalized Cross-Validation for Divide-and-Conquer Kernel Ridge Regression and Its Asymptotic Optimality. Journal of Computational and Graphical Statistics, 2019, 28, 891-908.	1.7	11
8	Distributed inference for quantile regression processes. Annals of Statistics, 2019, 47, .	2.6	76
9	Embracing the Blessing of Dimensionality in Factor Models. Journal of the American Statistical Association, 2018, 113, 380-389.	3.1	15
10	Gaussian approximation of general non-parametric posterior distributions. Information and Inference, 2018, 7, 509-529.	1.6	0
11	Discussion on "Double sparsity kernel learning with automatic variable selection and data extraction". Statistics and Its Interface, 2018, 11, 423-424.	0.3	0
12	Simultaneous Clustering and Estimation of Heterogeneous Graphical Models. Journal of Machine Learning Research, 2018, 18, .	62.4	7
13	Simultaneous Inference for High-Dimensional Linear Models. Journal of the American Statistical Association, 2017, 112, 757-768.	3.1	67
14	Provable Sparse Tensor Decomposition. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 899-916.	2.2	57
15	High Dimensional Inference in Partially Linear Models. SSRN Electronic Journal, 2017, , .	0.4	1
16	A partially linear framework for massive heterogeneous data. Annals of Statistics, 2016, 44, 1400-1437.	2.6	71
17	Stabilized Nearest Neighbor Classifier and its Statistical Properties. Journal of the American Statistical Association, 2016, 111, 1254-1265.	3.1	7
18	Moment Consistency of the Exchangeably Weighted Bootstrap for Semiparametric M‑estimation. Scandinavian Journal of Statistics, 2015, 42, 665-684.	1.4	28

#	Article	IF	Citations
19	Sparse and efficient estimation for partial spline models with increasing dimension. Annals of the Institute of Statistical Mathematics, 2015, 67, 93-127.	0.8	8
20	Non-convex Statistical Optimization for Sparse Tensor Graphical Model. Advances in Neural Information Processing Systems, 2015, 28, 1081-1089.	2.8	1
21	How Many Iterations are Sufficient for Efficient Semiparametric Estimation?. Scandinavian Journal of Statistics, 2013, 40, 592-618.	1.4	2
22	Local and global asymptotic inference in smoothing spline models. Annals of Statistics, 2013, 41, .	2.6	22
23	An Absorbing Markov Chain approach to understanding the microbial role in soil carbon stabilization. Biogeochemistry, 2011, 106, 303-309.	3.5	190
24	Moderate-Dimensional Inferences on Quadratic Functionals in Ordinary Least Squares. Journal of the American Statistical Association, 0, , 1-20.	3.1	0
25	Discussion on 'A review of distributed statistical inference'. Statistical Theory and Related Fields, 0, , 1-2.	0.4	0