

Guang Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

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	An Absorbing Markov Chain approach to understanding the microbial role in soil carbon stabilization. <i>Biogeochemistry</i> , 2011, 106, 303-309.	3.5	190
2	Distributed inference for quantile regression processes. <i>Annals of Statistics</i> , 2019, 47, .	2.6	76
3	A partially linear framework for massive heterogeneous data. <i>Annals of Statistics</i> , 2016, 44, 1400-1437.	2.6	71
4	Simultaneous Inference for High-Dimensional Linear Models. <i>Journal of the American Statistical Association</i> , 2017, 112, 757-768.	3.1	67
5	Provable Sparse Tensor Decomposition. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 899-916.	2.2	57
6	Machine learning in/for blockchain: Future and challenges. <i>Canadian Journal of Statistics</i> , 2021, 49, 1364-1382.	0.9	29
7	Moment Consistency of the Exchangeably Weighted Bootstrap for Semiparametric Mâ€estimation. <i>Scandinavian Journal of Statistics</i> , 2015, 42, 665-684.	1.4	28
8	Local and global asymptotic inference in smoothing spline models. <i>Annals of Statistics</i> , 2013, 41, .	2.6	22
9	Sparse and Low-Rank Tensor Estimation via Cubic Sketchings. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 5927-5964.	2.4	19
10	Tensor Graphical Model: Non-Convex Optimization and Statistical Inference. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020, 42, 2024-2037.	13.9	16
11	Embracing the Blessing of Dimensionality in Factor Models. <i>Journal of the American Statistical Association</i> , 2018, 113, 380-389.	3.1	15
12	Distributed Generalized Cross-Validation for Divide-and-Conquer Kernel Ridge Regression and Its Asymptotic Optimality. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 891-908.	1.7	11
13	Sparse and efficient estimation for partial spline models with increasing dimension. <i>Annals of the Institute of Statistical Mathematics</i> , 2015, 67, 93-127.	0.8	8
14	Stabilized Nearest Neighbor Classifier and its Statistical Properties. <i>Journal of the American Statistical Association</i> , 2016, 111, 1254-1265.	3.1	7
15	Simultaneous Clustering and Estimation of Heterogeneous Graphical Models. <i>Journal of Machine Learning Research</i> , 2018, 18, .	62.4	7
16	Bayesian Fusion Estimation via t Shrinkage. <i>Sankhya A</i> , 2020, 82, 353-385.	0.8	5
17	Highâ€dimensional robust inference for Cox regression models using desparsified Lasso. <i>Scandinavian Journal of Statistics</i> , 2021, 48, 1068-1095.	1.4	3
18	How Many Iterations are Sufficient for Efficient Semiparametric Estimation?. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 592-618.	1.4	2

#	ARTICLE	IF	CITATIONS
19	High Dimensional Inference in Partially Linear Models. SSRN Electronic Journal, 2017, , .	0.4	1
20	Nonparametric Testing Under Randomized Sketching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 4280-4290.	13.9	1
21	Non-convex Statistical Optimization for Sparse Tensor Graphical Model. Advances in Neural Information Processing Systems, 2015, 28, 1081-1089.	2.8	1
22	Gaussian approximation of general non-parametric posterior distributions. Information and Inference, 2018, 7, 509-529.	1.6	0
23	Moderate-Dimensional Inferences on Quadratic Functionals in Ordinary Least Squares. Journal of the American Statistical Association, 0, , 1-20.	3.1	0
24	Discussion on "Double sparsity kernel learning with automatic variable selection and data extraction". Statistics and Its Interface, 2018, 11, 423-424.	0.3	0
25	Discussion on "A review of distributed statistical inference". Statistical Theory and Related Fields, 0, , 1-2.	0.4	0