Bing Li

List of Publications by Year
in descending order

40 papers	2,519 citations	361413 20 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	1263 citing authors

#	Article	IF	Citations
1	Improving generalised estimating equations using quadratic inference functions. Biometrika, 2000, 87, 823-836.	2.4	336
2	On Directional Regression for Dimension Reduction. Journal of the American Statistical Association, 2007, 102, 997-1008.	3.1	330
3	The Set2 Histone Methyltransferase Functions through the Phosphorylated Carboxyl-terminal Domain of RNA Polymerase II. Journal of Biological Chemistry, 2003, 278, 8897-8903.	3.4	307
4	Dimension reduction for conditional mean in regression. Annals of Statistics, 2002, 30, 455.	2.6	256
5	Contour regression: A general approach to dimension reduction. Annals of Statistics, 2005, 33, 1580.	2.6	202
6	Successive direction extraction for estimating the central subspace in a multiple-index regression. Journal of Multivariate Analysis, 2008, 99, 1733-1757.	1.0	138
7	Sufficient dimensions reduction in regressions with categorical predictors. Annals of Statistics, 2002, 30, 475.	2.6	116
8	Dimension reduction for nonelliptically distributed predictors. Annals of Statistics, 2009, 37, .	2.6	88
9	On dimension folding of matrix- or array-valued statistical objects. Annals of Statistics, 2010, 38, .	2.6	83
10	Principal support vector machines for linear and nonlinear sufficient dimension reduction. Annals of Statistics, 2011, 39, .	2.6	71
11	On a Projective Resampling Method for Dimension Reduction With Multivariate Responses. Journal of the American Statistical Association, 2008, 103, 1177-1186.	3.1	67
12	Dimension reduction for the conditional mean in regressions with categorical predictors. Annals of Statistics, 2003, 31, 1636.	2.6	57
13	A general theory for nonlinear sufficient dimension reduction: Formulation and estimation. Annals of Statistics, 2013, 41, .	2.6	57
14	Sparse Estimation of Conditional Graphical Models With Application to Gene Networks. Journal of the American Statistical Association, 2012, 107, 152-167.	3.1	49
15	Nonlinear sufficient dimension reduction for functional data. Annals of Statistics, 2017, 45, .	2.6	38
16	Groupwise Dimension Reduction. Journal of the American Statistical Association, 2010, 105, 1188-1201.	3.1	37
17	Statistical inference in massive data sets. Applied Stochastic Models in Business and Industry, 2013, 29, 399-409.	1.5	36
18	A Nonparametric Graphical Model for Functional Data With Application to Brain Networks Based on fMRI. Journal of the American Statistical Association, 2018, 113, 1637-1655.	3.1	36

#	Article	IF	Citations
19	Independent component analysis for tensor-valued data. Journal of Multivariate Analysis, 2017, 162, 172-192.	1.0	26
20	On an Additive Semigraphoid Model for Statistical Networks With Application to Pathway Analysis. Journal of the American Statistical Association, 2014, 109, 1188-1204.	3.1	21
21	Groupwise Dimension Reduction via Envelope Method. Journal of the American Statistical Association, 2015, 110, 1515-1527.	3.1	20
22	Joint conditional Gaussian graphical models with multiple sources of genomic data. Frontiers in Genetics, 2013, 4, 294.	2.3	17
23	Variable Selection via Additive Conditional Independence. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 1037-1055.	2.2	17
24	Multiscale Entropy and Its Implications to Critical Phenomena, Emergent Behaviors, and Information. Journal of Phase Equilibria and Diffusion, 2019, 40, 508-521.	1.4	17
25	On an additive partial correlation operator and nonparametric estimation of graphical models. Biometrika, 2016, 103, 513-530.	2.4	14
26	Linear operatorâ€based statistical analysis: A useful paradigm for big data. Canadian Journal of Statistics, 2018, 46, 79-103.	0.9	13
27	A Graduate Course on Statistical Inference. Springer Texts in Statistics, 2019, , .	6.7	13
28	Copula Gaussian Graphical Models for Functional Data. Journal of the American Statistical Association, 2022, 117, 781-793.	3.1	13
29	On order determination by predictor augmentation. Biometrika, 2021, 108, 557-574.	2.4	12
30	JADE for Tensor-Valued Observations. Journal of Computational and Graphical Statistics, 2018, 27, 628-637.	1.7	10
31	Structured Ordinary Least Squares: A Sufficient Dimension Reduction Approach for Regressions with Partitioned Predictors and Heterogeneous Units. Biometrics, 2017, 73, 529-539.	1.4	4
32	Dimension reduction for functional data based on weak conditional moments. Annals of Statistics, 2022, 50, .	2.6	4
33	M-Estimates of regression when the scale is unknown and the error distribution is possibly asymmetric: A minimax result. Canadian Journal of Statistics, 1996, 24, 193-206.	0.9	3
34	Nonparametric tests for bounds on the derivative of a regression function. Annals of the Institute of Statistical Mathematics, 1996, 48, 315-336.	0.8	3
35	Comments on: Augmenting the bootstrap to analyze high dimensional genomic data. Test, 2008, 17, 19-21.	1.1	3
36	Statistical learning on emerging economies. Journal of Applied Statistics, 2018, 45, 487-507.	1.3	3

#	Article	IF	Citations
37	Nonparametric Functional Graphical Modeling Through Functional Additive Regression Operator. Journal of the American Statistical Association, 2023, 118, 1718-1732.	3.1	2
38	A Note on the Invariance Law for Surrogate Dimension Reduction. Communications in Statistics - Theory and Methods, 2010, 39, 2721-2724.	1.0	0
39	A Revisit to Le Camâ€™s First Lemma. Sankhya A, 2021, 83, 597-606.	0.8	0
40	Covarianceâ€based lowâ€dimensional registration for functionâ€onâ€function regression. Stat, 2021, 10, e404.	0.4	0