

Biao Zhang

List of Publications by Year in descending order

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42
papers

513
citations

759233

12
h-index

677142

22
g-index

42
all docs

42
docs citations

42
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical-likelihood-based inference in missing response problems and its application in observational studies. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2007, 69, 101.	2.2	101
2	Using logistic regression procedures for estimating receiver operating characteristic curves. <i>Biometrika</i> , 2003, 90, 585-596.	2.4	58
3	Empirical Likelihood in Missing Data Problems. <i>Journal of the American Statistical Association</i> , 2009, 104, 1492-1503.	3.1	58
4	Efficient and Doubly Robust Imputation for Covariate-Dependent Missing Responses. <i>Journal of the American Statistical Association</i> , 2008, 103, 797-810.	3.1	52
5	Quantile Estimation under a Two-Sample Semi-Parametric Model. <i>Bernoulli</i> , 2000, 6, 491.	1.3	30
6	Smooth semiparametric receiver operating characteristic curves for continuous diagnostic tests. <i>Statistics in Medicine</i> , 2007, 26, 2565-2586.	1.6	29
7	Best combination of multiple diagnostic tests for screening purposes. <i>Statistics in Medicine</i> , 2010, 29, 2905-2919.	1.6	18
8	Efficient Augmented Inverse Probability Weighted Estimation in Missing Data Problems. <i>Journal of Business and Economic Statistics</i> , 2017, 35, 86-97.	2.9	17
9	Quantile Processes in the Presence of Auxiliary Information. <i>Annals of the Institute of Statistical Mathematics</i> , 1997, 49, 35-55.	0.8	13
10	Estimating a distribution function in the presence of auxiliary information. <i>Metrika</i> , 1997, 46, 221-244.	0.8	13
11	An em algorithm for a semiparametric finite mixture model. <i>Journal of Statistical Computation and Simulation</i> , 2002, 72, 791-802.	1.2	12
12	Density estimation under a two-sample semiparametric model. <i>Journal of Nonparametric Statistics</i> , 2005, 17, 665-683.	0.9	12
13	A semiparametric hypothesis testing procedure for the ROC curve area under a density ratio model. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 1855-1876.	1.2	10
14	Prospective and retrospective analyses under logistic regression models. <i>Journal of Multivariate Analysis</i> , 2006, 97, 211-230.	1.0	10
15	Comparing correlated ROC curves for continuous diagnostic tests under density ratio models. <i>Computational Statistics and Data Analysis</i> , 2008, 53, 233-245.	1.2	9
16	On the accuracy of empirical likelihood confidence intervals for M -Functionals. <i>Journal of Nonparametric Statistics</i> , 1996, 6, 311-321.	0.9	8
17	Estimating the treatment effect in the two-sample problem with auxiliary information. <i>Journal of Nonparametric Statistics</i> , 2000, 12, 377-389.	0.9	8
18	M-estimation Under a Two-Sample Semiparametric Model. <i>Scandinavian Journal of Statistics</i> , 2000, 27, 263-280.	1.4	8

#	ARTICLE	IF	CITATIONS
19	An Improved Goodness-of-Fit Test for Logistic Regression Models Based on Case-Control Data by Random Partition. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2009, 38, 233-243.	1.2	7
20	Empirical Likelihood in Causal Inference. <i>Econometric Reviews</i> , 2016, 35, 201-231.	1.1	5
21	Information borrowing methods for covariate-adjusted ROC curve. <i>Canadian Journal of Statistics</i> , 2012, 40, 569-587.	0.9	4
22	Semiparametric empirical likelihood confidence intervals for AUC under a density ratio model. <i>Computational Statistics and Data Analysis</i> , 2014, 70, 101-115.	1.2	4
23	Empirical Likelihood in Nonignorable Covariate-Missing Data Problems. <i>International Journal of Biostatistics</i> , 2017, 13, .	0.7	4
24	Semiparametric ROC surfaces for continuous diagnostic tests based on two test measurements. <i>Statistics in Medicine</i> , 2009, 28, 2370-2383.	1.6	3
25	An alternative empirical likelihood method in missing response problems and causal inference. <i>Statistics in Medicine</i> , 2016, 35, 5009-5028.	1.6	3
26	Constrained empirical likelihood confidence regions in nonignorable covariate-missing data problems. <i>Statistics in Medicine</i> , 2019, 38, 452-479.	1.6	3
27	Assessing goodness-of-fit of categorical regression models based on case-control data. <i>Australian and New Zealand Journal of Statistics</i> , 2004, 46, 407-423.	0.9	2
28	Semiparametric ROC surface estimation for continuous diagnostic tests via polytomous logistic regression procedures. <i>Journal of Statistical Computation and Simulation</i> , 2013, 83, 2195-2205.	1.2	2
29	Empirical Likelihood Confidence Intervals for the Difference of Areas Under Two Correlated ROC Curves. <i>Journal of Statistical Theory and Practice</i> , 2014, 8, 482-508.	0.5	2
30	Using logistic regression for semiparametric comparison of population means and variances. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 2485-2503.	1.0	2
31	A score test under logistic regression models based on case-control data. <i>Statistica Neerlandica</i> , 2006, 60, 477-496.	1.6	1
32	A score test under a semiparametric finite mixture model. <i>Journal of Statistical Computation and Simulation</i> , 2006, 76, 691-703.	1.2	1
33	A Goodness-of-Fit Test for Logistic Regression Models in Stratified Case-Control Studies via Empirical Likelihood. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3988-4000.	1.0	1
34	Optimal estimating functions in incomplete data and length biased sampling data problems. <i>Canadian Journal of Statistics</i> , 2011, 39, 510-518.	0.9	1
35	Efficient and doubly robust estimation in covariate-missing data problems. <i>Journal of Statistics and Management Systems</i> , 2015, 18, 213-250.	0.6	1
36	Empirical likelihood inference in randomized clinical trials. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3770-3784.	1.5	1

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37	Some asymptotic results for the residual maximum likelihood estimation of the parameters of a spatial process. <i>Communications in Statistics - Theory and Methods</i> , 1994, 23, 1617-1649.	1.0	0
38	A Partial Empirical Likelihood Based Score Test Under a Semiparametric Finite Mixture Model. <i>Annals of the Institute of Statistical Mathematics</i> , 2006, 58, 707-719.	0.8	0
39	Constrained Maximum Likelihood Estimation under Logistic Regression Models Based on Case-Control Data. <i>Journal of Statistical Theory and Practice</i> , 2008, 2, 369-383.	0.5	0
40	Enriching Surveys with Supplementary Data and its Application to Studying Wage Regression. <i>Scandinavian Journal of Statistics</i> , 2015, 42, 155-179.	1.4	0
41	Doubly robust empirical likelihood inference in covariate-missing data problems. <i>Statistics</i> , 2016, 50, 1173-1194.	0.6	0
42	Projection-Based Inference in Randomised Clinical Trials. <i>International Statistical Review</i> , 2019, 87, 263-284.	1.9	0