

Haiying Wang

List of Publications by Year in descending order

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307
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Optimal Subsampling for Large Sample Logistic Regression. Journal of the American Statistical Association, 2018, 113, 829-844. | 3.1 | 149 |
| 2 | Information-Based Optimal Subdata Selection for Big Data Linear Regression. Journal of the American Statistical Association, 2019, 114, 393-405. | 3.1 | 118 |
| 3 | Optimal subsampling for quantile regression in big data. Biometrika, 2021, 108, 99-112. | 2.4 | 65 |
| 4 | Optimal Distributed Subsampling for Maximum Quasi-Likelihood Estimators With Massive Data. Journal of the American Statistical Association, 2022, 117, 265-276. | 3.1 | 47 |
| 5 | Understanding the influence of climate change on the embodied energy of water supply. Water Research, 2016, 95, 220-229. | 11.3 | 35 |
| 6 | Optimal subsampling for softmax regression. Statistical Papers, 2019, 60, 585-599. | 1.2 | 33 |
| 7 | Model averaging for varying-coefficient partially linear measurement error models. Electronic Journal of Statistics, 2012, 6, . | 0.7 | 24 |
| 8 | Interval Estimation by Frequentist Model Averaging. Communications in Statistics - Theory and Methods, 2013, 42, 4342-4356. | 1.0 | 21 |
| 9 | Influences of water quality and climate on the water-energy nexus: A spatial comparison of two water systems. Journal of Environmental Management, 2018, 218, 613-621. | 7.8 | 19 |
| 10 | An online updating approach for testing the proportional hazards assumption with streams of survival data. Biometrics, 2020, 76, 171-182. | 1.4 | 18 |
| 11 | A Review on Optimal Subsampling Methods for Massive Datasets. Journal of Data Science, 2021, , 151-172. | 0.9 | 17 |
| 12 | Distributed subdata selection for big data via sampling-based approach. Computational Statistics and Data Analysis, 2021, 153, 107072. | 1.2 | 16 |
| 13 | Information-based optimal subdata selection for big data logistic regression. Journal of Statistical Planning and Inference, 2020, 209, 112-122. | 0.6 | 15 |
| 14 | Adaptive LASSO for varying-coefficient partially linear measurement error models. Journal of Statistical Planning and Inference, 2013, 143, 40-54. | 0.6 | 13 |
| 15 | Divide-and-Conquer Information-Based Optimal Subdata Selection Algorithm. Journal of Statistical Theory and Practice, 2019, 13, 1. | 0.5 | 13 |
| 16 | Sampling-based estimation for massive survival data with additive hazards model. Statistics in Medicine, 2021, 40, 441-450. | 1.6 | 13 |
| 17 | Induction of activity synchronization among primed hippocampal neurons out of random dynamics is key for trace memory formation and retrieval. FASEB Journal, 2020, 34, 3658-3676. | 0.5 | 11 |
| 18 | Linear Model Selection When Covariates Contain Errors. Journal of the American Statistical Association, 2017, 112, 1553-1561. | 3.1 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Subdata selection algorithm for linear model discrimination. <i>Statistical Papers</i> , 2022, 63, 1883-1906. | 1.2 | 10 |
| 20 | Focused and Model Average Estimation for Regression Analysis of Panel Count Data. <i>Scandinavian Journal of Statistics</i> , 2015, 42, 732-745. | 1.4 | 7 |
| 21 | Comparative Phosphoproteomic Profiling of Type III Adenylyl Cyclase Knockout and Control, Male, and Female Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 34. | 3.7 | 7 |
| 22 | Optimal subsample selection for massive logistic regression with distributed data. <i>Computational Statistics</i> , 2021, 36, 2535-2562. | 1.5 | 7 |
| 23 | Fast Optimal Subsampling Probability Approximation for Generalized Linear Models. <i>Econometrics and Statistics</i> , 2024, 29, 224-237. | 0.8 | 6 |
| 24 | Online updating method to correct for measurement error in big data streams. <i>Computational Statistics and Data Analysis</i> , 2020, 149, 106976. | 1.2 | 6 |
| 25 | Sequential online subsampling for thinning experimental designs. <i>Journal of Statistical Planning and Inference</i> , 2021, 212, 169-193. | 0.6 | 5 |
| 26 | A Selective Review on Statistical Techniques for Big Data. <i>Emerging Topics in Statistics and Biostatistics</i> , 2021, , 223-245. | 0.1 | 4 |
| 27 | A new bounded log-linear regression model. <i>Metrika</i> , 2014, 77, 695-720. | 0.8 | 2 |
| 28 | Regression analysis of longitudinal data with correlated censoring and observation times. <i>Lifetime Data Analysis</i> , 2016, 22, 343-362. | 0.9 | 2 |
| 29 | Iterative Likelihood: A Unified Inference Tool. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 920-933. | 1.7 | 0 |