

Zhongyi Zhu

List of Publications by Year in descending order

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59
papers

1,007
citations

516710

16
h-index

477307

29
g-index

59
all docs

59
docs citations

59
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust estimation of models for longitudinal data with dropouts and outliers. <i>Journal of Applied Statistics</i> , 2022, 49, 902-925.	1.3	1
2	Regression Analysis of Asynchronous Longitudinal Functional and Scalar Data. <i>Journal of the American Statistical Association</i> , 2022, 117, 1228-1242.	3.1	7
3	Single-index Thresholding in Quantile Regression. <i>Journal of the American Statistical Association</i> , 2022, 117, 2222-2237.	3.1	7
4	Multiply robust subgroup analysis based on a single-index threshold linear marginal model for longitudinal data with dropouts. <i>Statistics in Medicine</i> , 2022, 41, 2822-2839.	1.6	3
5	Spatially clustered varying coefficient model. <i>Journal of Multivariate Analysis</i> , 2022, 192, 105023.	1.0	1
6	Optimal prediction of quantile functional linear regression in reproducing kernel Hilbert spaces. <i>Journal of Statistical Planning and Inference</i> , 2021, 211, 162-170.	0.6	5
7	Multiply robust subgroup identification for longitudinal data with dropouts via median regression. <i>Journal of Multivariate Analysis</i> , 2021, 181, 104691.	1.0	7
8	Clusterwise functional linear regression models. <i>Computational Statistics and Data Analysis</i> , 2021, 158, 107192.	1.2	4
9	Robust Estimation for Partial Functional Linear Regression Model Based on Modal Regression. <i>Journal of Systems Science and Complexity</i> , 2020, 33, 527-544.	2.8	3
10	Statistical inference for multiple change-point models. <i>Scandinavian Journal of Statistics</i> , 2020, 47, 1149-1170.	1.4	0
11	Weighted quantile regression in varying-coefficient model with longitudinal data. <i>Computational Statistics and Data Analysis</i> , 2020, 145, 106915.	1.2	5
12	Quantile regression for functional partially linear model in ultra-high dimensions. <i>Computational Statistics and Data Analysis</i> , 2019, 129, 135-147.	1.2	33
13	Quantile regression and empirical likelihood for the analysis of longitudinal data with monotone missing responses due to dropout, with applications to quality of life measurements from clinical trials. <i>Statistics in Medicine</i> , 2019, 38, 2972-2991.	1.6	2
14	Quantile-regression-based clustering for panel data. <i>Journal of Econometrics</i> , 2019, 213, 54-67.	6.5	38
15	A novel robust approach for analysis of longitudinal data. <i>Computational Statistics and Data Analysis</i> , 2019, 138, 83-95.	1.2	2
16	Composite quantile estimation in partial functional linear regression model with dependent errors. <i>Metrika</i> , 2019, 82, 633-656.	0.8	8
17	Robust exponential squared loss-based estimation in semi-functional linear regression models. <i>Computational Statistics</i> , 2019, 34, 503-525.	1.5	10
18	Variable selection in censored quantile regression with high dimensional data. <i>Science China Mathematics</i> , 2018, 61, 641-658.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Robust estimation in linear regression models for longitudinal data with covariate measurement errors and outliers. <i>Journal of Multivariate Analysis</i> , 2018, 168, 261-275.	1.0	5
20	Composite change point estimation for bent line quantile regression. <i>Annals of the Institute of Statistical Mathematics</i> , 2017, 69, 145-168.	0.8	16
21	Conditional empirical likelihood for quantile regression models. <i>Metrika</i> , 2017, 80, 1-16.	0.8	1
22	Doubly Robust Estimation of Generalized Partial Linear Models for Longitudinal Data with Dropouts. <i>Biometrics</i> , 2017, 73, 1132-1139.	1.4	6
23	Dynamic single-index model for functional data. <i>Science China Mathematics</i> , 2016, 59, 2561-2584.	1.7	5
24	Quantile regression in longitudinal studies with dropouts and measurement errors. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 3527-3542.	1.2	2
25	Joint mean-covariance model in generalized partially linear varying coefficient models for longitudinal data. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 1166-1182.	1.2	8
26	Continuously dynamic additive models for functional data. <i>Journal of Multivariate Analysis</i> , 2016, 150, 1-13.	1.0	7
27	Robust estimation of partially linear models for longitudinal data with dropouts and measurement error. <i>Statistics in Medicine</i> , 2016, 35, 5401-5416.	1.6	8
28	Robust estimation of generalized partially linear model for longitudinal data with dropouts. <i>Annals of the Institute of Statistical Mathematics</i> , 2016, 68, 977-1000.	0.8	6
29	Threshold effect test in censored quantile regression. <i>Statistics and Probability Letters</i> , 2015, 105, 149-156.	0.7	1
30	Recurrent Events Analysis in the Presence of Terminal Event and Zero-recurrence Subjects. <i>Communications in Statistics - Theory and Methods</i> , 2015, 44, 710-725.	1.0	3
31	Robust estimation of mean and covariance for longitudinal data with dropouts. <i>Journal of Applied Statistics</i> , 2015, 42, 1240-1254.	1.3	2
32	Variable selection via composite quantile regression with dependent errors. <i>Statistica Neerlandica</i> , 2015, 69, 1-20.	1.6	7
33	M-estimators for single-index model using B-spline. <i>Metrika</i> , 2014, 77, 225-246.	0.8	9
34	Risk Factor Selection in Rate Making: EM Adaptive LASSO for Zero-Inflated Poisson Regression Models. <i>Risk Analysis</i> , 2014, 34, 1112-1127.	2.7	20
35	Robust estimation in joint mean-covariance regression model for longitudinal data. <i>Annals of the Institute of Statistical Mathematics</i> , 2013, 65, 617-638.	0.8	19
36	Variable selection in high-dimensional quantile varying coefficient models. <i>Journal of Multivariate Analysis</i> , 2013, 122, 115-132.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Variable selection in quantile varying coefficient models with longitudinal data. <i>Computational Statistics and Data Analysis</i> , 2013, 57, 435-449.	1.2	55
38	Corrected-loss estimation for quantile regression with covariate measurement errors. <i>Biometrika</i> , 2012, 99, 405-421.	2.4	46
39	An informative subset-based estimator for censored quantile regression. <i>Test</i> , 2012, 21, 635-655.	1.1	17
40	Robust estimation of the generalised partial linear model with missing covariates. <i>Journal of Nonparametric Statistics</i> , 2012, 24, 517-530.	0.9	4
41	A unified variable selection approach for varying coefficient models. <i>Statistica Sinica</i> , 2012, 22, .	0.3	47
42	Robust empirical likelihood inference for generalized partial linear models with longitudinal data. <i>Journal of Multivariate Analysis</i> , 2012, 105, 32-44.	1.0	14
43	Joint Mean-Covariance Models with Applications to Longitudinal Data in Partially Linear Model. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3119-3140.	1.0	1
44	Testing the Correlation and Heterogeneity for Hierarchical Nonlinear Mixed-Effects Models. <i>Advances in Decision Sciences</i> , 2011, 2011, 1-16.	1.2	0
45	Semiparametric analysis of longitudinal zero-inflated count data. <i>Journal of Multivariate Analysis</i> , 2011, 102, 61-72.	1.0	15
46	Empirical likelihood for quantile regression models with longitudinal data. <i>Journal of Statistical Planning and Inference</i> , 2011, 141, 1603-1615.	0.6	41
47	Joint semiparametric mean-covariance model in longitudinal study. <i>Science China Mathematics</i> , 2011, 54, 145-164.	1.7	4
48	Joint estimation of mean-covariance model for longitudinal data with basis function approximations. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 983-992.	1.2	11
49	Empirical Likelihood Inference for Longitudinal Data with Missing Response Variables and Error-Prone Covariates. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3230-3244.	1.0	4
50	Weighted empirical likelihood for generalized linear models with longitudinal data. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 3446-3456.	0.6	27
51	Local influence analysis for penalized Gaussian likelihood estimation in partially linear single-index models. <i>Annals of the Institute of Statistical Mathematics</i> , 2009, 61, 905-918.	0.8	0
52	Robust empirical likelihood inference for longitudinal data. <i>Statistics and Probability Letters</i> , 2009, 79, 2101-2108.	0.7	6
53	Local asymptotic behavior of regression splines for marginal semiparametric models with longitudinal data. <i>Science in China Series A: Mathematics</i> , 2009, 52, 1982-1994.	0.5	4
54	Robust estimation of covariance parameters in partial linear model for longitudinal data. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 558-570.	0.6	20

#	ARTICLE	IF	CITATIONS
55	Quantile regression in partially linear varying coefficient models. <i>Annals of Statistics</i> , 2009, 37, .	2.6	203
56	Partial Linear Models for Longitudinal Data Based on Quadratic Inference Functions. <i>Scandinavian Journal of Statistics</i> , 2008, 35, 104-118.	1.4	28
57	Robust estimation in generalized semiparametric mixed models for longitudinal data. <i>Journal of Multivariate Analysis</i> , 2007, 98, 1658-1683.	1.0	37
58	Robust Estimation in Generalized Partial Linear Models for Clustered Data. <i>Journal of the American Statistical Association</i> , 2005, 100, 1176-1184.	3.1	136
59	Group structure detection for a high-dimensional panel data model. <i>Canadian Journal of Statistics</i> , 0, , .	0.9	1