Zhongyi Zhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7508180/publications.pdf

Version: 2024-02-01

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	Quantile regression in partially linear varying coefficient models. Annals of Statistics, 2009, 37, .	2.6	203
2	Robust Estimation in Generalized Partial Linear Models for Clustered Data. Journal of the American Statistical Association, 2005, 100, 1176-1184.	3.1	136
3	Variable selection in quantile varying coefficient models with longitudinal data. Computational Statistics and Data Analysis, 2013, 57, 435-449.	1.2	55
4	A unified variable selection approach for varying coefficient models. Statistica Sinica, 2012, 22, .	0.3	47
5	Corrected-loss estimation for quantile regression with covariate measurement errors. Biometrika, 2012, 99, 405-421.	2.4	46
6	Empirical likelihood for quantile regression models with longitudinal data. Journal of Statistical Planning and Inference, 2011, 141, 1603-1615.	0.6	41
7	Quantile-regression-based clustering for panel data. Journal of Econometrics, 2019, 213, 54-67.	6.5	38
8	Robust estimation in generalized semiparametric mixed models for longitudinal data. Journal of Multivariate Analysis, 2007, 98, 1658-1683.	1.0	37
9	Quantile regression for functional partially linear model in ultra-high dimensions. Computational Statistics and Data Analysis, 2019, 129, 135-147.	1.2	33
10	Partial Linear Models for Longitudinal Data Based on Quadratic Inference Functions. Scandinavian Journal of Statistics, 2008, 35, 104-118.	1.4	28
11	Weighted empirical likelihood for generalized linear models with longitudinal data. Journal of Statistical Planning and Inference, 2010, 140, 3446-3456.	0.6	27
12	Robust estimation of covariance parameters in partial linear model for longitudinal data. Journal of Statistical Planning and Inference, 2009, 139, 558-570.	0.6	20
13	Variable selection in high-dimensional quantile varying coefficient models. Journal of Multivariate Analysis, 2013, 122, 115-132.	1.0	20
14	Risk Factor Selection in Rate Making: EM Adaptive LASSO for Zeroâ€inflated Poisson Regression Models. Risk Analysis, 2014, 34, 1112-1127.	2.7	20
15	Robust estimation in joint meanâ€“covariance regression model for longitudinal data. Annals of the Institute of Statistical Mathematics, 2013, 65, 617-638.	0.8	19
16	An informative subset-based estimator for censored quantile regression. Test, 2012, 21, 635-655.	1.1	17
17	Composite change point estimation for bent line quantile regression. Annals of the Institute of Statistical Mathematics, 2017, 69, 145-168.	0.8	16
18	Semiparametric analysis of longitudinal zero-inflated count data. Journal of Multivariate Analysis, 2011, 102, 61-72.	1.0	15

#	Article	IF	Citations
19	Robust empirical likelihood inference for generalized partial linear models with longitudinal data. Journal of Multivariate Analysis, 2012, 105, 32-44.	1.0	14
20	Joint estimation of mean-covariance model for longitudinal data with basis function approximations. Computational Statistics and Data Analysis, 2011, 55, 983-992.	1.2	11
21	Robust exponential squared loss-based estimation in semi-functional linear regression models. Computational Statistics, 2019, 34, 503-525.	1.5	10
22	M-estimators for single-index model using B-spline. Metrika, 2014, 77, 225-246.	0.8	9
23	Joint meanâ€“covariance model in generalized partially linear varying coefficient models for longitudinal data. Journal of Statistical Computation and Simulation, 2016, 86, 1166-1182.	1.2	8
24	Robust estimation of partially linear models for longitudinal data with dropouts and measurement error. Statistics in Medicine, 2016, 35, 5401-5416.	1.6	8
25	Composite quantile estimation in partial functional linear regression model with dependent errors. Metrika, 2019, 82, 633-656.	0.8	8
26	Variable selection via composite quantile regression with dependent errors. Statistica Neerlandica, 2015, 69, 1-20.	1.6	7
27	Continuously dynamic additive models for functional data. Journal of Multivariate Analysis, 2016, 150, 1-13.	1.0	7
28	Regression Analysis of Asynchronous Longitudinal Functional and Scalar Data. Journal of the American Statistical Association, 2022, 117, 1228-1242.	3.1	7
29	Multiply robust subgroup identification for longitudinal data with dropouts via median regression. Journal of Multivariate Analysis, 2021, 181, 104691.	1.0	7
30	Single-index Thresholding in Quantile Regression. Journal of the American Statistical Association, 2022, 117, 2222-2237.	3.1	7
31	Robust empirical likelihood inference for longitudinal data. Statistics and Probability Letters, 2009, 79, 2101-2108.	0.7	6
32	Robust estimation of generalized partially linear model for longitudinal data with dropouts. Annals of the Institute of Statistical Mathematics, 2016, 68, 977-1000.	0.8	6
33	Doubly Robust Estimation of Generalized Partial Linear Models for Longitudinal Data with Dropouts. Biometrics, 2017, 73, 1132-1139.	1.4	6
34	Dynamic single-index model for functional data. Science China Mathematics, 2016, 59, 2561-2584.	1.7	5
35	Variable selection in censored quantile regression with high dimensional data. Science China Mathematics, 2018, 61, 641-658.	1.7	5
36	Robust estimation in linear regression models for longitudinal data with covariate measurement errors and outliers. Journal of Multivariate Analysis, 2018, 168, 261-275.	1.0	5

#	Article	IF	Citations
37	Weighted quantile regression in varying-coefficient model with longitudinal data. Computational Statistics and Data Analysis, 2020, 145, 106915.	1.2	5
38	Optimal prediction of quantile functional linear regression in reproducing kernel Hilbert spaces. Journal of Statistical Planning and Inference, 2021, 211, 162-170.	0.6	5
39	Local asymptotic behavior of regression splines for marginal semiparametric models with longitudinal data. Science in China Series A: Mathematics, 2009, 52, 1982-1994.	0.5	4
40	Joint semiparametric mean-covariance model in longitudinal study. Science China Mathematics, 2011, 54, 145-164.	1.7	4
41	Empirical Likelihood Inference for Longitudinal Data with Missing Response Variables and Error-Prone Covariates. Communications in Statistics - Theory and Methods, 2011, 40, 3230-3244.	1.0	4
42	Robust estimation of the generalised partial linear model with missing covariates. Journal of Nonparametric Statistics, 2012, 24, 517-530.	0.9	4
43	Clusterwise functional linear regression models. Computational Statistics and Data Analysis, 2021, 158, 107192.	1.2	4
44	Recurrent Events Analysis in the Presence of Terminal Event and Zero-recurrence Subjects. Communications in Statistics - Theory and Methods, 2015, 44, 710-725.	1.0	3
45	Robust Estimation for Partial Functional Linear Regression Model Based on Modal Regression. Journal of Systems Science and Complexity, 2020, 33, 527-544.	2.8	3
46	Multiply robust subgroup analysis based on a singleâ€index threshold linear marginal model for longitudinal data with dropouts. Statistics in Medicine, 2022, 41, 2822-2839.	1.6	3
47	Robust estimation of mean and covariance for longitudinal data with dropouts. Journal of Applied Statistics, 2015, 42, 1240-1254.	1.3	2
48	Quantile regression in longitudinal studies with dropouts and measurement errors. Journal of Statistical Computation and Simulation, 2016, 86, 3527-3542.	1.2	2
49	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. Statistics in Medicine, 2019, 38, 2972-2991.	1.6	2
50	A novel robust approach for analysis of longitudinal data. Computational Statistics and Data Analysis, 2019, 138, 83-95.	1.2	2
51	Joint Mean-Covariance Models with Applications to Longitudinal Data in Partially Linear Model. Communications in Statistics - Theory and Methods, 2011, 40, 3119-3140.	1.0	1
52	Threshold effect test in censored quantile regression. Statistics and Probability Letters, 2015, 105, 149-156.	0.7	1
53	Conditional empirical likelihood for quantile regression models. Metrika, 2017, 80, 1-16.	0.8	1
54	Robust estimation of models for longitudinal data with dropouts and outliers. Journal of Applied Statistics, 2022, 49, 902-925.	1.3	1

#	Article	IF	Citations
55	Group structure detection for a highâ€dimensional panel data model. Canadian Journal of Statistics, 0, , .	0.9	1
56	Spatially clustered varying coefficient model. Journal of Multivariate Analysis, 2022, 192, 105023.	1.0	1
57	Local influence analysis for penalized Gaussian likelihood estimation in partially linear single-index models. Annals of the Institute of Statistical Mathematics, 2009, 61, 905-918.	0.8	0
58	Testing the Correlation and Heterogeneity for Hierarchical Nonlinear Mixed-Effects Models. Advances in Decision Sciences, 2011, 2011, 1-16.	1.2	0
59	Statistical inference for multiple changeâ€point models. Scandinavian Journal of Statistics, 2020, 47, 1149-1170.	1.4	0