Tao Lu

List of Publications by Citations

29 papers	233 citations	6 h-index	15 g-index
29 ext. papers	266 ext. citations	1.7 avg, IF	3.36 L-index

#	Paper	IF	Citations
29	Attitudes towards suicide in urban and rural China: a population based, cross-sectional study. *BMC Psychiatry*, **2016**, 16, 162	4.2	58
28	Sparse Additive Ordinary Differential Equations for Dynamic Gene Regulatory Network Modeling. *Journal of the American Statistical Association*, **2014**, 109, 700-716	2.8	53
27	High Dimensional ODEs Coupled with Mixed-Effects Modeling Techniques for Dynamic Gene Regulatory Network Identification. *Journal of the American Statistical Association*, **2011**, 106, 1242-1258	2.8	53
26	Multiplicative regression models with distortion measurement errors. *Statistical Papers*, **2020**, 61, 2031-2057	1	14
25	Testing symmetry based on empirical likelihood. *Journal of Applied Statistics*, **2018**, 45, 2429-2454	1	9
24	Bayesian structured variable selection in linear regression models. *Computational Statistics*, **2015**, 30, 205-229	1	6
23	Association between depressive symptoms and poor sleep quality among Han and Manchu ethnicities in a large, rural, Chinese population. *PLoS ONE*, **2019**, 14, e0226562	3.7	5
22	Novel polymeric biomaterial poly(butyl-2-cyanoacrylate) nanowires: synthesis, characterization and formation mechanism. *Colloids and Surfaces B: Biointerfaces*, **2019**, 175, 454-462	6	4
21	Bayesian inference on mixed-effects varying-coefficient joint models with skew- t distribution for longitudinal data with multiple features. *Statistical Methods in Medical Research*, **2017**, 26, 1146-1164	2.3	3
20	Bayesian nonparametric mixed-effects joint model for longitudinal-competing risks data analysis in presence of multiple data features. *Statistical Methods in Medical Research*, **2017**, 26, 2407-2423	2.3	3
19	Jointly modeling skew longitudinal survival data with missingness and mismeasured covariates. *Journal of Applied Statistics*, **2017**, 44, 2354-2367	1	3
18	Bayesian inference on partially linear mixed-effects joint models for longitudinal data with multiple features. *Computational Statistics*, **2017**, 32, 179-196	1	3
17	Estimation of the error distribution function for partial linear single-index models. *Communications in Statistics Part B: Simulation and Computation*, **2020**, 49, 29-44	0.6	3
16	Simultaneous inference for semiparametric mixed-effects joint models with skew distribution and covariate measurement error for longitudinal competing risks data analysis. *Journal of Biopharmaceutical Statistics*, **2017**, 27, 1009-1027	1.3	2
15	Mixed-effects location and scale Tobit joint models for heterogeneous longitudinal data with skewness, detection limits, and measurement errors. *Statistical Methods in Medical Research*, **2018**, 27, 3525-3543	2.3	2
14	Mixed-effects varying-coefficient model with skewed distribution coupled with cause-specific varying-coefficient hazard model with random-effects for longitudinal-competing risks data analysis. *Journal of Biopharmaceutical Statistics*, **2016**, 26, 519-33	1.3	2
13	Bayesian inference on longitudinal-survival data with multiple features. *Computational Statistics*, **2017**, 32, 845-866	1	2

List of Publications

12	Partially linear mixed-effects joint models for skewed and missing longitudinal competing risks outcomes. *Journal of Biopharmaceutical Statistics*, **2019**, 29, 971-989	1.3	2
11	Bayesian inference on mixed-effects location scale models with skew-t distribution and mismeasured covariates for longitudinal data. *Statistics in Medicine*, **2017**, 36, 2614-2629	2.3	1
10	Bayesian varying coefficient mixed-effects joint models with asymmetry and missingness. *Statistical Modelling*, **2017**, 17, 117-141	0.7	1
9	Bayesian panel smooth transition model with spatial correlation. *PLoS ONE*, **2019**, 14, e0211467	3.7	1
8	Investigate Data Dependency for Dynamic Gene Regulatory Network Identification through High-dimensional Differential Equation Approach. *Communications in Statistics Part B: Simulation and Computation*, **2016**, 45, 2377-2391	0.6	1
7	A refined parameter estimating approach for HIV dynamic model. *Journal of Applied Statistics*, **2014** , 41, 1645-1657	1	1
6	Bayesian semiparametric mixed-effects joint models for analysis of longitudinal-competing risks data with skew distribution. *Statistics and Its Interface*, **2017**, 10, 441-450	0.4	1
5	Modeling Longitudinal-Competing Risks Data With Skew Distribution and Mismeasured Covariate. *Statistics in Biopharmaceutical Research*, **2017**, 9, 73-84	1.2	
4	Design of experiment for nonlinear dynamic gene regulatory network identification. *Journal of Biopharmaceutical Statistics*, **2018**, 28, 402-412	1.3	
3	Skew-t partially linear mixed-effects models for AIDS clinical studies. *Journal of Biopharmaceutical Statistics*, **2016**, 26, 899-911	1.3	
2	Robust variable selection method for nonparametric differential equation models with application to nonlinear dynamic gene regulatory network analysis. *Journal of Biopharmaceutical Statistics*, **2016**, 26, 712-24	1.3	
1	Objective Bayesian hypothesis testing and estimation for the intraclass model. *Statistical Theory and Related Fields*, **2018**, 2, 37-47	0.3	