Liming Xiang

List of Publications by Year
in descending order

68 papers	1,455 citations	430442 18 h-index	344852 36 g-index
70 all docs	70 docs citations	70 times ranked	1644 citing authors

#	Article	IF	Citations
1	Quantile regression for survival data with covariates subject to detection limits. Biometrics, 2021, 77, 610-621.	0.8	4
2	Responses of in-service shield tunnel to overcrossing tunnelling in soft ground. Environmental Earth Sciences, 2021, 80, 1.	1.3	23
3	Robotic Assisted Upper Limb Training Post Stroke: A Randomized Control Trial Using Combinatory Approach Toward Reducing Workforce Demands. Frontiers in Neurology, 2021, 12, 622014.	1.1	21
4	Generalized accelerated hazards mixture cure models with interval-censored data. Computational Statistics and Data Analysis, 2021, 161, 107248.	0.7	5
5	Correlation-based joint feature screening for semi-competing risks outcomes with application to breast cancer data. Statistical Methods in Medical Research, 2021, 30, 2428-2446.	0.7	6
6	Frailty modelling approaches for semi-competing risks data. Lifetime Data Analysis, 2020, 26, 109-133.	0.4	10
7	Semiparametric sieve maximum likelihood estimation for accelerated hazards model with interval-censored data. Journal of Statistical Planning and Inference, 2020, 205, 175-192.	0.4	6
8	A two-part mixed-effects model for analyzing clustered time-to-event data with clumping at zero. Computer Methods and Programs in Biomedicine, 2020, 187, 105196.	2.6	4
9	A preliminary study on the relationship between proprioceptive deficits and motor functions in chronic stroke patients. , 2019, 2019, 465-470.		7
10	Frailty proportional mean residual life regression for clustered survival data: A hierarchical quasiâ€likelihood method. Statistics in Medicine, 2019, 38, 4854-4870.	0.8	5
11	Joint regression analysis for survival data in the presence of two sets of semiâ€competing risks. Biometrical Journal, 2019, 61, 1402-1416.	0.6	6
12	Lifeâ€cycleâ€integrated thermoeconomic and enviroeconomic assessments of the smallâ€scaleâ€liquefied natural gas cold utilization systems. International Journal of Energy Research, 2019, 43, 4104-4126.	2.2	6
13	Sustainability and thermoenvironmental indicators on the multiobjective optimization of the liquefied natural gas fired micro-cogeneration systems. Chemical Engineering Science, 2019, 202, 429-446.	1.9	4
14	Thermoeconomic analysis and optimization of the small scale power generation and carbon dioxide capture system from liquefied natural gas. Energy Conversion and Management, 2019, 181, 507-518.	4.4	15
15	Missing covariate data in generalized linear mixed models with distribution-free random effects. Computational Statistics and Data Analysis, 2019, 134, 1-16.	0.7	2
16	Work with me, not for me: Relationship between robotic assistance and performance in subacute and chronic stroke patients. Journal of Rehabilitation and Assistive Technologies Engineering, 2019, 6, 205566831988158.	0.6	1
17	Semiparametric regression analysis of clustered survival data with semi-competing risks. Computational Statistics and Data Analysis, 2018, 124, 53-70.	0.7	42
18	Finite sum based thermoeconomic and sustainable analyses of the small scale LNG cold utilized power generation systems. Applied Energy, 2018, 220, 944-961.	5.1	8

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19	Life cycle-based enviroeconomic and thermal analyses of the inlet air-cooled microturbine systems with liquefied natural gas cold energy. Journal of Cleaner Production, 2018, 174, 1338-1350.	4.6	26
20	Simulation analysis of air cooling for vehicle power battery. Journal of Physics: Conference Series, 2018, 1064, 012007.	0.3	6
21	Mitigation of carbon dioxide emission using liquefied natural gas cold energy in small scale power generation systems. Journal of Cleaner Production, 2018, 200, 982-995.	4.6	13
22	Thermoeconomic and environmental assessments of a combined cycle for the small scale LNG cold utilization. Applied Energy, 2017, 204, 1148-1162.	5.1	47
23	Ethanol blends in spark ignition engines: RON, octane-added value, cooling effect, compression ratio, and potential engine efficiency gain. Applied Energy, 2017, 191, 603-619.	5.1	98
24	Thermoeconomic assessment of a micro cogeneration system with LNG cold utilization. Energy, 2017, 129, 171-184.	4.5	32
25	A Micro Cogeneration System with LNG Cold Utilization-part 2: Exergy Analyses. Energy Procedia, 2017, 105, 1910-1917.	1.8	11
26	A Micro Cogeneration System with LNG Cold Utilization-part 1: Energetic, Economic and Environmental Analyses. Energy Procedia, 2017, 105, 1902-1909.	1.8	16
27	Cold utilization systems of LNG: A review. Renewable and Sustainable Energy Reviews, 2017, 79, 1171-1188.	8.2	197
28	Life cycle integrated thermoeconomic assessment method for energy conversion systems. Energy Conversion and Management, 2017, 148, 1409-1425.	4.4	15
29	Two-layer EM algorithm for ALD mixture regression models: A new solution to composite quantile regression. Computational Statistics and Data Analysis, 2017, 115, 136-154.	0.7	5
30	Penalized empirical likelihood inference for sparse additive hazards regression with a diverging number of covariates. Statistics and Computing, 2017, 27, 1347-1364.	0.8	11
31	Multiobjective thermodynamic and environmental optimization of the small scale LNG cold utilization system. Energy Procedia, 2017, 142, 997-1002.	1.8	3
32	Dynamic exergetic and environmental assessments of the small scale LNG cold utilized micro power generation systems. Energy Procedia, 2017, 143, 680-685.	1.8	4
33	Proprioceptive assessment in clinical settings: Evaluation of joint position sense in upper limb post-stroke using a robotic manipulator. PLoS ONE, 2017, 12, e0183257.	1.1	27
34	Partially linear transformation cure models for interval-censored data. Computational Statistics and Data Analysis, 2016, 93, 257-269.	0.7	17
35	Self-Paced Reaching after Stroke: A Quantitative Assessment of Longitudinal and Directional Sensitivity Using the H-Man Planar Robot for Upper Limb Neurorehabilitation. Frontiers in Neuroscience, 2016, 10, 477.	1.4	16
36	Automated telephone communication systems for preventive healthcare and management of long-term conditions. The Cochrane Library, 2016, 2016, CD009921.	1.5	83

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37	Generalized M-estimation for the accelerated failure time model. Statistics, 2016, 50, 114-138.	0.3	3
38	Characterization of single amino acid substitutions in the Î²2 integrin subunit of patients with leukocyte adhesion deficiency (LAD)-1. Blood Cells, Molecules, and Diseases, 2015, 54, 177-182.	0.6	12
39	Semiparametric estimation in generalized linear mixed models with auxiliary covariates: A pairwise likelihood approach. Biometrics, 2014, 70, 910-919.	0.8	2
40	Physical activity and nutrition behavioural outcomes of a home-based intervention program for seniors: a randomized controlled trial. International Journal of Behavioral Nutrition and Physical Activity, 2013, 10, 14.	2.0	58
41	Testing for the Presence of a Cure Fraction in Clustered Intervalâ€Censored Survival Data. Australian and New Zealand Journal of Statistics, 2013, 55, 173-190.	0.4	8
42	Development of a theoretically based thermal model for lithium ion battery pack. Journal of Power Sources, 2013, 223, 155-164.	4.0	173
43	Efficient estimation for semiparametric cure models with interval-censored data. Journal of Multivariate Analysis, 2013, 121, 139-151.	0.5	28
44	The robust estimation method for a finite mixture of Poisson mixed-effect models. Computational Statistics and Data Analysis, 2012, 56, 1994-2005.	0.7	6
45	Outlier Detection in Clinical Research. , 2012, , 933-939.		0
46	A Note on Tests for Zero-Inflation in Correlated Count Data. Communications in Statistics Part B: Simulation and Computation, 2011, 40, 992-1005.	0.6	5
47	Mixture Analysis of Heterogeneous Physical Activity Outcomes. Annals of Epidemiology, 2011, 21, 780-786.	0.9	4
48	Mixture cure model with random effects for clustered intervalâ€censored survival data. Statistics in Medicine, 2011, 30, 995-1006.	0.8	41
49	Modeling Physical Activity Outcomes. Epidemiology, 2010, 21, 626-630.	1.2	10
50	How to analyze longitudinal multilevel physical activity data with many zeros?. Preventive Medicine, 2010, 51, 476-481.	1.6	17
51	Minimum Hellinger Distance Estimation for kâ€Component Poisson Mixture with Random Effects. Biometrics, 2008, 64, 508-518.	0.8	9
52	Statistical monitoring of multi-stage processes based on engineering models. IIE Transactions, 2008, 40, 957-970.	2.1	63
53	Influence diagnostics for stratified ordinal contingency tables. Journal of Statistical Computation and Simulation, 2008, 78, 405-415.	0.7	1
54	Influence diagnostics for random effect survival models: Application to a recurrent infection study for kidney patients on portable dialysis. Computational Statistics and Data Analysis, 2007, 51, 5977-5993.	0.7	5

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55	A score test for overdispersion in zero-inflated poisson mixed regression model. Statistics in Medicine, 2007, 26, 1608-1622.	0.8	54
56	Assessing local influence in principal component analysis with application to haematology study data. Statistics in Medicine, 2007, 26, 2730-2744.	0.8	4
57	Improved Design of Proportional Integral Derivative Charts. Journal of Quality Technology, 2006, 38, 31-44.	1.8	12
58	A score test for zero-inflation in correlated count data. Statistics in Medicine, 2006, 25, 1660-1671.	0.8	28
59	Kernel-Based Reinforcement Learning. Lecture Notes in Computer Science, 2006, , 757-766.	1.0	1
60	Sensitivity of Test for Overdispersion in Poisson Regression. Biometrical Journal, 2005, 47, 167-176.	0.6	17
61	Influence diagnostics for two-component Poisson mixture regression models: applications in public health. Statistics in Medicine, 2005, 24, 3053-3071.	0.8	10
62	Maximum Likelihood Estimation in Survival Studies Under Progressive Interval Censoring with Random Removals. Journal of Biopharmaceutical Statistics, 2005, 15, 981-991.	0.4	20
63	Sensitivity of score tests for zero-inflation in count data. Statistics in Medicine, 2004, 23, 2757-2769.	0.8	12
64	An Approximate EM Algorithm for Maximum Likelihood Estimation in Generalized Linear Mixed Models. Communications in Statistics Part B: Simulation and Computation, 2003, 32, 787-798.	0.6	1
65	Assessing local cluster influence in generalized linear mixed models. Journal of Applied Statistics, 2003, 30, 349-359.	0.6	2
66	Interval Estimation for Weibull-Distributed Life Data Under Type II Progressive Censoring with Random Removals. Journal of Biopharmaceutical Statistics, 2003, 13, 1-16.	0.4	15
67	Influence diagnostics for generalized linear mixed models: applications to clustered data. Computational Statistics and Data Analysis, 2002, 40, 759-774.	0.7	30
68	Multistage process control and monitoring via group EWMA schemes. , 0, , .		0