Gongjun Xu

List of Publications by Year
in descending order

53 papers	**1,130** citations	567281 **15** h-index	434195 **31** g-index
53 all docs	**53** docs citations	**53** times ranked	**635** citing authors

#	Article	IF	Citations
1	A mixture hierarchical model for response times and response accuracy. British Journal of Mathematical and Statistical Psychology, 2015, 68, 456-477.	1.4	124
2	Statistical Analysis of <i>Q</i>-Matrix Based Diagnostic Classification Models. Journal of the American Statistical Association, 2015, 110, 850-866.	3.1	119
3	Data-Driven Learning of Q-Matrix. Applied Psychological Measurement, 2012, 36, 548-564.	1.0	113
4	Identifiability of Diagnostic Classification Models. Psychometrika, 2016, 81, 625-649.	2.1	81
5	Identifiability of restricted latent class models with binary responses. Annals of Statistics, 2017, 45, .	2.6	79
6	Identifying Latent Structures in Restricted Latent Class Models. Journal of the American Statistical Association, 2018, 113, 1284-1295.	3.1	70
7	Theory of self-learning Q-matrix. Bernoulli, 2013, 19, 1790-1817.	1.3	55
8	An adaptive two-sample test for high-dimensional means. Biometrika, 2016, 103, 609-624.	2.4	55
9	Red Cell Distribution Width Is Associated with Presence, Stage, and Grade in Patients with Renal Cell Carcinoma. Disease Markers, 2014, 2014, 1-7.	1.3	49
10	The Sufficient and Necessary Condition for the Identifiability and Estimability of the DINA Model. Psychometrika, 2019, 84, 468-483.	2.1	49
11	Observation of the polaronic character of excitons in a two-dimensional semiconducting magnet CrI3. Nature Communications, 2020, 11, 4780.	12.8	34
12	Partial identifiability of restricted latent class models. Annals of Statistics, 2020, 48, .	2.6	34
13	Model based bootstrap methods for interval censored data. Computational Statistics and Data Analysis, 2015, 81, 121-129.	1.2	21
14	On initial item selection in cognitive diagnostic computerized adaptive testing. British Journal of Mathematical and Statistical Psychology, 2016, 69, 291-315.	1.4	20
15	Joint Scale-Change Models for Recurrent Events and Failure Time. Journal of the American Statistical Association, 2017, 112, 794-805.	3.1	19
16	Asymptotically independent U-statistics in high-dimensional testing. Annals of Statistics, 2021, 49, 154-181.	2.6	19
17	Gaussian variational estimation for multidimensional item response theory. British Journal of Mathematical and Statistical Psychology, 2021, 74, 52-85.	1.4	15
18	Estimation and Inference of Quantile Regression for Survival Data Under Biased Sampling. Journal of the American Statistical Association, 2017, 112, 1571-1586.	3.1	14

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19	Debiased Inference on Treatment Effect in a High-Dimensional Model. Journal of the American Statistical Association, 2020, 115, 442-454.	3.1	14
20	Marginalized maximum a posteriori estimation for the four-parameter logistic model under a mixture modelling framework. British Journal of Mathematical and Statistical Psychology, 2020, 73, 51-82.	1.4	14
21	Bootstrapping a change-point Cox model for survival data. Electronic Journal of Statistics, 2014, 8, 1345-1379.	0.7	12
22	Sufficient and Necessary Conditions for the Identifiability of the Q-matrix. Statistica Sinica, 2021, , .	0.3	11
23	Semiparametric Estimation of the Accelerated Mean Model with Panel Count Data Under Informative Examination Times. Biometrics, 2018, 74, 944-953.	1.4	10
24	Adaptive testing for association between two random vectors in moderate to high dimensions. Genetic Epidemiology, 2017, 41, 599-609.	1.3	9
25	Hypothesis Testing of the Q-matrix. Psychometrika, 2018, 83, 515-537.	2.1	7
26	Semiparametric Regression Analysis of Panel Count Data: A Practical Review. International Statistical Review, 2019, 87, 24-43.	1.9	7
27	Using Lasso and Adaptive Lasso to Identify DIF in Multidimensional 2PL Models. Multivariate Behavioral Research, 2023, 58, 387-407.	3.1	7
28	Learning Latent and Hierarchical Structures in Cognitive Diagnosis Models. Psychometrika, 2023, 88, 175-207.	2.1	7
29	Joint latent space models for network data with high-dimensional node variables. Biometrika, 2022, 109, 707-720.	2.4	6
30	Semiparametric regression analysis for alternating recurrent event data. Statistics in Medicine, 2018, 37, 996-1008.	1.6	5
31	On the phase transition of Wilks' phenomenon. Biometrika, 2021, 108, 741-748.	2.4	5
32	Regularized Variational Estimation for Exploratory Item Factor Analysis. Psychometrika, 0, , .	2.1	5
33	Sequential Gibbs Sampling Algorithm for Cognitive Diagnosis Models with Many Attributes. Multivariate Behavioral Research, 2022, 57, 840-858.	3.1	4
34	Partial-mastery cognitive diagnosis models. Annals of Applied Statistics, 2021, 15, .	1.1	4
35	A Joint MLE Approach to Large-Scale Structured Latent Attribute Analysis. Journal of the American Statistical Association, 0, , 1-15.	3.1	4
36	Comment: Ridge Regression, Ranking Variables and Improved Principal Component Regression. Technometrics, 2020, 62, 451-455.	1.9	3

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37	Identifiability and Cognitive Diagnosis Models. Methodology of Educational Measurement and Assessment, 2019, , 333-357.	0.4	3
38	Identifiability of Latent Class Models with Covariates. Psychometrika, 2022, 87, 1343-1360.	2.1	3
39	Survival analysis following dynamic randomization. Contemporary Clinical Trials Communications, 2016, 3, 39-47.	1.1	2
40	Rank-based estimation for semiparametric accelerated failure time model under length-biased sampling. Statistics and Computing, 2017, 27, 483-500.	1.5	2
41	Speeding up Monte Carlo simulations for the adaptive sum of powered score test with importance sampling. Biometrics, 2022, 78, 261-273.	1.4	2
42	Transformed Dynamic Quantile Regression on Censored Data. Journal of the American Statistical Association, 2021, 116, 874-886.	3.1	2
43	Likelihood Ratio Test in Multivariate Linear Regression: from Low to High Dimension. Statistica Sinica, 2021, , .	0.3	2
44	A Note on the Likelihood Ratio Test in High-Dimensional Exploratory Factor Analysis. Psychometrika, 2021, 86, 442-463.	2.1	2
45	Hypothesis Testing for Hierarchical Structures in Cognitive Diagnosis Models. Journal of Data Science, 2021, , 1-24.	0.9	2
46	Learning Large Q-Matrix by Restricted Boltzmann Machines. Psychometrika, 2022, 87, 1010-1041.	2.1	2
47	Rare-event simulations for exponential integrals of smooth Gaussian processes. , 2012, , .		1
48	Uniformly efficient simulation for tail probabilities of Gaussian random fields. , 2014, , .		1
49	A Regularization-Based Adaptive Test for High-Dimensional Generalized Linear Models. Journal of Machine Learning Research, 2020, 21, .	62.4	1
50	Survival Analysis via Ordinary Differential Equations. Journal of the American Statistical Association, 2023, 118, 2406-2421.	3.1	1
51	Induced smoothing for rankâ€based regression with recurrent gap time data. Statistics in Medicine, 2018, 37, 1086-1100.	1.6	0
52	A Mixed Stochastic Approximation EM (MSAEM) Algorithm for the Estimation of the Four-Parameter Normal Ogive Model. Psychometrika, 0, , .	2.1	0
53	Efficient Estimation for Censored Quantile Regression. Journal of the American Statistical Association, 2023, 118, 2762-2775.	3.1	0