Guo-Liang Tian

List of Publications by Year
in descending order

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55	541	840776	752698
papers	citations	11 h-index	20 g-index

68	68	68	415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aberrant global and local dynamic properties in schizophrenia with instantaneous phase method based on Hilbert transform. Psychological Medicine, 2023, 53, 2125-2135.	4.5	5
2	Valid properties of truncated Student-t regression model with applications in analysis of censored data. Brazilian Journal of Probability and Statistics, 2022, 36, .	0.4	0
3	Fast QLB algorithm and hypothesis tests in logistic model for ophthalmologic bilateral correlated data. Journal of Biopharmaceutical Statistics, 2021, 31, 91-107.	0.8	2
4	Global one-sample tests for high-dimensional covariance matrices. Journal of Statistical Computation and Simulation, 2021, 91, 2051-2073.	1.2	1
5	Proportional inverse Gaussian distribution: A new tool for analysing continuous proportional data. Australian and New Zealand Journal of Statistics, 2021, 63, 579-605.	0.9	1
6	Dirichlet composition distribution for compositional data with zero components: An application to fluorescence in situ hybridization (FISH) detection of chromosome. Biometrical Journal, 2021, , .	1.0	1
7	Multivariate zero-and-one inflated Poisson model with applications. Journal of Computational and Applied Mathematics, 2020, 365, 112356.	2.0	4
8	Poisson item count techniques with noncompliance. Statistics in Medicine, 2020, 39, 4480-4498.	1.6	1
9	Modified adaptive group lasso for high-dimensional varying coefficient models. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-16.	1.2	0
10	Folded normal regression models with applications in biomedicine. Journal of Computational and Applied Mathematics, 2020, 379, 112941.	2.0	2
11	Statistical inference for semiparametric varying-coefficient partially linear models with a diverging number of components. Journal of the Korean Statistical Society, 2020, 49, 223-243.	0.4	0
12	Zero-one-inflated simplex regression models for the analysis of continuous proportion data. Statistics and Its Interface, 2020, 13, 193-208.	0.3	5
13	A new multivariate zeroâ€adjusted Poisson model with applications to biomedicine. Biometrical Journal, 2019, 61, 1340-1370.	1.0	6
14	Common risk difference test and interval estimation of risk difference for stratified bilateral correlated data. Statistical Methods in Medical Research, 2019, 28, 2418-2438.	1.5	4
15	Homogeneity Test of Ratio of Two Proportions in Stratified Bilateral Data. Statistics in Biopharmaceutical Research, 2019, 11, 200-209.	0.8	9
16	Some new statistical methods for a class of zero-truncated discrete distributions with applications. Computational Statistics, 2019, 34, 1393-1426.	1.5	3
17	Efficient statistical inference for a parallel study with missing data by using an exact method. Journal of Biopharmaceutical Statistics, 2019, 29, 478-490.	0.8	3
18	Confidence intervals for proportion ratios of stratified correlated bilateral data. Journal of Biopharmaceutical Statistics, 2019, 29, 203-225.	0.8	5

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19	Poissonâ€“Poisson item count techniques for surveys with sensitive discrete quantitative data. Statistical Papers, 2019, 60, 1763-1791.	1.2	4
20	A robust and efficient estimation method for partially nonlinear models via a new MM algorithm. Statistical Papers, 2019, 60, 2063-2085.	1.2	10
21	Adaptive group Lasso for high-dimensional generalized linear models. Statistical Papers, 2019, 60, 1469-1486.	1.2	13
22	Valid statistical inference methods for a caseâ€“control study with missing data. Statistical Methods in Medical Research, 2018, 27, 1001-1023.	1.5	5
23	New expectationâ€“maximization-type algorithms via stochastic representation for the analysis of truncated normal data with applications in biomedicine. Statistical Methods in Medical Research, 2018, 27, 2459-2477.	1.5	5
24	Type I multivariate zero-truncated/adjusted Poisson distributions with applications. Journal of Computational and Applied Mathematics, 2018, 344, 132-153.	2.0	7
25	Poisson and negative binomial item count techniques for surveys with sensitive question. Statistical Methods in Medical Research, 2017, 26, 931-947.	1.5	17
26	A new framework of statistical inferences based on the valid joint sampling distribution of the observed counts in an incomplete contingency table. Statistical Methods in Medical Research, 2017, 26, 1712-1736.	1.5	3
27	Variable selection in joint location, scale and skewness models with a skew-t-normal distribution. Statistics and Its Interface, 2017, 10, 217-227.	0.3	10
28	A Robust Variable Selection tot-type Joint Generalized Linear Models via Penalizedt-type Pseudo-likelihood. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2320-2337.	1.2	3
29	Robust group non-convex estimations for high-dimensional partially linear models. Journal of Nonparametric Statistics, 2016, 28, 49-67.	0.9	17
30	Testing hypothesis for a simple ordering in incomplete contingency tables. Computational Statistics and Data Analysis, 2016, 99, 25-37.	1.2	3
31	Properties of the zero-and-one inflated Poisson distribution and likelihood-based inference methods. Statistics and Its Interface, 2016, 9, 11-32.	0.3	24
32	Transformed linear quantile regression with censored survival data. Statistics and Its Interface, 2016, 9, 131-139.	0.3	1
33	<i>G</i> and related distributions with applications in reliability growth analysis. Statistics and Its Interface, 2016, 9, 315-332.	0.3	1
34	A new MM algorithm for constrained estimation in the proportional hazards model. Computational Statistics and Data Analysis, 2015, 84, 135-151.	1.2	16
35	SCAD-Penalized Least Absolute Deviation Regression in High-Dimensional Models. Communications in Statistics - Theory and Methods, 2015, 44, 2452-2472.	1.0	16
36	Type I multivariate zero-inflated Poisson distribution with applications. Computational Statistics and Data Analysis, 2015, 83, 200-222.	1.2	22

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37	Two-sample Non Randomized Response Techniques for Sensitive Questions. Communications in Statistics - Theory and Methods, 2014, 43, 408-425.	1.0	5
38	Testing homogeneity of proportion ratios for stratified correlated bilateral data in twoâ€arm randomized clinical trials. Statistics in Medicine, 2014, 33, 4370-4386.	1.6	12
39	A new nonâ€randomized response model: The parallel model. Statistica Neerlandica, 2014, 68, 293-323.	1.6	12
40	Sample size determination for the parallel model in a survey with sensitive questions. Journal of the Korean Statistical Society, 2014, 43, 235-249.	0.4	3
41	Variable selection in the high-dimensional continuous generalized linear model with current status data. Journal of Applied Statistics, 2014, 41, 467-483.	1.3	18
42	Analysis for temporal gene expressions under multiple biological conditions. Statistics in Biosciences, 2012, 4, 282-299.	1.2	2
43	Efficient algorithms for generating truncated multivariate normal distributions. Acta Mathematicae Applicatae Sinica, 2011, 27, 601-612.	0.7	13
44	On Confidence Interval Construction for Establishing Equivalence of Two Binary-Outcome Treatments in Matched-Pair Studies in the Presence of Incomplete Data. Statistics in Biosciences, 2011, 3, 223-249.	1.2	3
45	Sample size determination for the non-randomised triangular model for sensitive questions in a survey. Statistical Methods in Medical Research, 2011, 20, 159-173.	1.5	13
46	Non-iterative sampling-based Bayesian methods for identifying changepoints in the sequence of cases of Haemolytic uraemic syndrome. Computational Statistics and Data Analysis, 2009, 53, 3314-3323.	1.2	2
47	Bayesian non-randomized response models for surveys with sensitive questions. Statistics and Its Interface, 2009, 2, 13-25.	0.3	11
48	Regularized (bridge) logistic regression for variable selection based on ROC criterion. Statistics and Its Interface, 2009, 2, 493-502.	0.3	10
49	Two new models for survey sampling with sensitive characteristic: design and analysis. Metrika, 2008, 67, 251-263.	0.8	176
50	A Unified Method for Checking Compatibility and Uniqueness for Finite Discrete Conditional Distributions. Communications in Statistics - Theory and Methods, 2008, 38, 115-129.	1.0	11
51	A multivariate zero-inflated binomial model for the analysis of correlated proportional data. Journal of Applied Statistics, 0, , 1-27.	1.3	1
52	A new multivariate t distribution with variant tail weights and its application in robust regression analysis. Journal of Applied Statistics, 0, , 1-28.	1.3	0
53	Valid statistical inference methods for incomplete contingency table with three-category missing data. Communications in Statistics Part B: Simulation and Computation, 0, , 1-18.	1.2	0
54	Likelihood-based methods for the zero-one-two inflated Poisson model with applications to biomedicine. Journal of Statistical Computation and Simulation, 0, , 1-27.	1.2	3

#	Article	IF	Citations
55	Bayesian Missing Data Problems. , 0, , .		16