Man Lai Tang

List of Publications by Year
in descending order

50	1,126	471477	434170
papers	citations	17	31
		h-index	g-index

50	50	50	695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two new models for survey sampling with sensitive characteristic: design and analysis. Metrika, 2008, 67, 251-263.	0.8	176
2	On tests of equivalence via non-unity relative risk for matched-pair design. Statistics in Medicine, 2003, 22, 1217-1233.	1.6	91
3	Testing the equality of two Poisson means using the rate ratio. Statistics in Medicine, 2005, 24, 955-965.	1.6	60
4	Variable selection in high-dimensional partially linear additive models for composite quantile regression. Computational Statistics and Data Analysis, 2013, 65, 56-67.	1.2	55
5	Sample Surveys With Sensitive Questions: A Nonrandomized Response Approach. American Statistician, 2009, 63, 9-16.	1.6	54
6	Statistical inference for correlated data in ophthalmologic studies. Statistics in Medicine, 2006, 25, 2771-2783.	1.6	49
7	Testing the equality of proportions for correlated otolaryngologic data. Computational Statistics and Data Analysis, 2008, 52, 3719-3729.	1.2	41
8	A new non-randomized model for analysing sensitive questions with binary outcomes. Statistics in Medicine, 2007, 26, 4238-4252.	1.6	36
9	Predictive analyses for nonhomogeneous Poisson processes with power law using Bayesian approach. Computational Statistics and Data Analysis, 2007, 51, 4254-4268.	1.2	29
10	Statistical inference and prediction for the Weibull process with incomplete observations. Computational Statistics and Data Analysis, 2008, 52, 1587-1603.	1.2	29
11	Confidence interval construction for proportion difference in small-sample paired studies. Statistics in Medicine, 2005, 24, 3565-3579.	1.6	27
12	Asymptotic confidence interval construction for proportion difference in medical studies with bilateral data. Statistical Methods in Medical Research, 2011, 20, 233-259.	1.5	26
13	Tests of Noninferiority via Rate Difference for Three-Arm Clinical Trials with Placebo. Journal of Biopharmaceutical Statistics, 2004, 14, 337-347.	0.8	22
14	A generalized Shapiro–Wilk statistic for testing high-dimensional normality. Computational Statistics and Data Analysis, 2009, 53, 3883-3891.	1.2	21
15	A comparative study of tests for the difference of two Poisson means. Computational Statistics and Data Analysis, 2007, 51, 3085-3099.	1.2	20
16	Exact and approximate unconditional confidence intervals for proportion difference in the presence of incomplete data. Statistics in Medicine, 2009, 28, 625-641.	1.6	20
17	Statistical Analysis of Noninferiority Trials with a Rate Ratio in Small-Sample Matched-Pair Designs. Biometrics, 2003, 59, 1170-1177.	1.4	18
18	A new non-randomized multi-category response model for surveys with a single sensitive question: Design and analysis. Journal of the Korean Statistical Society, 2009, 38, 339-349.	0.4	17

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19	Confidence intervals for correlated proportion differences from paired data in a two-arm randomised clinical trial. Statistical Methods in Medical Research, 2012, 21, 167-187.	1.5	17
20	Grouped Dirichlet distribution: A new tool for incomplete categorical data analysis. Journal of Multivariate Analysis, 2008, 99, 490-509.	1.0	16
21	Confidence intervals for a difference between proportions based on paired data. Statistics in Medicine, 2010, 29, 86-96.	1.6	16
22	Confidence Interval for Rate Ratio in a 2 Ã— 2 Table with Structural Zero: An Application in Assessing False-Negative Rate Ratio When Combining Two Diagnostic Tests. Biometrics, 2004, 60, 550-555.	1.4	15
23	Confidence intervals for the risk ratio under inverse sampling. Statistics in Medicine, 2008, 27, 3301-3324.	1.6	15
24	Efficient methods for estimating constrained parameters with applications to regularized (lasso) logistic regression. Computational Statistics and Data Analysis, 2008, 52, 3528-3542.	1.2	15
25	Goodness-of-fit tests for correlated paired binary data. Statistical Methods in Medical Research, 2012, 21, 331-345.	1.5	15
26	On improved EM algorithm and confidence interval construction for incomplete tables. Computational Statistics and Data Analysis, 2007, 51, 2919-2933.	1.2	14
27	Uniform distributions in a class of convex polyhedrons with applications to drug combination studies. Journal of Multivariate Analysis, 2009, 100, 1854-1865.	1.0	14
28	Testing Equality of Correlations of Two Paired Binary Responses from Two Treated Groups in a Randomized Trial. Journal of Biopharmaceutical Statistics, 2011, 21, 511-525.	0.8	14
29	Test Procedures for Disease Prevalence with Partially Validated Data. Journal of Biopharmaceutical Statistics, 2012, 22, 368-386.	0.8	14
30	Robust estimation of distribution functions and quantiles with nonâ€ignorable missing data. Canadian Journal of Statistics, 2013, 41, 575-595.	0.9	14
31	Matched-pair noninferiority trials using rate ratio: a comparison of current methods and sample size refinement. Contemporary Clinical Trials, 2003, 24, 364-377.	1.9	13
32	Sample size determination for matched-pair equivalence trials using rate ratio. Biostatistics, 2007, 8, 625-631.	1.5	13
33	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
34	Confidence interval construction for disease prevalence based on partial validation series. Computational Statistics and Data Analysis, 2012, 56, 1200-1220.	1.2	13
35	A Robust Computational Algorithm for Inverse Photomask Synthesis in Optical Projection Lithography. SIAM Journal on Imaging Sciences, 2012, 5, 625-651.	2.2	12
36	Confidence interval construction for proportion ratio in paired studies based on hybrid method. Statistical Methods in Medical Research, 2012, 21, 361-378.	1.5	11

#	Article	IF	Citations
37	Asymptotic confidence interval construction for risk difference under inverse sampling. Computational Statistics and Data Analysis, 2009, 53, 621-631.	1.2	10
38	Sample size determination for 2-step studies with dichotomous response. Journal of Statistical Planning and Inference, 2006, 136, 1166-1180.	0.6	8
39	Sample Size for Testing Difference Between Two Proportions for the Bilateral-Sample Design. Journal of Biopharmaceutical Statistics, 2009, 19, 857-871.	0.8	8
40	Semiparametric quantile modelling of hierarchical data. Acta Mathematica Sinica, English Series, 2009, 25, 597-616.	0.6	8
41	Generalized F-tests for the multivariate normal mean. Computational Statistics and Data Analysis, 2009, 53, 1177-1190.	1.2	8
42	A comparison of methods for the construction of confidence interval for relative risk in stratified matched€pair designs. Statistics in Medicine, 2010, 29, 46-62.	1.6	7
43	On simultaneous assessment of sensitivity and specificity when combining two diagnostic tests. Statistics in Medicine, 2004, 23, 3593-3605.	1.6	6
44	A comparative study of confidence intervals for negative binomial proportion. Journal of Statistical Computation and Simulation, 2009, 79, 241-249.	1.2	6
45	On tests of rate ratio under standard inverse sampling. Computer Methods and Programs in Biomedicine, 2008, 89, 261-268.	4.7	5
46	Comparison of disease prevalence in two populations in the presence of misclassification. Biometrical Journal, 2012, 54, 786-807.	1.0	5
47	Further properties and new applications of the nested Dirichlet distribution. Computational Statistics and Data Analysis, 2010, 54, 394-405.	1.2	4
48	Kernel quantile estimator with ICI adaptive bandwidth selection technique. Acta Mathematica Sinica, English Series, 2014, 30, 710-722.	0.6	4
49	Sequential nonparametric procedures for testing the equality of two lifetime distributions based on progressively censored data. Sequential Analysis, 2016, 35, 158-174.	0.5	2
50	A unified sequential test procedure for simultaneous testing the equality of several binomial proportions to a specified standard. Journal of Applied Statistics, 2005, 32, 617-624.	1.3	0