Guanfu Liu

List of Publications by Year
in descending order

12 papers	28 citations	2682572 2 h-index	2272923 4 g-index
12 all docs	12 docs citations	12 times ranked	18 citing authors

#	Article	IF	Citations
1	Homogeneity testing under finite location–scale mixtures. Canadian Journal of Statistics, 2020, 48, 670-684.	0.9	9
2	Simultaneous confidence intervals for mean differences of multiple zero-inflated gamma distributions with applications to precipitation. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 4705-4716.	1.2	9
3	Hypothesis testing for quantitative trait locus effects in both location and scale in genetic backcross studies. Scandinavian Journal of Statistics, 2020, 47, 1064-1089.	1.4	3
4	Abundance estimation with a categorical covariate subject to missing in continuous-time capture-recapture studies. Communications in Statistics - Theory and Methods, 2020, 49, 4919-4928.	1.0	2
5	A gene based approach to test genetic association based on an optimally weighted combination of multiple traits. PLoS ONE, 2019, 14, e0220914.	2.5	1
6	EM-test for homogeneity in a two-sample problem with a mixture structure. Journal of Applied Statistics, 2020, 47, 724-738.	1.3	1
7	A two-stage Bayesian adaptive design for minimum effective dose (MinED)-based dosing-finding trials. Contemporary Clinical Trials, 2021, 108, 106504.	1.8	1
8	Generalized fiducial methods for testing quantitative trait locus effects in genetic backcross studies. Statistical Theory and Related Fields, 0, , 1-13.	0.4	1
9	Generalized fiducial methods for testing the homogeneity of a three-sample problem with a mixture structure. Journal of Applied Statistics, 2023, 50, 1094-1114.	1.3	1
10	Testing homogeneity in contaminated mixture models. Canadian Journal of Statistics, 0, , .	0.9	0
11	Testing quantitative trait locus effects in genetic backcross studies with double recombination occurring. Journal of Applied Statistics, 0, , 1-18.	1.3	0
12	Using an inequality constraint to increase the power of the homogeneity tests for a two-sample problem with a mixture structure. Communications in Statistics - Theory and Methods, 0, , 1-12.	1.0	0