

Pengfei Li

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

469
citations

933447

10
h-index

752698

20
g-index

43
all docs

43
docs citations

43
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothesis test for normal mixture models: The EM approach. <i>Annals of Statistics</i> , 2009, 37, .	2.6	101
2	Doubly Robust Inference With Nonprobability Survey Samples. <i>Journal of the American Statistical Association</i> , 2020, 115, 2011-2021.	3.1	64
3	Inference on the Order of a Normal Mixture. <i>Journal of the American Statistical Association</i> , 2012, 107, 1096-1105.	3.1	38
4	Using covariate-specific disease prevalence information to increase the power of case-control studies. <i>Biometrika</i> , 2015, 102, 169-180.	2.4	36
5	A theory on constructing $2n-m$ designs with general minimum lower order confounding. <i>Statistica Sinica</i> , 2011, 21, .	0.3	29
6	Construction of blocked two-level regular designs with general minimum lower order confounding. <i>Journal of Statistical Planning and Inference</i> , 2013, 143, 1082-1090.	0.6	20
7	Using a Monotonic Density Ratio Model to Find the Asymptotically Optimal Combination of Multiple Diagnostic Tests. <i>Journal of the American Statistical Association</i> , 2016, 111, 861-874.	3.1	18
8	Testing homogeneity in a multivariate mixture model. <i>Canadian Journal of Statistics</i> , 2011, 39, 218-238.	0.9	13
9	Blocked two-level regular factorial designs with weak minimum aberration. <i>Biometrika</i> , 2013, 100, 249-253.	2.4	13
10	Tuning the EM-test for finite mixture models. <i>Canadian Journal of Statistics</i> , 2011, 39, 389-404.	0.9	12
11	Testing homogeneity for multiple nonnegative distributions with excess zero observations. <i>Computational Statistics and Data Analysis</i> , 2017, 114, 146-157.	1.2	12
12	A note on the construction of blocked two-level designs with general minimum lower order confounding. <i>Journal of Statistical Planning and Inference</i> , 2016, 172, 16-22.	0.6	10
13	Semiparametric inference on the means of multiple nonnegative distributions with excess zero observations. <i>Journal of Multivariate Analysis</i> , 2018, 166, 182-197.	1.0	10
14	Homogeneity testing under finite location-scale mixtures. <i>Canadian Journal of Statistics</i> , 2020, 48, 670-684.	0.9	9
15	Full Likelihood Inference for Abundance from Continuous Time Capture-Recapture Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2018, 80, 995-1014.	2.2	8
16	Testing homogeneity in a scale mixture of normal distributions. <i>Statistical Papers</i> , 2016, 57, 499-516.	1.2	7
17	Semiparametric Inference in a Genetic Mixture Model. <i>Journal of the American Statistical Association</i> , 2017, 112, 1250-1260.	3.1	7
18	Semiparametric inference of the Youden index and the optimal cutoff point under density ratio models. <i>Canadian Journal of Statistics</i> , 2021, 49, 965-986.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Log γ linear mixed effects models for multiple outcomes with application to a longitudinal glaucoma study. <i>Biometrical Journal</i> , 2015, 57, 766-776.	1.0	5
20	Using a monotone single index model to stabilize the propensity score in missing data problems and causal inference. <i>Statistics in Medicine</i> , 2019, 38, 1442-1458.	1.6	5
21	Composite empirical likelihood for multisample clustered data. <i>Journal of Nonparametric Statistics</i> , 2021, 33, 60-81.	0.9	5
22	DOES UNIFORM DESIGN REALLY WORK IN STATED CHOICE MODELING? A SIMULATION STUDY. <i>Transportmetrica</i> , 2005, 1, 209-221.	1.8	4
23	V-optimal designs for heteroscedastic regression. <i>Journal of Statistical Planning and Inference</i> , 2014, 145, 125-138.	0.6	4
24	Sample size calculation for tests of homogeneity. <i>Canadian Journal of Statistics</i> , 2016, 44, 82-101.	0.9	4
25	Spatial Shrinkage Estimation of Diffusion Tensors on Diffusion-Weighted Imaging Data. <i>Journal of the American Statistical Association</i> , 2013, 108, 864-875.	3.1	3
26	Testing the Order of a Normal Mixture in Mean. <i>Communications in Mathematics and Statistics</i> , 2016, 4, 21-38.	1.5	3
27	Hypothesis testing for quantitative trait locus effects in both location and scale in genetic backcross studies. <i>Scandinavian Journal of Statistics</i> , 2020, 47, 1064-1089.	1.4	3
28	Retrospective versus prospective score tests for genetic association with case-control data. <i>Biometrics</i> , 2021, 77, 102-112.	1.4	3
29	A powerful procedure that controls the false discovery rate with directional information. <i>Biometrics</i> , 2021, 77, 212-222.	1.4	3
30	Empirical likelihood meta-analysis with publication bias correction under Copas-like selection model. <i>Annals of the Institute of Statistical Mathematics</i> , 2022, 74, 93-112.	0.8	3
31	Semiparametric inference on general functionals of two semicontinuous populations. <i>Annals of the Institute of Statistical Mathematics</i> , 2022, 74, 451-472.	0.8	3
32	Maximum likelihood abundance estimation from capture-recapture data when covariates are missing at random. <i>Biometrics</i> , 2021, 77, 1050-1060.	1.4	2
33	A statistical test for mixture detection with application to component identification in multidimensional biomolecular NMR studies. <i>Canadian Journal of Statistics</i> , 2014, 42, 36-60.	0.9	1
34	Testing homogeneity in a heteroscedastic contaminated normal mixture. <i>Journal of Applied Statistics</i> , 2019, 46, 1478-1491.	1.3	1
35	Maximum multinomial likelihood estimation in compound mixture model with application to malaria study. <i>Journal of Nonparametric Statistics</i> , 2021, 33, 21-38.	0.9	1
36	Maximum Smoothed Likelihood Estimation of the Centre of a Symmetric Distribution. <i>ICSA Book Series in Statistics</i> , 2016, , 195-204.	0.2	1

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37	A selective review of statistical methods using calibration information from similar studies. <i>Statistical Theory and Related Fields</i> , 2022, 6, 175-190.	0.4	1
38	Pseudo empirical likelihood inference for nonprobability survey samples. <i>Canadian Journal of Statistics</i> , 2022, 50, 1166-1185.	0.9	1
39	Controlling individual and experimentwise error rates in replicated regular two-level factorial experiments. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, , 1-21.	1.2	0
40	Likelihood ratio test for genetic association study with caseâ€“control data under Probit model. <i>Journal of Applied Statistics</i> , 0, , 1-15.	1.3	0
41	A note on the coverage behaviour of bootstrap percentile confidence intervals for constrained parameters. <i>Metrika</i> , 0, , 1.	0.8	0
42	A mixture distribution approach for assessing genetic impact from twin study. <i>Statistics in Medicine</i> , 2022, , .	1.6	0
43	Semiparametric empirical likelihood inference for abundance from oneâ€“inflated captureâ€“recapture data. <i>Biometrical Journal</i> , 2022, , .	1.0	0