

Liangliang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6467818/publications.pdf>

Version: 2024-02-01

35
papers

564
citations

687220

13
h-index

677027

22
g-index

38
all docs

38
docs citations

38
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	The fundamental association between mental health and life satisfaction: results from successive waves of a Canadian national survey. <i>BMC Public Health</i> , 2018, 18, 342.	1.2	146
2	Modeling conditional dependence between diagnostic tests: A multiple latent variable model. <i>Statistics in Medicine</i> , 2009, 28, 441-461.	0.8	70
3	Locally Sparse Estimator for Functional Linear Regression Models. <i>Journal of Computational and Graphical Statistics</i> , 2017, 26, 306-318.	0.9	41
4	Robust Estimation for Ordinary Differential Equation Models. <i>Biometrics</i> , 2011, 67, 1305-1313.	0.8	33
5	Normal and pathological dynamics of platelets in humans. <i>Journal of Mathematical Biology</i> , 2017, 75, 1411-1462.	0.8	27
6	Interpretable Functional Principal Component Analysis. <i>Biometrics</i> , 2016, 72, 846-854.	0.8	26
7	Bayesian Phylogenetic Inference Using a Combinatorial Sequential Monte Carlo Method. <i>Journal of the American Statistical Association</i> , 2015, 110, 1362-1374.	1.8	19
8	Supervised functional principal component analysis. <i>Statistics and Computing</i> , 2018, 28, 713-723.	0.8	19
9	Functional principal component analysis of glomerular filtration rate curves after kidney transplant. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3785-3796.	0.7	19
10	An Annealed Sequential Monte Carlo Method for Bayesian Phylogenetics. <i>Systematic Biology</i> , 2020, 69, 155-183.	2.7	19
11	Evaluation of Screening Tests for Detecting <i>Chlamydia trachomatis</i> . <i>Epidemiology</i> , 2012, 23, 72-82.	1.2	18
12	Parametric Functional Principal Component Analysis. <i>Biometrics</i> , 2017, 73, 802-810.	0.8	17
13	Estimating functional linear mixed-effects regression models. <i>Computational Statistics and Data Analysis</i> , 2017, 106, 153-164.	0.7	14
14	Estimating Time-Varying Directed Gene Regulation Networks. <i>Biometrics</i> , 2017, 73, 1231-1242.	0.8	12
15	Estimating Parameters in Delay Differential Equation Models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 68-83.	0.7	11
16	Functional principal component analysis for longitudinal data with informative dropout. <i>Statistics in Medicine</i> , 2021, 40, 712-724.	0.8	10
17	Estimating curves and derivatives with parametric penalized spline smoothing. <i>Statistics and Computing</i> , 2012, 22, 1059-1067.	0.8	8
18	Weighted empirical likelihood inference for dynamical correlations. <i>Computational Statistics and Data Analysis</i> , 2019, 131, 194-206.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Efficient computation of the kinship coefficients. <i>Bioinformatics</i> , 2019, 35, 1002-1008.	1.8	7
20	Estimating Genetic Similarity Matrices Using Phylogenies. <i>Journal of Computational Biology</i> , 2021, 28, 587-600.	0.8	6
21	Recovering the underlying trajectory from sparse and irregular longitudinal data. <i>Canadian Journal of Statistics</i> , 2022, 50, 122-141.	0.6	6
22	Evaluating Diagnostic Tests for <i>Chlamydia trachomatis</i> in the Absence of a Gold Standard: A Comparison of Three Statistical Methods. <i>Statistics in Biopharmaceutical Research</i> , 2011, 3, 385-397.	0.6	5
23	Bayesian inference of mixed-effects ordinary differential equations models using heavy-tailed distributions. <i>Computational Statistics and Data Analysis</i> , 2019, 137, 233-246.	0.7	4
24	Particle Gibbs sampling for Bayesian phylogenetic inference. <i>Bioinformatics</i> , 2021, 37, 642-649.	1.8	4
25	Two-Dimensional Functional Principal Component Analysis for Image Feature Extraction. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 1127-1140.	0.9	4
26	Joint modelling for organ transplantation outcomes for patients with diabetes and the end-stage renal disease. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2724-2737.	0.7	3
27	Functional Mapping of Multiple Dynamic Traits. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2017, 22, 60-75.	0.7	2
28	Bayesian estimation of ordinary differential equation models when the likelihood has multiple local modes. <i>Monte Carlo Methods and Applications</i> , 2018, 24, 117-127.	0.3	2
29	Pattern discovery of health curves using an ordered probit model with Bayesian smoothing and functional principal component analysis. <i>Statistical Methods in Medical Research</i> , 2021, 30, 458-472.	0.7	1
30	Adaptive Semiparametric Bayesian Differential Equations Via Sequential Monte Carlo. <i>Journal of Computational and Graphical Statistics</i> , 2022, 31, 600-613.	0.9	1
31	Inference for misclassified multinomial data with covariates. <i>Canadian Journal of Statistics</i> , 2020, 48, 655-669.	0.6	0
32	Semiparametric Mixed-Effects Ordinary Differential Equation Models with Heavy-Tailed Distributions. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2021, 26, 428-445.	0.7	0
33	Long time frames to detect the impact of changing COVID-19 measures, Canada, March to July 2020. <i>Eurosurveillance</i> , 2021, 26, .	3.9	0
34	Detecting Introgression in Anopheles Mosquito Genomes Using a Reconciliation-Based Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 163-178.	1.0	0
35	Online Bayesian learning for mixtures of spatial spline regressions with mixed effects. <i>Journal of Statistical Computation and Simulation</i> , 0, , 1-37.	0.7	0