

Hua Liang

List of Publications by Year in descending order

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69
papers

1,444
citations

471061

17
h-index

344852

36
g-index

69
all docs

69
docs citations

69
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation and testing for partially linear single-index models. <i>Annals of Statistics</i> , 2010, 38, 3811-3836.	1.4	184
2	Parameter Estimation for Differential Equation Models Using a Framework of Measurement Error in Regression Models. <i>Journal of the American Statistical Association</i> , 2008, 103, 1570-1583.	1.8	151
3	SARS-CoV-2-specific T cells are rapidly expanded for therapeutic use and target conserved regions of the membrane protein. <i>Blood</i> , 2020, 136, 2905-2917.	0.6	108
4	Optimal Model Averaging Estimation for Generalized Linear Models and Generalized Linear Mixed-Effects Models. <i>Journal of the American Statistical Association</i> , 2016, 111, 1775-1790.	1.8	103
5	Estimation in Partially Linear Models With Missing Covariates. <i>Journal of the American Statistical Association</i> , 2004, 99, 357-367.	1.8	101
6	The relationship between virologic and immunologic responses in AIDS clinical research using mixed-effects varying-coefficient models with measurement error. <i>Biostatistics</i> , 2003, 4, 297-312.	0.9	87
7	High-Dimensional ODEs Coupled With Mixed-Effects Modeling Techniques for Dynamic Gene Regulatory Network Identification. <i>Journal of the American Statistical Association</i> , 2011, 106, 1242-1258.	1.8	64
8	Sparse Additive Ordinary Differential Equations for Dynamic Gene Regulatory Network Modeling. <i>Journal of the American Statistical Association</i> , 2014, 109, 700-716.	1.8	64
9	Estimation of constant and time-varying dynamic parameters of HIV infection in a nonlinear differential equation model. <i>Annals of Applied Statistics</i> , 2010, 4, 460-483.	0.5	46
10	Estimation in partially linear models and numerical comparisons. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 675-687.	0.7	39
11	Generalized partially linear mixed-effects models incorporating mismeasured covariates. <i>Annals of the Institute of Statistical Mathematics</i> , 2009, 61, 27-46.	0.5	38
12	Parsimonious Model Averaging With a Diverging Number of Parameters. <i>Journal of the American Statistical Association</i> , 2020, 115, 972-984.	1.8	37
13	Partial linear single index models with distortion measurement errors. <i>Annals of the Institute of Statistical Mathematics</i> , 2013, 65, 237-267.	0.5	32
14	Generalized Partially Linear Measurement Error Models. <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 237-250.	0.9	30
15	HLA-C downregulation by HIV-1 adapts to host HLA genotype. <i>PLoS Pathogens</i> , 2018, 14, e1007257.	2.1	30
16	Variance Function Partially Linear Single-Index Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 171-194.	1.1	29
17	Partially linear single index models for repeated measurements. <i>Journal of Multivariate Analysis</i> , 2014, 130, 354-375.	0.5	23
18	Outcome of donor-derived TAA-T cell therapy in patients with high-risk or relapsed acute leukemia post allogeneic BMT. <i>Blood Advances</i> , 2022, 6, 2520-2534.	2.5	19

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19	Modeling antitumor activity by using a non-linear mixed-effects model. <i>Mathematical Biosciences</i> , 2004, 189, 61-73.	0.9	17
20	Modeling Antitumor Activity in Xenograft Tumor Treatment. <i>Biometrical Journal</i> , 2005, 47, 358-368.	0.6	17
21	Integrated conditional moment test for partially linear single index models incorporating dimension-reduction. <i>Electronic Journal of Statistics</i> , 2014, 8, .	0.4	17
22	Efficient Estimation of the Nonparametric Mean and Covariance Functions for Longitudinal and Sparse Functional Data. <i>Journal of the American Statistical Association</i> , 2018, 113, 1550-1564.	1.8	15
23	EMPIRICAL LIKELIHOOD-BASED INFERENCES FOR PARTIALLY LINEAR MODELS WITH MISSING COVARIATES. <i>Australian and New Zealand Journal of Statistics</i> , 2008, 50, 347-359.	0.4	14
24	<p>Combined EsophagaCap cytology and MUC2 immunohistochemistry for screening of intestinal metaplasia, dysplasia and carcinoma</p>. <i>Clinical and Experimental Gastroenterology</i> , 2019, Volume 12, 219-229.	1.0	13
25	A dimension reduction based approach for estimation and variable selection in partially linear single-index models with high-dimensional covariates. <i>Electronic Journal of Statistics</i> , 2012, 6, .	0.4	12
26	Nonlinear measurement error models subject to additive distortion. <i>Journal of Statistical Planning and Inference</i> , 2014, 150, 49-65.	0.4	12
27	Comparison of Linear, Nonlinear and Semiparametric Mixed-effects Models for Estimating HIV Dynamic Parameters. <i>Biometrical Journal</i> , 2004, 46, 233-245.	0.6	11
28	Model averaging for semiparametric additive partial linear models. <i>Science China Mathematics</i> , 2010, 53, 1363-1376.	0.8	11
29	A Flexible Method for Estimating the ROC Curve. <i>Journal of Applied Statistics</i> , 2004, 31, 773-784.	0.6	10
30	Separation of linear and index covariates in partially linear single-index models. <i>Journal of Multivariate Analysis</i> , 2016, 143, 56-70.	0.5	9
31	Fiducial generalized p-values for testing zero-variance components in linear mixed-effects models. <i>Science China Mathematics</i> , 2018, 61, 1303-1318.	0.8	9
32	Simultaneous confidence intervals for ratios of means of zero-inflated log-normal populations. <i>Journal of Statistical Computation and Simulation</i> , 2022, 92, 1113-1132.	0.7	9
33	The impact of pre-existing HLA and red blood cell antibodies on transfusion support and engraftment in sickle cell disease after nonmyeloablative hematopoietic stem cell transplantation from HLA-matched sibling donors: A prospective, single-center, observational study. <i>EClinicalMedicine</i> , 2020, 24, 100432.	3.2	8
34	Using single-index ODEs to study dynamic gene regulatory network. <i>PLoS ONE</i> , 2018, 13, e0192833.	1.1	8
35	Generalized varying coefficient partially linear measurement errors models. <i>Annals of the Institute of Statistical Mathematics</i> , 2017, 69, 97-120.	0.5	7
36	Composite Estimation for Single-Index Models with Responses Subject to Detection Limits. <i>Scandinavian Journal of Statistics</i> , 2018, 45, 444-464.	0.9	6

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37	A general framework for frequentist model averaging. <i>Science China Mathematics</i> , 2019, 62, 205-226.	0.8	6
38	Human leukocyte antigen (HLA) class I antibodies and transfusion support in paediatric HLA-matched haematopoietic cell transplant for sickle cell disease. <i>British Journal of Haematology</i> , 2020, 189, 162-170.	1.2	6
39	Identification of significant B cell associations with undetected observations using a Tobit model. <i>Statistics and Its Interface</i> , 2016, 9, 79-91.	0.2	6
40	Analysis of Schizophrenia Data Using A Nonlinear Threshold Index Logistic Model. <i>PLoS ONE</i> , 2014, 9, e109454.	1.1	5
41	Axiomatic Development of Profile Likelihoods as the Strength of Evidence for Composite Hypotheses. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 2695-2706.	0.6	4
42	Focused information criterion on predictive models in personalized medicine. <i>Biometrical Journal</i> , 2015, 57, 422-440.	0.6	4
43	Penalized Weighted Least Squares to Small Area Estimation. <i>Scandinavian Journal of Statistics</i> , 2016, 43, 736-756.	0.9	3
44	Model averaging procedure for partially linear single-index models. <i>Journal of Statistical Planning and Inference</i> , 2013, 143, 2160-2170.	0.4	2
45	Decomposition feature selection with applications in detecting correlated biomarkers of bipolar disorders. <i>Statistics in Medicine</i> , 2019, 38, 4574-4582.	0.8	2
46	Global kernel estimator and test of varying-coefficient autoregressive model. <i>Canadian Journal of Statistics</i> , 2019, 47, 487-519.	0.6	2
47	Estimation and inference in partially functional linear regression with multiple functional covariates. <i>Journal of Statistical Planning and Inference</i> , 2020, 209, 44-61.	0.4	2
48	A projection-based consistent test incorporating dimension-reduction in partial linear models. <i>Statistica Sinica</i> , 2021, , .	0.2	2
49	A new exact p -value approach for testing variance homogeneity. <i>Statistical Theory and Related Fields</i> , 2022, 6, 81-86.	0.2	2
50	SiAM: A hybrid of single index models and additive models. <i>Electronic Journal of Statistics</i> , 2017, 11, 2397-2423.	0.4	2
51	Statistical inference for right-censored data with nonignorable missing censoring indicators. <i>Science China Mathematics</i> , 2013, 56, 1263-1278.	0.8	1
52	mirPLS: a partial linear structure identifier method for cancer subtyping using microRNAs. <i>Bioinformatics</i> , 2020, 36, 4902-4909.	1.8	1
53	A novel model-checking approach for dose-response relationships. <i>Statistical Methods in Medical Research</i> , 2021, 30, 2119-2129.	0.7	1
54	3. Statistical Models for Biomedical Research. <i>Journal of the Japanese Society of Computational Statistics</i> , 2003, 15, 89-104.	0.2	1

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55	Robust feature screening procedures for single and mixed types of data. Journal of Statistical Computation and Simulation, 2020, 90, 1173-1193.	0.7	1
56	Model Checking for Logistic Models When the Number of Parameters Tends to Infinity. Journal of Computational and Graphical Statistics, 2023, 32, 241-251.	0.9	1
57	Cram�r Asymptotic Efficiency in a Semiparametric Model. Communications in Statistics - Theory and Methods, 2014, 43, 2618-2628.	0.6	0
58	Spherical radial approximation for nested mixed effects models. Statistics and Computing, 2016, 26, 119-130.	0.8	0
59	A generalized partially linear framework for variance functions. Annals of the Institute of Statistical Mathematics, 2018, 70, 1147-1175.	0.5	0
60	Bi-level feature selection in high dimensional AFT models with applications to a genomic study. Statistical Applications in Genetics and Molecular Biology, 2019, 18, .	0.2	0
61	Estimation in additive models with fixed censored responses. Journal of Nonparametric Statistics, 2019, 31, 131-143.	0.4	0
62	High-dimensional single-index models with censored responses. Statistics in Medicine, 2020, 39, 2743-2754.	0.8	0
63	A simple yet powerful test for assessing goodness-of-fit of high-dimensional linear models. Statistics in Medicine, 2021, 40, 3153-3166.	0.8	0
64	Iterative Likelihood: A Unified Inference Tool. Journal of Computational and Graphical Statistics, 2021, 30, 920-933.	0.9	0
65	Two-sample functional linear models with functional responses. Journal of Statistical Planning and Inference, 2022, 218, 85-105.	0.4	0
66	Comparison Of Viral Trajectories In Aids Studies By Using Nonparametric Mixed-Effects Models. Journal of Modern Applied Statistical Methods, 2003, 2, 443-450.	0.2	0
67	Bi-level variable selection in high-dimensional Tobit models. Statistics and Its Interface, 2020, 13, 151-156.	0.2	0
68	Dynamically integrated regression model for online auction data. Science China Mathematics, 0, , 1.	0.8	0
69	A Novel Estimation Method in Generalized Single Index Models. Journal of Business and Economic Statistics, 2023, 41, 399-413.	1.8	0