

Jianxin Pan

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

734
citations

567281

15
h-index

580821

25
g-index

65
all docs

65
docs citations

65
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Limiting behavior of the gap between the largest two representative points of statistical distributions. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 3290-3313.	1.0	2
2	Penalized joint generalized estimating equations for longitudinal binary data. <i>Biometrical Journal</i> , 2022, 64, 57-73.	1.0	1
3	Conditional generalized estimating equations of mean-variance-correlation for clustered data. <i>Computational Statistics and Data Analysis</i> , 2022, 168, 107386.	1.2	2
4	Latent Gaussian copula models for longitudinal binary data. <i>Journal of Multivariate Analysis</i> , 2022, 189, 104940.	1.0	0
5	Mixture regression for longitudinal data based on joint mean-covariance model. <i>Journal of Multivariate Analysis</i> , 2022, 190, 104956.	1.0	2
6	Permutation Variation and Alternative Hyper-Sphere Decomposition. <i>Mathematics</i> , 2022, 10, 562.	2.2	0
7	Correlation structure regularization via entropy loss function for high-dimension and low-sample-size data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 993-1008.	1.2	1
8	Joint generalized estimating equations for longitudinal binary data. <i>Computational Statistics and Data Analysis</i> , 2021, 155, 107110.	1.2	2
9	Optimal designs of mean-covariance models for longitudinal data. <i>Biometrical Journal</i> , 2021, 63, 1072-1085.	1.0	1
10	Network estimation of multi-dimensional binary variables with application to divorce data. <i>Journal of Physics: Conference Series</i> , 2021, 1978, 012056.	0.4	0
11	Estimation and optimal structure selection of high-dimensional Toeplitz covariance matrix. <i>Journal of Multivariate Analysis</i> , 2021, 184, 104739.	1.0	5
12	Modeling past event feedback through biomarker dynamics in the multistate event analysis for cardiovascular disease data. <i>Annals of Applied Statistics</i> , 2021, 15, .	1.1	0
13	Regularized Estimation of Covariance Structure Through Quadratic Loss Function. <i>Contributions To Statistics</i> , 2021, , 93-112.	0.2	0
14	Estimating the sample mean and standard deviation from order statistics and sample size in meta-analysis. <i>Statistical Methods in Medical Research</i> , 2021, 30, 2701-2719.	1.5	28
15	Growth curve mixture models with unknown covariance structures. <i>Journal of Multivariate Analysis</i> , 2021, 188, 104904.	1.0	0
16	Synergistic effect of flow pattern evolution of dispersed and continuous phases in direct-contact heat transfer process. <i>International Journal of Refrigeration</i> , 2020, 112, 201-214.	3.4	4
17	A novel method for measuring spatial uniformity of irregular boiling bubbles in a direct contact heat exchanger. <i>International Journal of Energy Research</i> , 2020, 44, 8823-8840.	4.5	6
18	Integrative analysis of Mendelian randomization and Bayesian colocalization highlights four genes with putative BMI-mediated causal pathways to diabetes. <i>Scientific Reports</i> , 2020, 10, 7476.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Hellinger distance-based stable sparse feature selection for high-dimensional class-imbalanced data. BMC Bioinformatics, 2020, 21, 121.	2.6	21
20	Covariance Matrix Regularization for Banded Toeplitz Structure via Frobenius-Norm Discrepancy. Contributions To Statistics, 2019, , 111-125.	0.2	1
21	Grouped variables selection via alternating direction method of multipliers in longitudinal analysis. Journal of Physics: Conference Series, 2019, 1324, 012104.	0.4	0
22	LASSO-based false-positive selection for class-imbalanced data in metabolomics. Journal of Chemometrics, 2019, 33, e3177.	1.3	8
23	Tuning model parameters in class-imbalanced learning with precision-recall curve. Biometrical Journal, 2019, 61, 652-664.	1.0	38
24	Joint Modelling of Survival and Longitudinal Data with Informative Observation Times. Scandinavian Journal of Statistics, 2018, 45, 571-589.	1.4	7
25	Extraction and evolution of bubbles attributes in a two-phase direct contact evaporator. International Journal of Heat and Mass Transfer, 2018, 124, 761-768.	4.8	11
26	A Tighter Set-Membership Filter for Some Nonlinear Dynamic Systems. IEEE Access, 2018, 6, 25351-25362.	4.2	13
27	A deterministic and stochastic model for the system dynamics of tumor-immune responses to chemotherapy. Physica A: Statistical Mechanics and Its Applications, 2018, 500, 162-176.	2.6	30
28	A semiparametric mixture regression model for longitudinal data. Journal of Statistical Theory and Practice, 2018, 12, 12-22.	0.5	6
29	Novel 3-D homogeneity metrics of multiple components in gas-stirred liquid systems. Powder Technology, 2018, 336, 210-219.	4.2	7
30	Non-uniformity quantification of temperature and concentration fields by statistical measure and image analysis. Applied Thermal Engineering, 2017, 124, 1134-1141.	6.0	13
31	Measure of bubble non-uniformity within circular region in a direct-contact heat exchanger. International Journal of Heat and Mass Transfer, 2017, 110, 257-261.	4.8	15
32	A calibration method for non-positive definite covariance matrix in multivariate data analysis. Journal of Multivariate Analysis, 2017, 157, 45-52.	1.0	10
33	Hypothesis-testing combined with image analysis to quantify evolution of bubble swarms in a direct-contact boiling heat transfer process. Applied Thermal Engineering, 2017, 113, 851-857.	6.0	14
34	jcm : An R Package for Joint Mean-Covariance Modeling of Longitudinal Data. Journal of Statistical Software, 2017, 82, .	3.7	7
35	Semiparametric hierarchical model with heteroscedasticity. Statistics and Its Interface, 2017, 10, 413-424.	0.3	0
36	Regularization for high-dimensional covariance matrix. Special Matrices, 2016, 4, .	0.5	1

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37	Covariance structure regularization via Frobenius-norm discrepancy. <i>Linear Algebra and Its Applications</i> , 2016, 510, 124-145.	0.9	19
38	Bayesian inference for joint modelling of longitudinal continuous, binary and ordinal events. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2521-2540.	1.5	14
39	Modeling of covariance structures of random effects and random errors in linear mixed models. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 2748-2769.	1.0	1
40	A novel approach for measuring bubbles uniformity and mixing efficiency in a direct contact heat exchanger. <i>Energy</i> , 2015, 93, 2313-2320.	8.8	22
41	Variable selection in joint modelling of the mean and variance for hierarchical data. <i>Statistical Modelling</i> , 2015, 15, 24-50.	1.1	2
42	Variable Selection in Joint Mean and Dispersion Models via Double Penalized Likelihood. <i>Sankhya B</i> , 2014, 76, 276-304.	0.9	2
43	Covariance structure regularization via entropy loss function. <i>Computational Statistics and Data Analysis</i> , 2014, 72, 315-327.	1.2	28
44	Case-Deletion Diagnostics for Linear Mixed Models. <i>Technometrics</i> , 2014, 56, 269-281.	1.9	16
45	Joint longitudinal and survival models in tumour xenograft experiments. <i>Statistics in Medicine</i> , 2014, 33, 3229-3240.	1.6	8
46	Random effects selection in generalized linear mixed models via shrinkage penalty function. <i>Statistics and Computing</i> , 2014, 24, 725-738.	1.5	19
47	Nonparametric estimation of mean and covariance structures for longitudinal data. <i>Canadian Journal of Statistics</i> , 2013, 41, 557-574.	0.9	6
48	A Bayesian Association Rule Mining Algorithm. , 2013, , .		8
49	Empirical likelihood for generalized linear models with longitudinal data. <i>Journal of Multivariate Analysis</i> , 2013, 114, 63-73.	1.0	22
50	Modelling Survival Events with Longitudinal Covariates Measured with Error. <i>Communications in Statistics - Theory and Methods</i> , 2013, 42, 3819-3837.	1.0	0
51	Testing linearity in semiparametric regression models. <i>Statistics and Its Interface</i> , 2013, 6, 3-8.	0.3	2
52	Modeling of mean-covariance structures in generalized estimating equations with dropouts. <i>Statistics and Its Interface</i> , 2013, 6, 19-26.	0.3	0
53	Testing for Cubic Smoothing Splines under Dependent Data. <i>Biometrics</i> , 2011, 67, 871-875.	1.4	7
54	A general joint model for longitudinal measurements and competing risks survival data with heterogeneous random effects. <i>Lifetime Data Analysis</i> , 2011, 17, 80-100.	0.9	43

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55	Semiparametric Mean-Covariance Regression Analysis for Longitudinal Data. Journal of the American Statistical Association, 2010, 105, 181-193.	3.1	84
56	Modelling conditional covariance in the linear mixed model. Statistical Modelling, 2007, 7, 49-71.	1.1	17
57	Quasi-Monte Carlo estimation in generalized linear mixed models. Computational Statistics and Data Analysis, 2007, 51, 5765-5775.	1.2	22
58	Regression models for covariance structures in longitudinal studies. Statistical Modelling, 2006, 6, 43-57.	1.1	32
59	Modelling of covariance structures in generalised estimating equations for longitudinal data. Biometrika, 2006, 93, 927-941.	2.4	94
60	Modelling Mean-Covariance Structures in the Growth Curve Model. , 2005, , 141-157.		0
61	Discordant outlier detection in the growth curve model with Rao's simple covariance structure. Statistics and Probability Letters, 2004, 69, 135-142.	0.7	2
62	Multistate analysis of multitype recurrent event and failure time data with event feedbacks in biomarkers. Scandinavian Journal of Statistics, 0, , .	1.4	1
63	jmcm: a Python package for analyzing longitudinal data using joint mean-covariance models. Communications in Statistics Part B: Simulation and Computation, 0, , 1-16.	1.2	0