

Xuwen Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

187
citations

1684188

5
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1125743

13
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22
all docs

22
docs citations

22
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	On model-based clustering of skewed matrix data. <i>Journal of Multivariate Analysis</i> , 2018, 167, 181-194.	1.0	37
2	Mainly transformation in finite mixture modeling. <i>Computational Statistics and Data Analysis</i> , 2018, 121, 190-208.	1.2	30
3	On parsimonious models for modeling matrix data. <i>Computational Statistics and Data Analysis</i> , 2020, 142, 106822.	1.2	30
4	Studying crime trends in the USA over the years 2000â€“2012. <i>Advances in Data Analysis and Classification</i> , 2019, 13, 325-341.	1.4	29
5	Statistical Modeling of Tidal Weather in the Mesosphere and Lower Thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9011-9027.	3.3	15
6	MatTransMix: an R Package for Matrix Model-Based Clustering and Parsimonious Mixture Modeling. <i>Journal of Classification</i> , 2022, 39, 147-170.	2.2	8
7	Tensor-variate finite mixture modeling for the analysis of university professor remuneration. <i>Annals of Applied Statistics</i> , 2021, 15, .	1.1	6
8	Transformation mixture modeling for skewed data groups with heavy tails and scatter. <i>Computational Statistics</i> , 2021, 36, 61-78.	1.5	5
9	Numerical Prediction of the Migrating Diurnal Tide Total Variability in the Mesosphere and Lower Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029588.	2.4	4
10	Probabilistic assessment of model-based clustering. <i>Advances in Data Analysis and Classification</i> , 2015, 9, 395-422.	1.4	3
11	Statistics on Nonmigrating Diurnal Tides Generated by Tide-Planetary Wave Interaction and Their Relationship to Sudden Stratospheric Warming. <i>Atmosphere</i> , 2018, 9, 416.	2.3	3
12	Model-based clustering of time-dependent categorical sequences with application to the analysis of major life event patterns. <i>Statistical Analysis and Data Mining</i> , 2021, 14, 230-240.	2.8	3
13	On Finite Mixture Modeling of Change-point Processes. <i>Journal of Classification</i> , 0, , 1.	2.2	3
14	Matrix-variate time series modelling with hidden Markov models. <i>Stat</i> , 2021, 10, e409.	0.4	3
15	Variable diagnostics in model-based clustering through variation partition. <i>Journal of Applied Statistics</i> , 2018, 45, 2888-2905.	1.3	2
16	Multiple change point clustering of count processes with application to California COVID data. <i>Pattern Recognition Letters</i> , 2022, 157, 83-89.	4.2	2
17	Finite mixture model of hidden Markov regression with covariate dependence. <i>Stat</i> , 2022, 11, .	0.4	2
18	Studying contributions of variables to classification. <i>Statistics and Probability Letters</i> , 2017, 129, 318-325.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Finite mixture modeling of change point processes to discover opioid prescribing patterns: A case study of automated reports and consolidated ordering system data. Communications in Statistics Case Studies Data Analysis and Applications, 0, , 1-15.	0.3	1
20	Probability of misclassification in model-based clustering. Computational Statistics, 2019, 34, 1427-1442.	1.5	0
21	Mixture modelling of categorical sequences with secondary components. Stat, 2020, 9, e295.	0.4	0