Xuwen Zhu

List of Publications by Year
in descending order

21	187	1684188	1125743
papers	citations	5	13
		h-index	g-index

22	22	22	96
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MatTransMix: an R Package for Matrix Model-Based Clustering and Parsimonious Mixture Modeling. Journal of Classification, 2022, 39, 147-170.	2.2	8
2	Multiple change point clustering of count processes with application to California COVID data. Pattern Recognition Letters, 2022, 157, 83-89.	4.2	2
3	Finite mixture model of hidden Markov regression with covariate dependence. Stat, 2022, 11, .	0.4	2
4	Transformation mixture modeling for skewed data groups with heavy tails and scatter. Computational Statistics, 2021, 36, 61-78.	1.5	5
5	Modelâ€based clustering of timeâ€dependent categorical sequences with application to the analysis of major life event patterns. Statistical Analysis and Data Mining, 2021, 14, 230-240.	2.8	3
6	Tensor-variate finite mixture modeling for the analysis of university professor remuneration. Annals of Applied Statistics, 2021, 15, .	1.1	6
7	Matrixâ€variate time series modelling with hidden Markov models. Stat, 2021, 10, e409.	0.4	3
8	Numerical Prediction of the Migrating Diurnal Tide Total Variability in the Mesosphere and Lower Thermosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029588.	2.4	4
9	On parsimonious models for modeling matrix data. Computational Statistics and Data Analysis, 2020, 142, 106822.	1.2	30
10	Mixture modelling of categorical sequences with secondary components. Stat, 2020, 9, e295.	0.4	0
11	Studying crime trends in the USA over the years 2000â€"2012. Advances in Data Analysis and Classification, 2019, 13, 325-341.	1.4	29
12	Statistical Modeling of Tidal Weather in the Mesosphere and Lower Thermosphere. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9011-9027.	3.3	15
13	Probability of misclassification in model-based clustering. Computational Statistics, 2019, 34, 1427-1442.	1.5	0
14	Manly transformation in finite mixture modeling. Computational Statistics and Data Analysis, 2018, 121, 190-208.	1.2	30
15	Variable diagnostics in model-based clustering through variation partition. Journal of Applied Statistics, 2018, 45, 2888-2905.	1.3	2
16	Statistics on Nonmigrating Diurnal Tides Generated by Tide-Planetary Wave Interaction and Their Relationship to Sudden Stratospheric Warming. Atmosphere, 2018, 9, 416.	2.3	3
17	On model-based clustering of skewed matrix data. Journal of Multivariate Analysis, 2018, 167, 181-194.	1.0	37
18	Studying contributions of variables to classification. Statistics and Probability Letters, 2017, 129, 318-325.	0.7	1

#	Article	IF	Citations
19	Probabilistic assessment of model-based clustering. Advances in Data Analysis and Classification, 2015, 9, 395-422.	1.4	3
20	On Finite Mixture Modeling of Change-point Processes. Journal of Classification, 0, , 1.	2.2	3
21	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