

Huiwen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,089
citations

567281

15
h-index

414414

32
g-index

49
all docs

49
docs citations

49
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	Academic failures and co-location social networks in campus. EPJ Data Science, 2022, 11, .	2.8	4
2	An efficient approach for discriminant analysis based on adaptive feature augmentation. Journal of Statistical Computation and Simulation, 2022, 92, 3414-3429.	1.2	0
3	Convolutional neural network forecasting of European Union allowances futures using a novel unconstrained transformation method. Energy Economics, 2022, 110, 106049.	12.1	29
4	M-LDQ feature embedding and regression modeling for distribution-valued data. Information Sciences, 2022, 609, 121-152.	6.9	2
5	A robust spatial autoregressive scalar-on-function regression with t-distribution. Advances in Data Analysis and Classification, 2021, 15, 57-81.	1.4	4
6	Sliced inverse regression method for multivariate compositional data modeling. Statistical Papers, 2021, 62, 361-393.	1.2	3
7	Convex clustering method for compositional data modeling. Soft Computing, 2021, 25, 2965-2980.	3.6	1
8	Convex clustering method for compositional data via sparse group lasso. Neurocomputing, 2021, 425, 23-36.	5.9	4
9	Compositional data techniques for forecasting dynamic change in China's energy consumption structure by 2020 and 2030. Journal of Cleaner Production, 2021, 284, 124702.	9.3	27
10	A Spatial Durbin Model for Compositional Data. , 2021, , 471-488.		0
11	MD-MBPLS: A novel explanatory model in computational social science. Knowledge-Based Systems, 2021, 223, 107023.	7.1	6
12	Improving accuracy of financial distress prediction by considering volatility: an interval-data-based discriminant model. Computational Statistics, 2020, 35, 491-514.	1.5	3
13	Linear mixed-effects model for longitudinal complex data with diversified characteristics. Journal of Management Science and Engineering, 2020, 5, 105-124.	2.8	3
14	Trading Imbalance in Chinese Stock Market—A High-Frequency View. Entropy, 2020, 22, 897.	2.2	1
15	The Emergence of Critical Stocks in Market Crash. Frontiers in Physics, 2020, 8, .	2.1	4
16	Ultra-high dimensional variable screening via Gram-Schmidt orthogonalization. Computational Statistics, 2020, 35, 1153-1170.	1.5	2
17	A density weighted fuzzy outlier clustering approach for class imbalanced learning. Neural Computing and Applications, 2020, 32, 13035-13049.	5.6	10
18	Tracking and forecasting milestone moments of the epidemic in the early-outbreak: framework and applications to the COVID-19. F1000Research, 2020, 9, 333.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Incremental modelling for compositional data streams. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2229-2243.	1.2	3
20	A flexible spatial autoregressive modelling framework for mixed covariates of multiple data types. Communications in Statistics Part B: Simulation and Computation, 2019, , 1-18.	1.2	2
21	Linear mixed-effects model for multivariate longitudinal compositional data. Neurocomputing, 2019, 335, 48-58.	5.9	4
22	A novel approach to intrusion detection using SVM ensemble with feature augmentation. Computers and Security, 2019, 86, 53-62.	6.0	118
23	Examining the influencing factors of CO ₂ emissions at city level via panel quantile regression: evidence from 102 Chinese cities. Applied Economics, 2019, 51, 3906-3919.	2.2	22
24	Predicting population age structures of China, India, and Vietnam by 2030 based on compositional data. PLoS ONE, 2019, 14, e0212772.	2.5	33
25	Spatial partial least squares autoregression: Algorithm and applications. Chemometrics and Intelligent Laboratory Systems, 2019, 184, 123-131.	3.5	8
26	Aggregating multiple types of complex data in stock market prediction: A model-independent framework. Knowledge-Based Systems, 2019, 164, 193-204.	7.1	36
27	What Contributes to Success in MOBA Games? An Empirical Study of Defense of the Ancients 2. Games and Culture, 2019, 14, 498-522.	2.8	35
28	Herding boosts too-connected-to-fail risk in stock market of China. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 945-964.	2.6	16
29	Uncovering the culprits of air pollution: Evidence from China's economic sectors and regional heterogeneities. Journal of Cleaner Production, 2018, 171, 1481-1493.	9.3	58
30	Endogenous or Exogenous? Examining Trans-Boundary Air Pollution by Using the Air Quality Index (AQI): A Case Study of 30 Provinces and Autonomous Regions in China. Sustainability, 2018, 10, 4220.	3.2	13
31	Spatial seasonal characteristics and critical impact factors of PM2.5 concentration in the Beijing-Tianjin-Hebei urban agglomeration. PLoS ONE, 2018, 13, e0201364.	2.5	41
32	Functional variable selection via Gram-Schmidt orthogonalization for multiple functional linear regression. Journal of Statistical Computation and Simulation, 2018, 88, 3664-3680.	1.2	5
33	Sampling Based Histogram PCA and Its Mapreduce Parallel Implementation on Multicore. Symmetry, 2018, 10, 162.	2.2	1
34	Promoting inclusive water governance and forecasting the structure of water consumption based on compositional data: A case study of Beijing. Science of the Total Environment, 2018, 634, 407-416.	8.0	49
35	An effective intrusion detection framework based on SVM with feature augmentation. Knowledge-Based Systems, 2017, 136, 130-139.	7.1	200
36	Interval-valued data regression using partial linear model. Journal of Statistical Computation and Simulation, 2017, , 1-20.	1.2	5

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37	China's Carbon Footprint Based on Input-Output Table Series: 1992-2020. Sustainability, 2017, 9, 387.	3.2	17
38	Robust shrinkage estimation and selection for functional multiple linear model through LAD loss. Computational Statistics and Data Analysis, 2016, 103, 384-400.	1.2	13
39	Principal component analysis for probabilistic symbolic data: a more generic and accurate algorithm. Advances in Data Analysis and Classification, 2015, 9, 59-79.	1.4	4
40	Updating Input-Output Tables with Benchmark Table Series. Economic Systems Research, 2015, 27, 287-305.	2.7	15
41	Principal component analysis for compositional data vectors. Computational Statistics, 2015, 30, 1079-1096.	1.5	15
42	Cultural Difference on Team Performance Between Chinese and Americans in Multiplayer Online Battle Arena Games. Lecture Notes in Computer Science, 2015, , 374-383.	1.3	5
43	The λ -estimator for functional linear regression model. Statistics and Probability Letters, 2014, 88, 165-173.	0.7	14
44	Multiple linear regression modeling for compositional data. Neurocomputing, 2013, 122, 490-500.	5.9	115
45	Linear regression of interval-valued data based on complete information in hypercubes. Journal of Systems Science and Systems Engineering, 2012, 21, 422-442.	1.6	22
46	CIPCA: Complete-Information-based Principal Component Analysis for interval-valued data. Neurocomputing, 2012, 86, 158-169.	5.9	54
47	The style and innate structure of the stock markets in China. Pacific-Basin Finance Journal, 2009, 17, 224-242.	3.9	5
48	A hyperspherical transformation forecasting model for compositional data. European Journal of Operational Research, 2007, 179, 459-468.	5.7	49