

Weijie Ren

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

419
citations

759055

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30
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Global mutual information-based feature selection approach using single-objective and multi-objective optimization. <i>Neurocomputing</i> , 2015, 168, 47-54.	3.5	59
2	Nonuniform State Space Reconstruction for Multivariate Chaotic Time Series. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 1885-1895.	6.2	40
3	Joint mutual information-based input variable selection for multivariate time series modeling. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 37, 250-257.	4.3	37
4	Multivariate Chaotic Time Series Prediction Based on Improved Grey Relational Analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 2144-2154.	5.9	36
5	Robust manifold broad learning system for large-scale noisy chaotic time series prediction: A perturbation perspective. <i>Neural Networks</i> , 2019, 117, 179-190.	3.3	31
6	Application of a Hybrid Model Based on Echo State Network and Improved Particle Swarm Optimization in PM2.5 Concentration Forecasting: A Case Study of Beijing, China. <i>Sustainability</i> , 2019, 11, 3096.	1.6	24
7	Prediction of Air Pollution Concentration Based on mRMR and Echo State Network. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1811.	1.3	22
8	Hierarchical delay-memory echo state network: A model designed for multi-step chaotic time series prediction. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 102, 104229.	4.3	22
9	Classification of EEG Signals Using Hybrid Feature Extraction and Ensemble Extreme Learning Machine. <i>Neural Processing Letters</i> , 2019, 50, 1281-1301.	2.0	21
10	A novel Granger causality method based on HSIC-Lasso for revealing nonlinear relationship between multivariate time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 541, 123245.	1.2	17
11	A hybrid model of stacked autoencoder and modified particle swarm optimization for multivariate chaotic time series forecasting. <i>Applied Soft Computing Journal</i> , 2022, 116, 108321.	4.1	17
12	A Hybrid Model Based on a Two-Layer Decomposition Approach and an Optimized Neural Network for Chaotic Time Series Prediction. <i>Symmetry</i> , 2019, 11, 610.	1.1	15
13	Modified BBO-Based Multivariate Time-Series Prediction System With Feature Subset Selection and Model Parameter Optimization. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2163-2173.	6.2	12
14	Efficient feature extraction framework for EEG signals classification. , 2016, , .		11
15	Variational auto-encoders based on the shift correction for imputation of specific missing in multivariate time series. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 186, 110055.	2.5	10
16	Quantized generalized maximum correntropy criterion based kernel recursive least squares for online time series prediction. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 95, 103797.	4.3	9
17	Random Fourier feature kernel recursive maximum mixture correntropy algorithm for online time series prediction. <i>ISA Transactions</i> , 2022, 126, 370-376.	3.1	6
18	Learning Both Dynamic-Shared and Dynamic-Specific Patterns for Chaotic Time-Series Prediction. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4115-4125.	6.2	5

#	ARTICLE	IF	CITATIONS
19	Time series prediction based on echo state network tuned by divided adaptive multi-objective differential evolution algorithm. <i>Soft Computing</i> , 2021, 25, 4489-4502.	2.1	5
20	Hierarchical Echo State Network With Sparse Learning: A Method for Multidimensional Chaotic Time Series Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, PP, 1-12.	7.2	4
21	Multi-step-ahead Chaotic Time Series Prediction Based on Hierarchical Echo State Network with Augmented Random Features. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022, , 1-1.	2.6	4
22	A Combination Model Based on EEMD-PE and Echo State Network for Chaotic Time Series Prediction. , 2019, , .		3
23	Mutual Information Variational Autoencoders and Its Application to Feature Extraction of Multivariate Time Series. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2022, 36, .	0.7	3
24	Adaptive Sparse Quantization Kernel Least Mean Square Algorithm for Online Prediction of Chaotic Time Series. <i>Circuits, Systems, and Signal Processing</i> , 2021, 40, 4346-4369.	1.2	2
25	A two-stage causality method for time series prediction based on feature selection and momentary conditional independence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 595, 126970.	1.2	2
26	Modeling of multivariate time series using variable selection and Gaussian process. , 2014, , .		1
27	Research on Path Planning of Cloud Robot in Dynamic Environment Based on Improved DDPG Algorithm. , 2021, , .		1
28	Prediction of multivariate time series with sparse Gaussian process echo state network. , 2013, , .		0
29	Multivariate chaotic system modeling based on nonuniform state space reconstruction and echo state network. , 2015, , .		0
30	Particle Swarm optimization based Neural Network Model for Chaotic Time Series Forecasting. , 2020, , .		0