Wenbin Shi

List of Publications by Year
in descending order

25 papers	685 citations	687363 13 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	657 citing authors

#	Article	IF	Citations
1	Query-based-learning mortality-related decoders for the developed island economy. Scientific Reports, 2022, 12, 956.	3.3	1
2	Frequency Nesting Interactions in the Subthalamic Nucleus Correlate With the Step Phases for Parkinsonâ€™s Disease. Frontiers in Physiology, 2022, 13, 890753.	2.8	8
3	Investigating Variational Phase-Amplitude Coupling in EEG-based Emotion Recognition. , 2021, , .		1
4	Probing age-related changes in cardio-respiratory dynamics by multimodal coupling assessment. Chaos, 2020, 30, 033118.	2.5	4
5	Waveform changes with the evolution of beta bursts in the human subthalamic nucleus. Clinical Neurophysiology, 2020, 131, 2086-2099.	1.5	13
6	Cross-Frequency Transfer Entropy Characterize Coupling of Interacting Nonlinear Oscillators in Complex Systems. IEEE Transactions on Biomedical Engineering, 2019, 66, 521-529.	4.2	27
7	A novel method of visualizing q-complexity-entropy curve in the multiscale fashion. Nonlinear Dynamics, 2019, 97, 2813-2828.	5.2	9
8	Subthalamic nucleus oscillations correlate with vulnerability to freezing of gait in patients with Parkinson's disease. Neurobiology of Disease, 2019, 132, 104605.	4.4	36
9	Robust Fetal Heart Beat Detection via R-Peak Intervals Distribution. IEEE Transactions on Biomedical Engineering, 2019, 66, 3310-3319.	4.2	36
10	Measuring multiscale complexity in human sleep electroencephalography. , 2019, , .		0
11	Generalized multiscale Lempelâ€“Ziv complexity of cyclic alternating pattern during sleep. Nonlinear Dynamics, 2018, 93, 1899-1910.	5.2	21
12	Identifying Phase-Amplitude Coupling in Cyclic Alternating Pattern using Masking Signals. Scientific Reports, 2018, 8, 2649.	3.3	27
13	Nonlinear dynamical analysis of sleep electroencephalography using fractal and entropy approaches. Sleep Medicine Reviews, 2018, 37, 85-93.	8.5	113
14	The multiscale large deviation spectrum based on higher moments for financial time series. Nonlinear Dynamics, 2018, 94, 597-613.	5.2	3
15	A comparison study on stages of sleep: Quantifying multiscale complexity using higher moments on coarse-graining. Communications in Nonlinear Science and Numerical Simulation, 2017, 44, 292-303.	3.3	53
16	The coupling analysis between stock market indices based on permutation measures. Physica A: Statistical Mechanics and Its Applications, 2016, 447, 222-231.	2.6	5
17	Dissimilarity measure based on ordinal pattern for physiological signals. Communications in Nonlinear Science and Numerical Simulation, 2016, 37, 115-124.	3.3	14
18	Permutation and weighted-permutation entropy analysis for the complexity of nonlinear time series. Communications in Nonlinear Science and Numerical Simulation, 2016, 31, 60-68.	3.3	48

#	Article	IF	Citations
19	EMD based refined composite multiscale entropy analysis of complex signals. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 583-593.	2.6	33
20	The multiscale analysis between stock market time series. International Journal of Modern Physics C, 2015, 26, 1550071.	1.7	5
21	The coupling analysis of stock market indices based on cross-permutation entropy. Nonlinear Dynamics, 2015, 79, 2439-2447.	5.2	21
22	Large deviations estimates for the multiscale analysis of traffic speed time series. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 562-570.	2.6	10
23	Classifying of financial time series based on multiscale entropy and multiscale time irreversibility. Physica A: Statistical Mechanics and Its Applications, 2014, 400, 151-158.	2.6	46
24	Multiscale multifractal detrended cross-correlation analysis of financial time series. Physica A: Statistical Mechanics and Its Applications, 2014, 403, 35-44.	2.6	75
25	Cross-sample entropy statistic as a measure of synchronism and cross-correlation of stock markets. Nonlinear Dynamics, 2013, 71, 539-554.	5.2	76