Yuxing Li

List of Publications by Year
in descending order

33 papers	906 citations	430874 18 h-index	477307 29 g-index
33 all docs	33 docs citations	33 times ranked	367 citing authors

#	Article	IF	Citations
1	Denoising and Feature Extraction Algorithms Using NPE Combined with VMD and Their Applications in Ship-Radiated Noise. Symmetry, 2017, 9, 256.	2.2	69
2	A Novel Feature Extraction Method for Ship-Radiated Noise Based on Variational Mode Decomposition and Multi-Scale Permutation Entropy. Entropy, 2017, 19, 342.	2.2	66
3	A novel complexity-based mode feature representation for feature extraction of ship-radiated noise using VMD and slope entropy. Applied Acoustics, 2022, 196, 108899.	3.3	65
4	A New Underwater Acoustic Signal Denoising Technique Based on CEEMDAN, Mutual Information, Permutation Entropy, and Wavelet Threshold Denoising. Entropy, 2018, 20, 563.	2.2	59
5	Reverse Dispersion Entropy: A New Complexity Measure for Sensor Signal. Sensors, 2019, 19, 5203.	3.8	54
6	Dispersion entropy-based Lempel-Ziv complexity: A new metric for signal analysis. Chaos, Solitons and Fractals, 2022, 161, 112400.	5.1	53
7	Research on Ship-Radiated Noise Denoising Using Secondary Variational Mode Decomposition and Correlation Coefficient. Sensors, 2018, 18, 48.	3.8	42
8	A Hybrid Energy Feature Extraction Approach for Ship-Radiated Noise Based on CEEMDAN Combined with Energy Difference and Energy Entropy. Processes, 2019, 7, 69.	2.8	42
9	Double Feature Extraction Method of Ship-Radiated Noise Signal Based on Slope Entropy and Permutation Entropy. Entropy, 2022, 24, 22.	2.2	42
10	A Fusion Frequency Feature Extraction Method for Underwater Acoustic Signal Based on Variational Mode Decomposition, Duffing Chaotic Oscillator and a Kind of Permutation Entropy. Electronics (Switzerland), 2019, 8, 61.	3.1	40
11	Particle Swarm Optimization Fractional Slope Entropy: A New Time Series Complexity Indicator for Bearing Fault Diagnosis. Fractal and Fractional, 2022, 6, 345.	3.3	36
12	A Novel Linear Spectrum Frequency Feature Extraction Technique for Warship Radio Noise Based on Complete Ensemble Empirical Mode Decomposition with Adaptive Noise, Duffing Chaotic Oscillator, and Weighted-Permutation Entropy. Entropy, 2019, 21, 507.	2.2	35
13	The Data-Driven Optimization Method and Its Application in Feature Extraction of Ship-Radiated Noise with Sample Entropy. Energies, 2019, 12, 359.	3.1	32
14	A Novel Counterfeit Feature Extraction Technique for Exposing Face-Swap Images Based on Deep Learning and Error Level Analysis. Entropy, 2020, 22, 249.	2.2	31
15	Fluctuation-based reverse dispersion entropy and its applications to signal classification. Applied Acoustics, 2021, 175, 107857.	3.3	30
16	Bearing Fault Feature Extraction Method Based on GA-VMD and Center Frequency. Mathematical Problems in Engineering, 2022, 2022, 1-19.	1.1	28
17	A Novel Probabilistic Data Association for Target Tracking in a Cluttered Environment. Sensors, 2016, 16, 2180.	3.8	27
18	Refined composite multiscale fluctuation-based dispersion Lempel–Ziv complexity for signal analysis. ISA Transactions, 2023, 133, 273-284.	5.7	26

#	Article	IF	Citations
19	Research on feature extraction of ship-radiated noise based on multi-scale reverse dispersion entropy. Applied Acoustics, 2021, 173, 107737.	3.3	23
20	PHD and CPHD Algorithms Based on a Novel Detection Probability Applied in an Active Sonar Tracking System. Applied Sciences (Switzerland), 2018, 8, 36.	2.5	18
21	Multi-Scale Feature Fusion for Coal-Rock Recognition Based on Completed Local Binary Pattern and Convolution Neural Network. Entropy, 2019, 21, 622.	2.2	18
22	A comparative study of four multi-scale entropies combined with grey relational degree in classification of ship-radiated noise. Applied Acoustics, 2021, 176, 107865.	3.3	13
23	Refined Composite Multi-Scale Reverse Weighted Permutation Entropy and Its Applications in Ship-Radiated Noise. Entropy, 2021, 23, 476.	2.2	10
24	Feature Extraction of Ship Radiation Signals Based on Wavelet Packet Decomposition and Energy Entropy. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	8
25	Harris Hawks Optimization with Multi-Strategy Search and Application. Symmetry, 2021, 13, 2364.	2.2	8
26	Comparative study of feature extraction and classification based on dispersion <scp>Lempel–Ziv</scp> complexity. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2022, 35, e2949.	1.9	7
27	Developing the fuzzy c-means clustering algorithm based on maximum entropy for multitarget tracking in a cluttered environment. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	7
28	Reverse Weighted-Permutation Entropy: A Novel Complexity Metric Incorporating Distance and Amplitude Information. Proceedings (mdpi), 2019, 46, .	0.2	6
29	RCMFRDE: Refined Composite Multiscale Fluctuation-Based Reverse Dispersion Entropy for Feature Extraction of Ship-Radiated Noise. Mathematical Problems in Engineering, 2021, 2021, 1-18.	1.1	4
30	Active Sonar Target Tracking Based on the GM-CPHD Filter Algorithm. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2018, 36, 656-663.	0.5	3
31	Partition KMNN-DBSCAN Algorithm and Its Application in Extraction of Rail Damage Data. Mathematical Problems in Engineering, 2022, 2022, 1-10.	1.1	2
32	Feature extraction of underwater acoustic signal using mode decomposition and measuring complexity. , 2018, , .		1
33	Multi-focus image fusion via Joint convolutional analysis and synthesis sparse representation. Signal Processing: Image Communication, 2021, 99, 116521.	3.2	1