

Ya-An Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/466138/publications.pdf>

Version: 2024-02-01

40
papers

611
citations

567281

15
h-index

610901

24
g-index

41
all docs

41
docs citations

41
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Denoising and Feature Extraction Algorithms Using NPE Combined with VMD and Their Applications in Ship-Radiated Noise. <i>Symmetry</i> , 2017, 9, 256.	2.2	69
2	A New Underwater Acoustic Signal Denoising Technique Based on CEEMDAN, Mutual Information, Permutation Entropy, and Wavelet Threshold Denoising. <i>Entropy</i> , 2018, 20, 563.	2.2	59
3	A Complexity-Based Approach for the Detection of Weak Signals in Ocean Ambient Noise. <i>Entropy</i> , 2016, 18, 101.	2.2	50
4	Feature Extraction of Ship-Radiated Noise Based on Permutation Entropy of the Intrinsic Mode Function with the Highest Energy. <i>Entropy</i> , 2016, 18, 393.	2.2	50
5	Research on Ship-Radiated Noise Denoising Using Secondary Variational Mode Decomposition and Correlation Coefficient. <i>Sensors</i> , 2018, 18, 48.	3.8	42
6	A Feature Extraction Method of Ship-Radiated Noise Based on Fluctuation-Based Dispersion Entropy and Intrinsic Time-Scale Decomposition. <i>Entropy</i> , 2019, 21, 693.	2.2	37
7	On the dynamics of ocean ambient noise: Two decades later. <i>Chaos</i> , 2015, 25, 103117.	2.5	28
8	A Novel Probabilistic Data Association for Target Tracking in a Cluttered Environment. <i>Sensors</i> , 2016, 16, 2180.	3.8	27
9	A New Feature Extraction Method for Ship-Radiated Noise Based on Improved CEEMDAN, Normalized Mutual Information and Multiscale Improved Permutation Entropy. <i>Entropy</i> , 2019, 21, 624.	2.2	22
10	Improved Permutation Entropy for Measuring Complexity of Time Series under Noisy Condition. <i>Complexity</i> , 2019, 2019, 1-12.	1.6	22
11	A Novel Improved Feature Extraction Technique for Ship-Radiated Noise Based on IITD and MDE. <i>Entropy</i> , 2019, 21, 1215.	2.2	22
12	Hierarchical Cosine Similarity Entropy for Feature Extraction of Ship-Radiated Noise. <i>Entropy</i> , 2018, 20, 425.	2.2	19
13	PHD and CPHD Algorithms Based on a Novel Detection Probability Applied in an Active Sonar Tracking System. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 36.	2.5	18
14	A Comparative Study of Multiscale Sample Entropy and Hierarchical Entropy and Its Application in Feature Extraction for Ship-Radiated Noise. <i>Entropy</i> , 2019, 21, 793.	2.2	17
15	Generalized pseudo Bayesian algorithms for tracking of multiple model underwater maneuvering target. <i>Applied Acoustics</i> , 2020, 166, 107345.	3.3	16
16	Underwater angle-only tracking with propagation delay and time-offset between observers. <i>Signal Processing</i> , 2020, 176, 107581.	3.7	13
17	Design of Nonlinear Autoregressive Exogenous Model Based Intelligence Computing for Efficient State Estimation of Underwater Passive Target. <i>Entropy</i> , 2021, 23, 550.	2.2	12
18	Application of Spherical-Radial Cubature Bayesian Filtering and Smoothing in Bearings Only Passive Target Tracking. <i>Entropy</i> , 2019, 21, 1088.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Developing the fuzzy c-means clustering algorithm based on maximum entropy for multitarget tracking in a cluttered environment. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	7
20	Research of new concept sonar-cognitive sonar. <i>Journal of Marine Science and Application</i> , 2011, 10, 502-509.	1.7	6
21	Underwater 3D Doppler-Angle Target Tracking with Signal Time Delay. <i>Sensors</i> , 2020, 20, 3869.	3.8	6
22	State Estimation of an Underwater Markov Chain Maneuvering Target Using Intelligent Computing. <i>Entropy</i> , 2021, 23, 1124.	2.2	6
23	PMHT Approach for Multi-Target Multi-Sensor Sonar Tracking in Clutter. <i>Sensors</i> , 2015, 15, 28177-28192.	3.8	5
24	Line Spectrum Enhancement of Underwater Acoustic Signals Using Kalman Filter. <i>Journal of Marine Science and Application</i> , 2020, 19, 148-154.	1.7	5
25	Performance Analysis of Gaussian Optimal Filtering for Underwater Passive Target Tracking. <i>Wireless Personal Communications</i> , 2020, 115, 61-76.	2.7	5
26	A Novel Application of Pattern Search Algorithm for Efficient Estimation of Channel State Information in MIMO Network. <i>Wireless Personal Communications</i> , 2021, 116, 325-340.	2.7	4
27	A Block Sparse-Based Dynamic Compressed Sensing Channel Estimator for Underwater Acoustic Communication. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 536.	2.6	4
28	Joint Inversion for Sound Speed Field and Moving Source Localization in Shallow Water. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 295.	2.6	3
29	Performance Analysis of Bayesian Filtering and Smoothing Algorithms for Underwater Passive Target Tracking. <i>Journal of Control, Automation and Electrical Systems</i> , 2020, 31, 1400-1411.	2.0	3
30	A feature extraction method of ship-radiated noise based on mathematical morphological filtering. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 3664-3675.	2.6	3
31	Genetic Algorithm for Sparse Optimization of Mills Cross Array Used in Underwater Acoustic Imaging. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 155.	2.6	3
32	Underwater passive manoeuvring target tracking with isogradient sound speed profile. <i>IET Radar, Sonar and Navigation</i> , 0, , .	1.8	3
33	Design of Nature Inspired Computing Approach for Estimation of Channel Coefficients in MIMO Networks. <i>Wireless Personal Communications</i> , 2019, 107, 2047-2069.	2.7	2
34	Convergence Analysis of Unscented Transform for Underwater Passive Target Tracking in Noisy Environment. , 2019, , .		2
35	Integrated Swarming Computing Paradigm for Efficient Estimation of Channel Parameters in MIMO System. <i>Wireless Personal Communications</i> , 2020, 115, 77-102.	2.7	2
36	Joint Tracking of Source and Environment Using Improved Particle Filtering in Shallow Water. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1203.	2.6	2

#	ARTICLE	IF	CITATIONS
37	Underwater Bearing Only Tracking Using Optimal Observer Maneuver Strategies. Journal of Marine Science and Engineering, 2022, 10, 576.	2.6	2
38	Parameter Estimation of a Ground Moving Target Using Image Sharpness Optimization. Sensors, 2016, 16, 1017.	3.8	1
39	Entropy based underwater acoustic signal detection. , 2017, , .		1
40	A Novel Improved Feature Extraction Technique for Ship-radiated Noise Based on Improved Intrinsic Time-Scale Decomposition and Multiscale Dispersion Entropy. Proceedings (mdpi), 2019, 46, .	0.2	0