

# Ya-An Li

## List of Publications by Year in descending order

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40  
papers

611  
citations

567281

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610901

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41  
all docs

41  
docs citations

41  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	A feature extraction method of ship-radiated noise based on mathematical morphological filtering. JVC/Journal of Vibration and Control, 2022, 28, 3664-3675.	2.6	3
2	Genetic Algorithm for Sparse Optimization of Mills Cross Array Used in Underwater Acoustic Imaging. Journal of Marine Science and Engineering, 2022, 10, 155.	2.6	3
3	A Block Sparse-Based Dynamic Compressed Sensing Channel Estimator for Underwater Acoustic Communication. Journal of Marine Science and Engineering, 2022, 10, 536.	2.6	4
4	Underwater Bearing Only Tracking Using Optimal Observer Maneuver Strategies. Journal of Marine Science and Engineering, 2022, 10, 576.	2.6	2
5	A Novel Application of Pattern Search Algorithm for Efficient Estimation of Channel State Information in MIMO Network. Wireless Personal Communications, 2021, 116, 325-340.	2.7	4
6	Design of Nonlinear Autoregressive Exogenous Model Based Intelligence Computing for Efficient State Estimation of Underwater Passive Target. Entropy, 2021, 23, 550.	2.2	12
7	State Estimation of an Underwater Markov Chain Maneuvering Target Using Intelligent Computing. Entropy, 2021, 23, 1124.	2.2	6
8	Joint Tracking of Source and Environment Using Improved Particle Filtering in Shallow Water. Journal of Marine Science and Engineering, 2021, 9, 1203.	2.6	2
9	Underwater 3D Doppler-Angle Target Tracking with Signal Time Delay. Sensors, 2020, 20, 3869.	3.8	6
10	Performance Analysis of Bayesian Filtering and Smoothing Algorithms for Underwater Passive Target Tracking. Journal of Control, Automation and Electrical Systems, 2020, 31, 1400-1411.	2.0	3
11	Line Spectrum Enhancement of Underwater Acoustic Signals Using Kalman Filter. Journal of Marine Science and Application, 2020, 19, 148-154.	1.7	5
12	Performance Analysis of Gaussian Optimal Filtering for Underwater Passive Target Tracking. Wireless Personal Communications, 2020, 115, 61-76.	2.7	5
13	Integrated Swarming Computing Paradigm for Efficient Estimation of Channel Parameters in MIMO System. Wireless Personal Communications, 2020, 115, 77-102.	2.7	2
14	Underwater angle-only tracking with propagation delay and time-offset between observers. Signal Processing, 2020, 176, 107581.	3.7	13
15	Generalized pseudo Bayesian algorithms for tracking of multiple model underwater maneuvering target. Applied Acoustics, 2020, 166, 107345.	3.3	16
16	A New Feature Extraction Method for Ship-Radiated Noise Based on Improved CEEMDAN, Normalized Mutual Information and Multiscale Improved Permutation Entropy. Entropy, 2019, 21, 624.	2.2	22
17	A Feature Extraction Method of Ship-Radiated Noise Based on Fluctuation-Based Dispersion Entropy and Intrinsic Time-Scale Decomposition. Entropy, 2019, 21, 693.	2.2	37
18	Joint Inversion for Sound Speed Field and Moving Source Localization in Shallow Water. Journal of Marine Science and Engineering, 2019, 7, 295.	2.6	3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Improved Permutation Entropy for Measuring Complexity of Time Series under Noisy Condition. <i>Complexity</i> , 2019, 2019, 1-12.	1.6	22
22	Convergence Analysis of Unscented Transform for Underwater Passive Target Tracking in Noisy Environment. , 2019, , .		2
23	A Novel Improved Feature Extraction Technique for Ship-Radiated Noise Based on IITD and MDE. <i>Entropy</i> , 2019, 21, 1215.	2.2	22
24	Application of Spherical-Radial Cubature Bayesian Filtering and Smoothing in Bearings Only Passive Target Tracking. <i>Entropy</i> , 2019, 21, 1088.	2.2	10
25	A Novel Improved Feature Extraction Technique for Ship-radiated Noise Based on Improved Intrinsic Time-Scale Decomposition and Multiscale Dispersion Entropy. <i>Proceedings (mdpi)</i> , 2019, 46, .	0.2	0
26	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
27	Hierarchical Cosine Similarity Entropy for Feature Extraction of Ship-Radiated Noise. <i>Entropy</i> , 2018, 20, 425.	2.2	19
28	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
29	Research on Ship-Radiated Noise Denoising Using Secondary Variational Mode Decomposition and Correlation Coefficient. <i>Sensors</i> , 2018, 18, 48.	3.8	42
30	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
31	Entropy based underwater acoustic signal detection. , 2017, , .		1
32	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
33	A Complexity-Based Approach for the Detection of Weak Signals in Ocean Ambient Noise. <i>Entropy</i> , 2016, 18, 101.	2.2	50
34	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
35	Parameter Estimation of a Ground Moving Target Using Image Sharpness Optimization. <i>Sensors</i> , 2016, 16, 1017.	3.8	1
36	A Novel Probabilistic Data Association for Target Tracking in a Cluttered Environment. <i>Sensors</i> , 2016, 16, 2180.	3.8	27

#	ARTICLE	IF	CITATIONS
37	On the dynamics of ocean ambient noise: Two decades later. <i>Chaos</i> , 2015, 25, 103117.	2.5	28
38	PMHT Approach for Multi-Target Multi-Sensor Sonar Tracking in Clutter. <i>Sensors</i> , 2015, 15, 28177-28192.	3.8	5
39	Research of new concept sonar-cognitive sonar. <i>Journal of Marine Science and Application</i> , 2011, 10, 502-509.	1.7	6
40	Underwater passive manoeuvring target tracking with isogradient sound speed profile. <i>IET Radar, Sonar and Navigation</i> , 0, , .	1.8	3