Ming Bao

List of Publications by Year
in descending order

31 papers	834 citations	687363 13 h-index	713466 21 g-index
33 all docs	33 docs citations	33 times ranked	970 citing authors

#	Article	IF	Citations
1	Experimental demonstration of anomalous Floquet topological insulator for sound. Nature Communications, 2016, 7, 13368.	12.8	344
2	Pattern recognition based on enhanced multifeature parameters for vibration events in Ï†â€OTDR distributed optical fiber sensing system. Microwave and Optical Technology Letters, 2017, 59, 3134-3141.	1.4	60
3	Pattern recognition based on time-frequency analysis and convolutional neural networks for vibrational events in Ï†-OTDR. Optical Engineering, 2018, 57, 1.	1.0	60
4	DOA Estimation From One-Bit Compressed Array Data via Joint Sparse Representation. IEEE Signal Processing Letters, 2016, 23, 1279-1283.	3.6	53
5	Generalized Iterated Kalman Filter and its Performance Evaluation. IEEE Transactions on Signal Processing, 2015, 63, 3204-3217.	5.3	44
6	Symmetry selective directionality in near-field acoustics. National Science Review, 2020, 7, 1024-1035.	9.5	41
7	Subwavelength imaging through spoof surface acoustic waves on a two-dimensional structured rigid surface. Applied Physics Letters, 2013, 103, .	3.3	34
8	Observation of Acoustic Skyrmions. Physical Review Letters, 2021, 127, 144502.	7.8	34
9	High-Resolution DOA Estimation Algorithm for a Single Acoustic Vector Sensor at Low SNR. IEEE Transactions on Signal Processing, 2020, 68, 6142-6158.	5.3	26
10	Estimation of low-altitude moving target trajectory using single acoustic array. Journal of the Acoustical Society of America, 2016, 139, 1848-1858.	1.1	21
11	Quantized Kalman Filter Tracking in Directional Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 871-883.	5.8	21
12	Self-Learning Filtering Method Based on Classification Error in Distributed Fiber Optic System. IEEE Sensors Journal, 2019, 19, 8929-8933.	4.7	15
13	An equivalent fluid model based finite-difference time-domain algorithm for sound propagation in porous material with rigid frame. Journal of the Acoustical Society of America, 2018, 143, 130-138.	1.1	13
14	The estimate for DOAs of signals using sparse recovery method. , 2012, , .		11
15	A biomimetic coupled circuit based microphone array for sound source localization. Journal of the Acoustical Society of America, 2015, 138, EL270-EL275.	1.1	10
16	DOA Estimation for Heterogeneous Wideband Sources Based on Adaptive Space-Frequency Joint Processing. IEEE Transactions on Signal Processing, 2022, 70, 1657-1672.	5.3	7
17	Target tracking using acoustic signatures of light-weight aircraft propeller noise. , 2013, , .		6
18	Direction-of-arrival estimation of quasi-stationary signals using two-level Khatri-Rao subspace and four-level nested array. Journal of Central South University, 2014, 21, 2743-2750.	3.0	6

#	Article	IF	Citations
19	Wireless Sensor Array Network DoA Estimation from Compressed Array Data via Joint Sparse Representation. Sensors, 2016, 16, 686.	3.8	6
20	Wideband DOA estimation based on block FOCUSS with limited samples. , 2013, , .		5
21	Wideband Multitarget Tracking Based on Dynamic Bayesian Network Learning in an Acoustic Sensor Array Network. IEEE Internet of Things Journal, 2022, 9, 4769-4787.	8.7	5
22	Sleep-dependent consolidation benefits fast transfer of time interval training. Experimental Brain Research, 2017, 235, 661-672.	1.5	4
23	Off-Grid DOA Estimation Based on Circularly Fully Convolutional Networks (CFCN) Using Space-Frequency Pseudo-Spectrum. Sensors, 2021, 21, 2767.	3.8	4
24	A Robust Steered Response Power Localization Method for Wireless Acoustic Sensor Networks in an Outdoor Environment. Sensors, 2021, 21, 1591.	3.8	2
25	Feature Extraction Using Histogram Entropies of Euclidean Distances for Vehicle Classification. , 2006, , .		1
26	Direction finding based on single channel array. , 2013, , .		1
27	The Application of Genetic Algorithm on the Training of Neural Network for Acoustic Target Classification. , 2008, , .		0
28	An improved wavelet based shock wave detector. , 2015, , .		0
29	Blade-vortex interaction detection and extraction under deep neural network-based scale feature model. Journal of the Acoustical Society of America, 2021, 150, 1479-1495.	1.1	0
30	Deep Neural Network-Based Scale Feature Model for BVI Detection and Principal Component Extraction. , 2019, , .		0
31	Multitarget Tracking Based on Dynamic Bayesian Network With Reparameterized Approximate Variational Inference. IEEE Internet of Things Journal, 2022, 9, 11542-11559.	8.7	0