

# Ming Bao

## List of Publications by Year in descending order

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papers

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citations

687363

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33  
docs citations

33  
times ranked

970  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multitarget Tracking Based on Dynamic Bayesian Network With Reparameterized Approximate Variational Inference. IEEE Internet of Things Journal, 2022, 9, 11542-11559.	8.7	0
3	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
4	A Robust Steered Response Power Localization Method for Wireless Acoustic Sensor Networks in an Outdoor Environment. Sensors, 2021, 21, 1591.	3.8	2
5	Off-Grid DOA Estimation Based on Circularly Fully Convolutional Networks (CFCN) Using Space-Frequency Pseudo-Spectrum. Sensors, 2021, 21, 2767.	3.8	4
6	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
7	Observation of Acoustic Skyrmions. Physical Review Letters, 2021, 127, 144502.	7.8	34
8	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
9	Symmetry selective directionality in near-field acoustics. National Science Review, 2020, 7, 1024-1035.	9.5	41
10	Self-Learning Filtering Method Based on Classification Error in Distributed Fiber Optic System. IEEE Sensors Journal, 2019, 19, 8929-8933.	4.7	15
11	Deep Neural Network-Based Scale Feature Model for BVI Detection and Principal Component Extraction. , 2019, , .		0
12	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
13	Quantized Kalman Filter Tracking in Directional Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 871-883.	5.8	21
14	Pattern recognition based on time-frequency analysis and convolutional neural networks for vibrational events in ĩt-OTDR. Optical Engineering, 2018, 57, 1.	1.0	60
15	Pattern recognition based on enhanced multifeature parameters for vibration events in ĩt-OTDR distributed optical fiber sensing system. Microwave and Optical Technology Letters, 2017, 59, 3134-3141.	1.4	60
16	Sleep-dependent consolidation benefits fast transfer of time interval training. Experimental Brain Research, 2017, 235, 661-672.	1.5	4
17	Wireless Sensor Array Network DoA Estimation from Compressed Array Data via Joint Sparse Representation. Sensors, 2016, 16, 686.	3.8	6
18	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

#	ARTICLE	IF	CITATIONS
19	Experimental demonstration of anomalous Floquet topological insulator for sound. Nature Communications, 2016, 7, 13368.	12.8	344
20	DOA Estimation From One-Bit Compressed Array Data via Joint Sparse Representation. IEEE Signal Processing Letters, 2016, 23, 1279-1283.	3.6	53
21	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
22	Generalized Iterated Kalman Filter and its Performance Evaluation. IEEE Transactions on Signal Processing, 2015, 63, 3204-3217.	5.3	44
23	An improved wavelet based shock wave detector. , 2015, , .		0
24	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
25	Target tracking using acoustic signatures of light-weight aircraft propeller noise. , 2013, , .		6
26	Wideband DOA estimation based on block FOCUS with limited samples. , 2013, , .		5
27	Subwavelength imaging through spoof surface acoustic waves on a two-dimensional structured rigid surface. Applied Physics Letters, 2013, 103, .	3.3	34
28	Direction finding based on single channel array. , 2013, , .		1
29	The estimate for DOAs of signals using sparse recovery method. , 2012, , .		11
30	The Application of Genetic Algorithm on the Training of Neural Network for Acoustic Target Classification. , 2008, , .		0
31	Feature Extraction Using Histogram Entropies of Euclidean Distances for Vehicle Classification. , 2006, , .		1