Hongsen He

List of Publications by Year
in descending order

16 papers	264 citations	1307594 7 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	188 citing authors

#	Article	IF	Citations
1	An Active Impulsive Noise Control Algorithm With Logarithmic Transformation. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1041-1044.	3.2	82
2	M-Estimate Based Normalized Subband Adaptive Filter Algorithm: Performance Analysis and Improvements. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 225-239.	5.8	41
3	Diffusion Normalized Least Mean M-estimate Algorithms: Design and Performance Analysis. IEEE Transactions on Signal Processing, 2020, 68, 2199-2214.	5.3	41
4	Time Difference of Arrival Estimation Exploiting Multichannel Spatio-Temporal Prediction. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 463-475.	3.2	27
5	Robust blind identification of room acoustic channels in symmetric alpha-stable distributed noise environments. Journal of the Acoustical Society of America, 2014, 136, 693-704.	1.1	16
6	On time delay estimation from a sparse linear prediction perspective. Journal of the Acoustical Society of America, 2015, 137, 1044-1047.	1.1	8
7	Sparsity-Aware Robust Normalized Subband Adaptive Filtering Algorithms With Alternating Optimization of Parameters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3934-3938.	3.0	8
8	Robust multichannel TDOA estimation for speaker localization using the impulsive characteristics of speech spectrum. , 2017, , .		7
9	General Robust Subband Adaptive Filtering: Algorithms and Applications. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 2128-2140.	5.8	7
10	A steered response power approach with trade-off prewhitening for acoustic source localization. Journal of the Acoustical Society of America, 2018, 143, 1003-1007.	1.1	6
11	Noise Robust Frequency-Domain Adaptive Blind Multichannel Identification With $ell _p$-Norm Constraint. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1608-1619.	5.8	5
12	A class of multichannel sparse linear prediction algorithms for time delay estimation of speech sources. Signal Processing, 2020, 169, 107395.	3.7	5
13	Robust NLMS algorithms with combined step-size against impulsive noises. , 2022, 128, 103609.		4
14	On directivity of a circular array with directional microphones. , 2016, , .		3
15	Robust Recursive Least M-Estimate Adaptive Filter for the Identification of Low-Rank Acoustic Systems. , 2021, , .		3
16	Robust Frequency-Domain Recursive Least M-Estimate Adaptive Filter For Acoustic System Identification. , 2020, , .		1