

Hongsen He

List of Publications by Year in descending order

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188
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	General Robust Subband Adaptive Filtering: Algorithms and Applications. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 2128-2140.	5.8	7
3	Robust NLMS algorithms with combined step-size against impulsive noises. , 2022, 128, 103609.		4
4	Robust Recursive Least M-Estimate Adaptive Filter for the Identification of Low-Rank Acoustic Systems. , 2021, , .		3
5	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
6	A class of multichannel sparse linear prediction algorithms for time delay estimation of speech sources. Signal Processing, 2020, 169, 107395.	3.7	5
7	Robust Frequency-Domain Recursive Least M-Estimate Adaptive Filter For Acoustic System Identification. , 2020, , .		1
8	Diffusion Normalized Least Mean M-estimate Algorithms: Design and Performance Analysis. IEEE Transactions on Signal Processing, 2020, 68, 2199-2214.	5.3	41
9	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
10	Noise Robust Frequency-Domain Adaptive Blind Multichannel Identification With ℓ_p -Norm Constraint. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1608-1619.	5.8	5
11	Robust multichannel TDOA estimation for speaker localization using the impulsive characteristics of speech spectrum. , 2017, , .		7
12	On directivity of a circular array with directional microphones. , 2016, , .		3
13	On time delay estimation from a sparse linear prediction perspective. Journal of the Acoustical Society of America, 2015, 137, 1044-1047.	1.1	8
14	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
15	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
16	An Active Impulsive Noise Control Algorithm With Logarithmic Transformation. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1041-1044.	3.2	82