

# Jing Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

249  
citations

1163117

8  
h-index

996975

15  
g-index

35  
all docs

35  
docs citations

35  
times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximizing the acoustic contrast with constrained reconstruction error under a generalized pressure matching framework in sound zone control. Journal of the Acoustical Society of America, 2022, 151, 2751-2759.	1.1	8
2	A Priori SNR Estimation for Speech Enhancement Based on PESQ-Induced Reinforcement Learning. , 2022, , .		0
3	An Explicit Connection Between Independent Vector Analysis and Tensor Decomposition in Blind Source Separation. IEEE Signal Processing Letters, 2022, 29, 1277-1281.	3.6	3
4	Efficient independent vector extraction of dominant source (L). Journal of the Acoustical Society of America, 2022, 151, 4126-4130.	1.1	0
5	Inference Skipping for More Efficient Real-Time Speech Enhancement With Parallel RNNs. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 2411-2421.	5.8	10
6	Modification of frequency-domain active noise control algorithm without secondary path modeling. Journal of the Acoustical Society of America, 2021, 149, 1021-1029.	1.1	2
7	Theoretical explanation of uneven frequency response of time-domain acoustic contrast control method. Journal of the Acoustical Society of America, 2021, 149, 4292-4297.	1.1	7
8	Nonlinear residual echo suppression based on dual-stream DPRNN. Eurasip Journal on Audio, Speech, and Music Processing, 2021, 2021, .	2.1	1
9	Semi-Blind Source Separation for Nonlinear Acoustic Echo Cancellation. IEEE Signal Processing Letters, 2021, 28, 474-478.	3.6	6
10	Active Control of Line Spectral Noise with Simultaneous Secondary Path Modeling Without Auxiliary Noise. , 2020, , .		1
11	Improving active noise control without secondary path modeling using subband phase estimation. Journal of the Acoustical Society of America, 2020, 147, 1275-1283.	1.1	4
12	Online multi-channel secondary path modeling in active noise control without auxiliary noise. Journal of the Acoustical Society of America, 2019, 146, 2590-2595.	1.1	5
13	A switching strategy of the frequency-domain adaptive algorithm for active noise control. Journal of the Acoustical Society of America, 2019, 146, 1045-1050.	1.1	4
14	Inspection of the secondary path modeling in active noise control from the viewpoint of channel identification in stereo acoustic echo cancellation. Journal of the Acoustical Society of America, 2019, 145, 3024-3030.	1.1	6
15	Multi-channel adaptive dereverberation robust to abrupt change of target speaker position. Journal of the Acoustical Society of America, 2019, 145, EL250-EL256.	1.1	2
16	Effective Improvement of Under-Modeling Frequency-Domain Kalman Filter. IEEE Signal Processing Letters, 2019, 26, 342-346.	3.6	5
17	Frequency Domain Trinicon-Based Blind Source Separation Method with Multi-Source Activity Detection for Sparsely Mixed Signals. , 2018, , .		1
18	RLS-Based Adaptive Dereverberation Tracing Abrupt Position Change of Target Speaker. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Convergence analysis of the modified frequency-domain block LMS algorithm with guaranteed optimal steady state performance. <i>Signal Processing</i> , 2017, 132, 165-169.	3.7	8
20	Compensating the distortion of micro-speakers in a closed box with consideration of nonlinear mechanical resistance. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 1144-1149.	1.1	3
21	A compact active sound absorption system compensating near-field effect of the secondary source. <i>Noise Control Engineering Journal</i> , 2017, 65, 482-487.	0.3	0
22	Effects of a near-field rigid sphere scatterer on the performance of linear microphone array beamformers. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 924-935.	1.1	1
23	Robustness of a compact endfire personal audio system against scattering effects (L). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2720-2724.	1.1	5
24	A Simplified Subband ANC Algorithm Without Secondary Path Modeling. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2016, 24, 1164-1174.	5.8	20
25	A maximum likelihood direction of arrival estimation method for open-sphere microphone arrays in the spherical harmonic domain. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 791-794.	1.1	10
26	Robust blind identification of room acoustic channels in symmetric alpha-stable distributed noise environments. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 693-704.	1.1	16
27	A modified frequency-domain block LMS algorithm with guaranteed optimal steady-state performance. <i>Signal Processing</i> , 2014, 104, 27-32.	3.7	17
28	Delivering Sound Energy along an Arbitrary Convex Trajectory. <i>Scientific Reports</i> , 2014, 4, 6628.	3.3	50
29	Time Difference of Arrival Estimation Exploiting Multichannel Spatio-Temporal Prediction. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2013, 21, 463-475.	3.2	27
30	Steady state behavior of normalized frequency domain adaptive filter in noncausal circumstances. , 2013, , .		0
31	A novel subband acoustic echo cancellation system based on fast affine projection algorithm. , 2008, , .		0
32	The application of nonuniform fast Fourier transform in audio coding. , 2008, , .		0
33	Lattice form adaptive infinite impulse response filtering algorithm for active noise control. <i>Journal of the Acoustical Society of America</i> , 2003, 113, 327-335.	1.1	20