Yi Luo

List of Publications by Year
in descending order

20 papers	2,416 citations	1937685 4 h-index	2272923 4 g-index
21 all docs	21 docs citations	21 times ranked	663 citing authors

#	Article	IF	Citations
1	Conv-TasNet: Surpassing Ideal Time–Frequency Magnitude Masking for Speech Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1256-1266.	5.8	926
2	Dual-Path RNN: Efficient Long Sequence Modeling for Time-Domain Single-Channel Speech Separation. , 2020, , .		330
3	TaSNet: Time-Domain Audio Separation Network for Real-Time, Single-Channel Speech Separation. , 2018, , .		328
4	Deep attractor network for single-microphone speaker separation. , 2017, 2017, 246-250.		245
5	Speaker-Independent Speech Separation With Deep Attractor Network. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 787-796.	5.8	142
6	Deep clustering and conventional networks for music separation: Stronger together. , 2017, 2017, 61-65.		85
7	End-to-end Microphone Permutation and Number Invariant Multi-channel Speech Separation. , 2020, , .		74
8	FaSNet: Low-Latency Adaptive Beamforming for Multi-Microphone Audio Processing. , 2019, , .		64
9	Speaker-independent auditory attention decoding without access to clean speech sources. Science Advances, 2019, 5, eaav6134.	10.3	55
10	Real-time Single-channel Dereverberation and Separation with Time-domain Audio Separation Network. , 0, , .		40
11	Integration of Speech Separation, Diarization, and Recognition for Multi-Speaker Meetings: System Description, Comparison, and Analysis. , 2021, , .		27
12	Real-Time Binaural Speech Separation with Preserved Spatial Cues. , 2020, , .		23
13	Group Communication With Context Codec for Lightweight Source Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1752-1761.	5.8	17
14	Ultra-Lightweight Speech Separation Via Group Communication. , 2021, , .		16
15	Online Deep Attractor Network for Real-time Single-channel Speech Separation. , 2019, , .		14
16	Dual-Path RNN for Long Recording Speech Separation. , 2021, , .		9
17	Distortion-Controlled Training for end-to-end Reverberant Speech Separation with Auxiliary Autoencoding Loss. , 2021, , .		6
18	Augmented Time-frequency Mask Estimation in Cluster-based Source Separation Algorithms. , 2019, , .		5

#	Article	IF	Citations
19	Dual-Path Modeling for Long Recording Speech Separation in Meetings. , 2021, , .		5
20	Rethinking The Separation Layers In Speech Separation Networks. , 2021, , .		4