

Yi Luo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,416
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1937685

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docs citations

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times ranked

663
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Integration of Speech Separation, Diarization, and Recognition for Multi-Speaker Meetings: System Description, Comparison, and Analysis. , 2021, , . | | 27 |
| 3 | Dual-Path Modeling for Long Recording Speech Separation in Meetings. , 2021, , . | | 5 |
| 4 | Rethinking The Separation Layers In Speech Separation Networks. , 2021, , . | | 4 |
| 5 | Ultra-Lightweight Speech Separation Via Group Communication. , 2021, , . | | 16 |
| 6 | Dual-Path RNN for Long Recording Speech Separation. , 2021, , . | | 9 |
| 7 | Distortion-Controlled Training for end-to-end Reverberant Speech Separation with Auxiliary Autoencoding Loss. , 2021, , . | | 6 |
| 8 | Dual-Path RNN: Efficient Long Sequence Modeling for Time-Domain Single-Channel Speech Separation. , 2020, , . | | 330 |
| 9 | End-to-end Microphone Permutation and Number Invariant Multi-channel Speech Separation. , 2020, , . | | 74 |
| 10 | Real-Time Binaural Speech Separation with Preserved Spatial Cues. , 2020, , . | | 23 |
| 11 | Speaker-independent auditory attention decoding without access to clean speech sources. Science Advances, 2019, 5, eaav6134. | 10.3 | 55 |
| 12 | 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 |
| 13 | Online Deep Attractor Network for Real-time Single-channel Speech Separation. , 2019, , . | | 14 |
| 14 | Augmented Time-frequency Mask Estimation in Cluster-based Source Separation Algorithms. , 2019, , . | | 5 |
| 15 | FaSNet: Low-Latency Adaptive Beamforming for Multi-Microphone Audio Processing. , 2019, , . | | 64 |
| 16 | Speaker-Independent Speech Separation With Deep Attractor Network. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 787-796. | 5.8 | 142 |
| 17 | TaSNet: Time-Domain Audio Separation Network for Real-Time, Single-Channel Speech Separation. , 2018, , . | | 328 |
| 18 | Deep attractor network for single-microphone speaker separation. , 2017, 2017, 246-250. | | 245 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Deep clustering and conventional networks for music separation: Stronger together. , 2017, 2017, 61-65. | | 85 |
| 20 | Real-time Single-channel Dereverberation and Separation with Time-domain Audio Separation Network. , 0, , . | | 40 |