Yuki Mitsufuji

List of Publications by Year
in descending order

33 papers	**790** citations	1478505 **6** h-index	1588992 **8** g-index
33 all docs	**33** docs citations	**33** times ranked	**317** citing authors

#	Article	IF	Citations
1	Music Demixing Challenge 2021. Frontiers in Signal Processing, 2022, 1, .	1.7	15
2	Music Source Separation With Deep Equilibrium Models. , 2022, , .		2
3	Amicable Examples for Informed Source Separation. , 2022, , .		0
4	Spatial Data Augmentation with Simulated Room Impulse Responses for Sound Event Localization and Detection. , 2022, , .		4
5	Amicable Examples for Informed Source Separation. , 2022, , .		0
6	Multichannel Blind Source Separation Based on Evanescent-Region-Aware Non-Negative Tensor Factorization in Spherical Harmonic Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 607-617.	5.8	13
7	Adversarial Attacks on Audio Source Separation. , 2021, , .		3
8	Accdoa: Activity-Coupled Cartesian Direction of Arrival Representation for Sound Event Localization And Detection. , 2021, , .		31
9	All For One And One For All: Improving Music Separation By Bridging Networks. , 2021, , .		17
10	Hierarchical disentangled representation learning for singing voice conversion. , 2021, , .		2
11	Densely connected multidilated convolutional networks for dense prediction tasks. , 2021, , .		23
12	Multichannel Non-Negative Matrix Factorization Using Banded Spatial Covariance Matrices in Wavenumber Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 49-60.	5.8	13
13	Spherical-Harmonic-Domain Feedforward Active Noise Control Using Sparse Decomposition of Reference Signals from Distributed Sensor Arrays. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 656-670.	5.8	11
14	Coherence-based performance analysis on noise reduction in multichannel active noise control systems. Journal of the Acoustical Society of America, 2020, 148, 1519-1528.	1.1	5
15	Analytic error control methods for efficient rotation in dynamic binaural rendering of Ambisonics. Journal of the Acoustical Society of America, 2020, 147, 218-230.	1.1	3
16	Improving Voice Separation by Incorporating End-To-End Speech Recognition. , 2020, , .		13
17	Array-Geometry-Aware Spatial Active Noise Control Based on Direction-of-Arrival Weighting. , 2020, , .		1
18	Global and Local Mode-domain Adaptive Algorithms for Spatial Active Noise Control Using Higher-order Sources. , 2019, , .		9

#	Article	IF	Citations
19	Open-Unmix - A Reference Implementation for Music Source Separation. Journal of Open Source Software, 2019, 4, 1667.	4.6	114
20	Mmdenselstm: An Efficient Combination of Convolutional and Recurrent Neural Networks for Audio Source Separation. , 2018, , .		84
21	Mode-Domain Spatial Active Noise Control Using Multiple Circular Arrays. , 2018, , .		9
22	Mode Domain Spatial Active Noise Control Using Sparse Signal Representation. , 2018, , .		15
23	Improving music source separation based on deep neural networks through data augmentation and network blending. , 2017, , .		108
24	Supervised monaural source separation based on autoencoders. , 2017, , .		7
25	Multi-Scale multi-band densenets for audio source separation. , 2017, , .		86
26	Multichannel blind source separation based on non-negative tensor factorization in wavenumber domain. , 2016, , .		12
27	Deep neural network based instrument extraction from music. , 2015, , .		72
28	NMF-based blind source separation using a linear predictive coding error clustering criterion. , 2015, , .		9
29	Online NON-negative Tensor Deconvolution for source detection in 3DTV audio. , 2014, , .		3
30	On the use of a spatial cue as prior information for stereo sound source separation based on spatially weighted non-negative tensor factorization. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	7
31	Sound source separation based on non-negative tensor factorization incorporating spatial cue as prior knowledge. , 2013, , .		14
32	PhaseNet: Discretized Phase Modeling with Deep Neural Networks for Audio Source Separation. , 0, , .		39
33	Recursive Speech Separation for Unknown Number of Speakers. , 0, , .		46