

Sharath Adavanne

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

789
citations

2682572

2
h-index

2917675

2
g-index

14
all docs

14
docs citations

14
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Sound Event Localization and Detection of Overlapping Sources Using Convolutional Recurrent Neural Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 34-48.	10.8	242
2	Direction of Arrival Estimation for Multiple Sound Sources Using Convolutional Recurrent Neural Network. , 2018, , .		139
3	Sound event detection using spatial features and convolutional recurrent neural network. , 2017, , .		86
4	Convolutional recurrent neural networks for bird audio detection. , 2017, , .		58
5	Stacked convolutional and recurrent neural networks for bird audio detection. , 2017, , .		50
6	Overview and Evaluation of Sound Event Localization and Detection in DCASE 2019. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 684-698.	5.8	42
7	A Multi-room Reverberant Dataset for Sound Event Localization and Detection. , 0, , .		42
8	Automated audio captioning with recurrent neural networks. , 2017, , .		40
9	Joint Measurement of Localization and Detection of Sound Events. , 2019, , .		34
10	Multichannel Sound Event Detection Using 3D Convolutional Neural Networks for Learning Inter-channel Features. , 2018, , .		23
11	Localization, Detection and Tracking of Multiple Moving Sound Sources with a Convolutional Recurrent Neural Network. , 0, , .		21
12	Differentiable Tracking-Based Training of Deep Learning Sound Source Localizers. , 2021, , .		7
13	Acoustic Scene Classification Using Higher-Order Ambisonic Features. , 2019, , .		4
14	Assessment of support vector machines and convolutional neural networks to detect snoring using Emfit mattress. , 2017, 2017, 2883-2886.		1