

Sharath Adavanne

List of Publications by Year in descending order

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14
papers

789
citations

2682572

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2917675

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14
docs citations

14
times ranked

456
citing authors

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