

Anthony Griffin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

453
citations

1937685

4
h-index

2053705

5
g-index

24
all docs

24
docs citations

24
times ranked

436
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Real-Time Multiple Sound Source Localization and Counting Using a Circular Microphone Array. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2193-2206. | 3.2 | 195 |
| 2 | Localizing multiple audio sources in a wireless acoustic sensor network. Signal Processing, 2015, 107, 54-67. | 3.7 | 74 |
| 3 | Detecting and Counting Sheep with a Convolutional Neural Network. , 2018, , . | | 33 |
| 4 | Single-Channel and Multi-Channel Sinusoidal Audio Coding Using Compressed Sensing. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1382-1395. | 3.2 | 29 |
| 5 | Capturing and Reproducing Spatial Audio Based on a Circular Microphone Array. Journal of Electrical and Computer Engineering, 2013, 2013, 1-16. | 0.9 | 19 |
| 6 | Real-time multiple sound source localization using a circular microphone array based on single-source confidence measures. , 2012, , . | | 18 |
| 7 | Localizing multiple audio sources from DOA estimates in a wireless acoustic sensor network. , 2013, , . | | 14 |
| 8 | Source counting in real-time sound source localization using a circular microphone array. , 2012, , . | | 13 |
| 9 | Compressed sensing for OFDM UWB systems. , 2011, , . | | 11 |
| 10 | Compressed Sensing of EEG with Gabor Dictionary: Effect of Time and Frequency Resolution. , 2018, 2018, 3108-3111. | | 10 |
| 11 | Encoding the sinusoidal model of an audio signal using compressed sensing. , 2009, , . | | 6 |
| 12 | Improved face-to-face communication using noise reduction and speech intelligibility enhancement. , 2015, , . | | 5 |
| 13 | Nonlinear blind mixture identification using local source sparsity and functional data clustering. , 2012, , . | | 4 |
| 14 | Directional coding of audio using a circular microphone array. , 2013, , . | | 4 |
| 15 | Traffic intersection monitoring using fusion of GMM-based deep learning classification and geometric warping. , 2017, , . | | 4 |
| 16 | Effect of Epoch Length on Compressed Sensing of EEG. , 2018, 2018, 1-4. | | 4 |
| 17 | Quantitative Comparison of EEG Compressed Sensing using Gabor and K-SVD Dictionaries. , 2018, , . | | 4 |
| 18 | K-SVD Dictionary Learning Applied in Clinical EEG Compressed Sensing. , 2018, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Precision analysis of the imaging pipeline in the square kilometre array. , 2017, , . | | 1 |
| 20 | Multiple Source Location Estimation on a Dataset of Real Recordings in a Wireless Acoustic Sensor Network. , 2018, , . | | 1 |
| 21 | Tracking Livestock Using a Fully Connected Network and Kalman Filter. Communications in Computer and Information Science, 2021, , 247-261. | 0.5 | 1 |
| 22 | Effects of audio coding on ICA performance: An experimental study. , 2013, , . | | 0 |
| 23 | End-to-end Modelling of the Imaging Pipeline in Radio Astronomy. , 2018, , . | | 0 |
| 24 | Pasture Fence Line Detection in UAV Videos. , 2021, , . | | 0 |