Anthony Griffin

List of Publications by Year
in descending order

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	Tracking Livestock Using a Fully Connected Network and Kalman Filter. Communications in Computer and Information Science, 2021, , 247-261.	0.5	1
2	Pasture Fence Line Detection in UAV Videos. , 2021, , .		0
3	Effect of Epoch Length on Compressed Sensing of EEG. , 2018, 2018, 1-4.		4
4	Detecting and Counting Sheep with a Convolutional Neural Network. , 2018, , .		33
5	Quantitative Comparison of EEG Compressed Sensing using Gabor and K-SVD Dictionaries. , 2018, , .		4
6	Compressed Sensing of EEG with Gabor Dictionary: Effect of Time and Frequency Resolution. , 2018, 2018, 3108-3111.		10
7	End-to-end Modelling of the Imaging Pipeline in Radio Astronomy. , 2018, , .		0
8	K-SVD Dictionary Learning Applied in Clinical EEG Compressed Sensing. , 2018, , .		3
9	Multiple Source Location Estimation on a Dataset of Real Recordings in a Wireless Acoustic Sensor Network. , 2018, , .		1
10	Precision analysis of the imaging pipeline in the square kilometre array. , 2017, , .		1
11	Traffic intersection monitoring using fusion of GMM-based deep learning classification and geometric warping. , 2017, , .		4
12	Improved face-to-face communication using noise reduction and speech intelligibility enhancement. , 2015, , .		5
13	Localizing multiple audio sources in a wireless acoustic sensor network. Signal Processing, 2015, 107, 54-67.	3.7	74
14	Effects of audio coding on ICA performance: An experimental study. , 2013, , .		0
15	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
16	Capturing and Reproducing Spatial Audio Based on a Circular Microphone Array. Journal of Electrical and Computer Engineering, 2013, 2013, 1-16.	0.9	19
17	Directional coding of audio using a circular microphone array. , 2013, , .		4
18	Localizing multiple audio sources from DOA estimates in a wireless acoustic sensor network. , 2013, , .		14

#	Article	IF	Citations
19	Nonlinear blind mixture identification using local source sparsity and functional data clustering. , 2012, , .		4
20	Source counting in real-time sound source localization using a circular microphone array. , 2012, , .		13
21	Real-time multiple sound source localization using a circular microphone array based on single-source confidence measures. , 2012, , .		18
22	Compressed sensing for OFDM UWB systems. , 2011, , .		11
23	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
24	Encoding the sinusoidal model of an audio signal using compressed sensing. , 2009, , .		6