Kenji Nishida

List of Publications by Year
in descending order

23 papers	80 citations	1937685 4 h-index	1720034 7 g-index
23 all docs	23 docs citations	23 times ranked	24 citing authors

#	Article	IF	Citations
1	3D Convolution Recurrent Neural Networks for Multi-Label Earthquake Magnitude Classification. Applied Sciences (Switzerland), 2022, 12, 2195.	2.5	4
2	Visual Scene Reconstruction based on Echolocation with a Generative Adversarial Network. Journal of the Robotics Society of Japan, 2022, 40, 351-354.	0.1	0
3	Multi-channel Environmental Sound Segmentation utilizing Sound Source Localization and Separation U-Net. , 2021, , .		4
4	EMC: Earthquake Magnitudes Classification on Seismic Signals via Convolutional Recurrent Networks. , 2021, , .		4
5	Multichannel environmental sound segmentation. Applied Intelligence, 2021, 51, 8245-8259.	5.3	5
6	Detecting earthquakes: a novel deep learning-based approach for effective disaster response. Applied Intelligence, 2021, 51, 8305-8315.	5.3	5
7	Assessment of Sound Source Tracking Using Multiple Drones Equipped with Multiple Microphone Arrays. International Journal of Environmental Research and Public Health, 2021, 18, 9039.	2.6	1
8	Two-Dimensional Environment Recognition by Audible Sound with Weighted Likelihood Function and Standing Wave. Journal of the Robotics Society of Japan, 2021, 39, 271-274.	0.1	0
9	Sound Source Tracking Using Integrated Direction Likelihood for Drones with Microphone Arrays. , 2021, , .		1
10	Assessment of a Beamforming Implementation Developed for Surface Sound Source Separation. , 2021, , .		0
11	Simultaneous Calibration of Positions, Orientations, and Time Offsets, Among Multiple Microphone Arrays. , 2021, , .		2
12	Sound event aware environmental sound segmentation with Mask U-Net. Advanced Robotics, 2020, 34, 1280-1290.	1.8	9
13	Audio-Visual 3D Reconstruction Framework for Dynamic Scenes. , 2020, , .		1
14	Sound Source Localization Based on von-Mises-Bernoulli Deep Neural Network. , 2020, , .		3
15	Sound Source Tracking by Drones with Microphone Arrays. , 2020, , .		5
16	Design and Assessment of a Scan-and-sum Beamformer for Surface Sound Source Separation. , 2020, , .		1
17	Multi-channel Environmental sound segmentation. , 2020, , .		5
18	Calibration of a Microphone Array Based on a Probabilistic Model of Microphone Positions. Lecture Notes in Computer Science, 2020, , 614-625.	1.3	4

#	Article	IF	Citations
19	Detection of Ball Spin Direction using Hitting Sound in Tennis. , 2020, , .		0
20	Design and assessment of multiple-sound source localization using microphone arrays. , 2019, , .		1
21	2D sound source position estimation using microphone arrays and its application to a VR-based bird song analysis system. Advanced Robotics, 2019, 33, 403-414.	1.8	14
22	Environmental sound segmentation utilizing Mask U-Net. , 2019, , .		7
23	Improvement of DOA Estimation by using Quaternion Output in Sound Event Localization and Detection. , 0, , .		4