

# Kenji Nishida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9199008/publications.pdf>

Version: 2024-02-01

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	2D sound source position estimation using microphone arrays and its application to a VR-based bird song analysis system. <i>Advanced Robotics</i> , 2019, 33, 403-414.	1.8	14
2	Sound event aware environmental sound segmentation with Mask U-Net. <i>Advanced Robotics</i> , 2020, 34, 1280-1290.	1.8	9
3	Environmental sound segmentation utilizing Mask U-Net. , 2019, , .		7
4	Sound Source Tracking by Drones with Microphone Arrays. , 2020, , .		5
5	Multi-channel Environmental sound segmentation. , 2020, , .		5
6	Multichannel environmental sound segmentation. <i>Applied Intelligence</i> , 2021, 51, 8245-8259.	5.3	5
7	Detecting earthquakes: a novel deep learning-based approach for effective disaster response. <i>Applied Intelligence</i> , 2021, 51, 8305-8315.	5.3	5
8	Multi-channel Environmental Sound Segmentation utilizing Sound Source Localization and Separation U-Net. , 2021, , .		4
9	EMC: Earthquake Magnitudes Classification on Seismic Signals via Convolutional Recurrent Networks. , 2021, , .		4
10	Improvement of DOA Estimation by using Quaternion Output in Sound Event Localization and Detection. , 0, , .		4
11	Calibration of a Microphone Array Based on a Probabilistic Model of Microphone Positions. <i>Lecture Notes in Computer Science</i> , 2020, , 614-625.	1.3	4
12	3D Convolution Recurrent Neural Networks for Multi-Label Earthquake Magnitude Classification. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2195.	2.5	4
13	Sound Source Localization Based on von-Mises-Bernoulli Deep Neural Network. , 2020, , .		3
14	Simultaneous Calibration of Positions, Orientations, and Time Offsets, Among Multiple Microphone Arrays. , 2021, , .		2
15	Design and assessment of multiple-sound source localization using microphone arrays. , 2019, , .		1
16	Audio-Visual 3D Reconstruction Framework for Dynamic Scenes. , 2020, , .		1
17	Design and Assessment of a Scan-and-sum Beamformer for Surface Sound Source Separation. , 2020, , .		1
18	Assessment of Sound Source Tracking Using Multiple Drones Equipped with Multiple Microphone Arrays. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9039.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Sound Source Tracking Using Integrated Direction Likelihood for Drones with Microphone Arrays. , 2021, , .		1
20	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
21	Assessment of a Beamforming Implementation Developed for Surface Sound Source Separation. , 2021, , .		0
22	Detection of Ball Spin Direction using Hitting Sound in Tennis. , 2020, , .		0
23	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