

# Katsutoshi Itoyama

## List of Publications by Year in descending order

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#	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	Detecting earthquakes: a novel deep learning-based approach for effective disaster response. Applied Intelligence, 2021, 51, 8305-8315.	5.3	5
3	Sound event aware environmental sound segmentation with Mask U-Net. Advanced Robotics, 2020, 34, 1280-1290.	1.8	9
4	Bayesian Singing Transcription Based on a Hierarchical Generative Model of Keys, Musical Notes, and FO Trajectories. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1678-1691.	5.8	4
5	Calibration of a Microphone Array Based on a Probabilistic Model of Microphone Positions. Lecture Notes in Computer Science, 2020, , 614-625.	1.3	4
6	Unsupervised Speech Enhancement Based on Multichannel NMF-Informed Beamforming for Noise-Robust Automatic Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 960-971.	5.8	35
7	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
8	Bayesian Multichannel Audio Source Separation Based on Integrated Source and Spatial Models. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 831-846.	5.8	15