

Keisuke Imoto

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

293
citations

1684188
5
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1474206
9
g-index

28
all docs

28
docs citations

28
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	ToyADMOS: A Dataset of Miniature-Machine Operating Sounds for Anomalous Sound Detection. , 2019, , .		65
2	Introduction to acoustic event and scene analysis. Acoustical Science and Technology, 2018, 39, 182-188.	0.5	30
3	Spatial Cepstrum as a Spatial Feature Using a Distributed Microphone Array for Acoustic Scene Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1335-1343.	5.8	27
4	Acoustic Scene Analysis Based on Hierarchical Generative Model of Acoustic Event Sequence. IEICE Transactions on Information and Systems, 2016, E99.D, 2539-2549.	0.7	23
5	Sound Event Detection by Multitask Learning of Sound Events and Scenes with Soft Scene Labels. , 2020, , .		19
6	Acoustic scene analysis based on latent acoustic topic and event allocation. , 2013, , .		17
7	Acoustic Topic Model for Scene Analysis With Intermittently Missing Observations. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 367-382.	5.8	12
8	User activity estimation method based on probabilistic generative model of acoustic event sequence with user activity and its subordinate categories. , 0, , .		12
9	Joint Analysis of Acoustic Events and Scenes Based on Multitask Learning. , 2019, , .		11
10	Sound Event Detection Using Graph Laplacian Regularization Based on Event Co-occurrence. , 2019, , .		10
11	Joint Analysis of Sound Events and Acoustic Scenes Using Multitask Learning. IEICE Transactions on Information and Systems, 2021, E104.D, 294-301.	0.7	9
12	Acoustic scene analysis from acoustic event sequence with intermittent missing event. , 2015, , .		8
13	Joint Acoustic and Class Inference for Weakly Supervised Sound Event Detection. , 2019, , .		8
14	Spatial-feature-based acoustic scene analysis using distributed microphone array. , 2015, , .		7
15	Impact of Sound Duration and Inactive Frames on Sound Event Detection Performance. , 2021, , .		6
16	Acoustic scene classification based on generative model of acoustic spatial words for distributed microphone array. , 2017, , .		4
17	Graph Cepstrum: Spatial Feature Extracted from Partially Connected Microphones. IEICE Transactions on Information and Systems, 2020, E103.D, 631-638.	0.7	4
18	Audio Source Separation Based on Nonnegative Matrix Factorization with Graph Harmonic Structure. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Sound Event Detection Utilizing Graph Laplacian Regularization with Event Co-Occurrence. IEICE Transactions on Information and Systems, 2020, E103.D, 1971-1977.	0.7	3
20	Environmental Sound Extraction Using Onomatopoeic Words. , 2022, , .		3
21	Sound Event Detection Guided by Semantic Contexts of Scenes. , 2022, , .		3
22	Sound Event Detection Based on Curriculum Learning Considering Learning Difficulty of Events. , 2021, , .		2
23	Research Trends in Environmental Sound Analysis and Anomalous Sound Detection. Ieice Ess Fundamentals Review, 2022, 15, 268-280.	0.1	2
24	Impact of data imbalance caused by inactive frames and difference in sound duration on sound event detection performance. Applied Acoustics, 2022, 196, 108882.	3.3	2
25	Online acoustic scene analysis based on nonparametric Bayesian model. , 2016, , .		1
26	Acoustic scene classification using asynchronous multichannel observations with different lengths. , 2017, , .		1
27	Online sound structure analysis based on generative model of acoustic feature sequences. , 2017, , .		0
28	Acoustic Scene Analysis Using Partially Connected Microphones Based on Graph Cepstrum. , 2018, , .		0