

Christopher Schymura

List of Publications by Year in descending order

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papers

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13
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citing authors

#	ARTICLE	IF	CITATIONS
1	Improving audio-visual speech recognition using deep neural networks with dynamic stream reliability estimates. , 2017, , .		23
2	Joining Sound Event Detection and Localization Through Spatial Segregation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 487-502.	5.8	12
3	Noisy cGMM: Complex Gaussian Mixture Model with Non-Sparse Noise Model for Joint Source Separation and Denoising. , 2018, , .		8
4	Monte Carlo exploration for active binaural localization. , 2017, , .		6
5	Audiovisual Speaker Tracking Using Nonlinear Dynamical Systems With Dynamic Stream Weights. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1065-1078.	5.8	5
6	Extending Linear Dynamical Systems with Dynamic Stream Weights for Audiovisual Speaker Localization. , 2018, , .		4
7	A Dynamic Stream Weight Backprop Kalman Filter for Audiovisual Speaker Tracking. , 2020, , .		4
8	Potential-Field-Based Active Exploration for Acoustic Simultaneous Localization and Mapping. , 2018, , .		3
9	Exploiting Attention-based Sequence-to-Sequence Architectures for Sound Event Localization. , 2021, , .		3
10	Learning Dynamic Stream Weights for Linear Dynamical Systems Using Natural Evolution Strategies. , 2019, , .		2
11	Exploiting Structures of Temporal Causality for Robust Speaker Localization in Reverberant Environments. Lecture Notes in Computer Science, 2018, , 228-237.	1.3	1
12	Data Fusion for Audiovisual Speaker Localization: Extending Dynamic Stream Weights to the Spatial Domain. , 2021, , .		1
13	Loss Functions for Deep Monaural Speech Enhancement. , 2020, , .		0