

Christopher Schymura

List of Publications by Year in descending order

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13
papers

72
citations

2682572

2
h-index

2550090

3
g-index

13
all docs

13
docs citations

13
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting Attention-based Sequence-to-Sequence Architectures for Sound Event Localization. , 2021, , .		3
2	Data Fusion for Audiovisual Speaker Localization: Extending Dynamic Stream Weights to the Spatial Domain. , 2021, , .		1
3	Loss Functions for Deep Monaural Speech Enhancement. , 2020, , .		0
4	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
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	A Dynamic Stream Weight Backprop Kalman Filter for Audiovisual Speaker Tracking. , 2020, , .		4
7	Learning Dynamic Stream Weights for Linear Dynamical Systems Using Natural Evolution Strategies. , 2019, , .		2
8	Extending Linear Dynamical Systems with Dynamic Stream Weights for Audiovisual Speaker Localization. , 2018, , .		4
9	Noisy cGMM: Complex Gaussian Mixture Model with Non-Sparse Noise Model for Joint Source Separation and Denoising. , 2018, , .		8
10	Potential-Field-Based Active Exploration for Acoustic Simultaneous Localization and Mapping. , 2018, , .		3
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	Improving audio-visual speech recognition using deep neural networks with dynamic stream reliability estimates. , 2017, , .		23
13	Monte Carlo exploration for active binaural localization. , 2017, , .		6