Romain Serizel

List of Publications by Year
in descending order

11	382	1684188	1872680
papers	citations	5	6
		h-index	g-index

11	11	11	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-rank Approximation Based Multichannel Wiener Filter Algorithms for Noise Reduction with Application in Cochlear Implants. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 785-799.	5.8	102
2	CRNN-Based Multiple DoA Estimation Using Acoustic Intensity Features for Ambisonics Recordings. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 22-33.	10.8	86
3	Vocal tract length normalisation approaches to DNN-based children's and adults' speech recognition. , 2014, , .		50
4	Deep-neural network approaches for speech recognition with heterogeneous groups of speakers including children. Natural Language Engineering, 2017, 23, 325-350.	2.5	36
5	Rank-1 constrained Multichannel Wiener Filter for speech recognition in noisy environments. Computer Speech and Language, 2018, 49, 37-51.	4.3	24
6	Multichannel Speech Separation with Recurrent Neural Networks from High-Order Ambisonics Recordings. , 2018, , .		24
7	CRNN-based Joint Azimuth and Elevation Localization with the Ambisonics Intensity Vector. , 2018, , .		23
8	Regression Versus Classification for Neural Network Based Audio Source Localization. , 2019, , .		21
9	DNN-Based Mask Estimation for Distributed Speech Enhancement in Spatially Unconstrained Microphone Arrays. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2310-2323.	5.8	9
10	Multichannel Audio Modeling with Elliptically Stable Tensor Decomposition. Lecture Notes in Computer Science, 2018, , 13-23.	1.3	5
11	Multiview Approaches to Event Detection and Scene Analysis. , 2018, , 243-276.		2