Arun Narayanan

List of Publications by Year
in descending order

11 papers	1,454 citations	1307366 7 h-index	1719901 7 g-index
12 all docs	12 docs citations	12 times ranked	766 citing authors

#	ARTICLE	IF	CITATIONS
1	On Training Targets for Supervised Speech Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1849-1858.	4.0	758
2	Ideal ratio mask estimation using deep neural networks for robust speech recognition. , 2013, , .		351
3	Multichannel Signal Processing With Deep Neural Networks for Automatic Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 965-979.	4.0	156
4	Toward Domain-Invariant Speech Recognition via Large Scale Training. , 2018, , .		46
5	Improving robustness of deep neural network acoustic models via speech separation and joint adaptive training. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 23, 1-1.	4.0	40
6	A Direct Masking Approach to Robust ASR. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 1993-2005.	3.8	33
7	A CASA-Based System for Long-Term SNR Estimation. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 2518-2527.	3.8	26
8	The role of binary mask patterns in automatic speech recognition in background noise. Journal of the Acoustical Society of America, 2013, 133, 3083-3093.	0.5	21
9	Robust speech recognition from binary masks. Journal of the Acoustical Society of America, 2010, 128, EL217-EL222.	0.5	13
10	Coupling binary masking and robust ASR. , 2013, , .		6
11	Analysis-by-synthesis feature estimation for robust automatic speech recognition using spectral masks. , 2014, , .		2