Jort F Gemmeke

List of Publications by Year
in descending order

21 papers	560 citations	1684188 5 h-index	1588992 8 g-index
21 all docs	21 docs citations	21 times ranked	375 citing authors

#	Article	IF	Citations
1	Exemplar-Based Sparse Representations for Noise Robust Automatic Speech Recognition. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 2067-2080.	3.2	273
2	An exemplar-based NMF approach to audio event detection. , 2013, , .		62
3	Noise robust exemplar-based connected digit recognition. , 2010, , .		42
4	Non-negative matrix factorization for highly noise-robust ASR: To enhance or to recognize?. , 2012, , .		29
5	Coupled Dictionaries for Exemplar-Based Speech Enhancement and Automatic Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1788-1799.	5.8	29
6	Memory-Enhanced Neural Networks and NMF for Robust ASR. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1037-1046.	5.8	24
7	Modelling non-stationary noise with spectral factorisation in automatic speech recognition. Computer Speech and Language, 2013, 27, 763-779.	4.3	19
8	Active-set newton algorithm for non-negative sparse coding of audio. , 2014, , .		13
9	Estimating Uncertainty to Improve Exemplar-Based Feature Enhancement for Noise Robust Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 368-380.	5.8	10
10	Acquisition of ordinal words using weakly supervised NMF. , 2014, , .		9
11	Artificial and online acquired noise dictionaries for noise robust ASR. , 0, , .		9
12	Noise-robust digit recognition with exemplar-based sparse representations of variable length. , 2012, , .		8
13	Using a DBN to integrate sparse classification and GMM-based ASR. , 0, , .		8
14	Exemplar-based noise robust automatic speech recognition using modulation spectrogram features. , 2014, , .		7
15	An hierarchical exemplar-based sparse model of speech, with an application to ASR. , 2011, , .		4
16	Missing Data Solutions for Robust Speech Recognition. Theory and Applications of Natural Language Processing, 2013, , 289-304.	0.3	4
17	Fusion of parametric and non-parametric approaches to noise-robust ASR. Speech Communication, 2014, 56, 49-62.	2.8	3
18	Noise robust exemplar matching with alpha–beta divergence. Speech Communication, 2016, 76, 127-142.	2.8	3

#	ARTICLE	IF	CITATIONS
19	State-based labelling for a sparse representation of speech and its application to robust speech recognition. , 0, , .		3
20	Adaptive noise dictionary design for noise robust exemplar matching of speech. , 2015, , .		1
21	Feature enhancement of reverberant speech by distribution matching and non-negative matrix factorization. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.7	0