Hoirin Kim

List of Publications by Year
in descending order

23 papers	177 citations	1478505 6 h-index	1199594 12 g-index
23 all docs	23 docs citations	23 times ranked	141 citing authors

#	Article	IF	Citations
1	Regularized Speaker Adaptation of KL-HMM for Dysarthric Speech Recognition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1581-1591.	4.9	41
2	Probabilistic Class Histogram Equalization for Robust Speech Recognition. IEEE Signal Processing Letters, 2007, 14, 287-290.	3.6	35
3	Multiple Acoustic Model-Based Discriminative Likelihood Ratio Weighting for Voice Activity Detection. IEEE Signal Processing Letters, 2012, 19, 507-510.	3.6	25
4	Audio-Based Objectionable Content Detection Using Discriminative Transforms of Time-Frequency Dynamics. IEEE Transactions on Multimedia, 2012, 14, 1390-1400.	7.2	13
5	Noise-Robust Speaker Recognition Using Subband Likelihoods and Reliable-Feature Selection. ETRI Journal, 2008, 30, 89-100.	2.0	10
6	Class-Based Histogram Equalization for Robust Speech Recognition. ETRI Journal, 2006, 28, 502-505.	2.0	7
7	Automatic extraction of pornographic contents using radon transform based audio features. , 2011, , .		7
8	Reliable Speaker Identification Using Multiple Microphones in Ubiquitous Robot Companion Environment. , 2007, , .		5
9	Robust speaker recognition based on filtering in autocorrelation domain and sub-band feature recombination. Pattern Recognition Letters, 2010, 31, 593-599.	4.2	5
10	Probabilistic Class Histogram Equalization Based on Posterior Mean Estimation for Robust Speech Recognition. IEEE Signal Processing Letters, 2015, 22, 2421-2424.	3.6	5
11	Compensating Acoustic Mismatch Using Class-Based Histogram Equalization for Robust Speech Recognition. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.7	4
12	Environmental Model Adaptation Based on Histogram Equalization. IEEE Signal Processing Letters, 2009, 16, 264-267.	3.6	4
13	Automatic detection of malicious sound using segmental two-dimensional mel-frequency cepstral coefficients and histograms of oriented gradients. , 2010, , .		4
14	ROBUST detection of infant crying in adverse environments using weighted segmental two-dimensional linear frequency cepstral coefficients. , 2013, , .		4
15	Utterance Verification Using Search Confusion Rate and Its N-Best Approach. ETRI Journal, 2005, 27, 461-464.	2.0	2
16	Discriminative likelihood score weighting based on acoustic-phonetic classification for speaker identification. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	2
17	Cross-Informed Domain Adversarial Training for Noise-Robust Wake-Up Word Detection. IEEE Signal Processing Letters, 2020, 27, 1769-1773.	3.6	2
18	Minimum classification error-based weighted support vector machine kernels for speaker verification. Journal of the Acoustical Society of America, 2013, 133, EL307-EL313.	1.1	1

#	Article	IF	Citations
19	Interlayer Selective Attention Network for Robust Personalized Wake-Up Word Detection. IEEE Signal Processing Letters, 2020, 27, 126-130.	3.6	1
20	Impostor Detection in Speaker Recognition Using Confusion-Based Confidence Measures. ETRI Journal, 2006, 28, 811-814.	2.0	0
21	The effectiveness of histogram equalization on environmental model adaptation. , 2009, , .		0
22	Histogram Equalization to Model Adaptation for Robust Speech Recognition. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	0
23	Histogram equalization with Bayesian estimation for noise robust speech recognition. Journal of the Acoustical Society of America, 2018, 143, 677-685.	1.1	0