Liang He

List of Publications by Year
in descending order

29 papers	158 citations	1478505 6 h-index	1588992 8 g-index
29 all docs	29 docs citations	29 times ranked	108 citing authors

#	Article	IF	Citations
1	Convolutional maxout neural networks for speech separation. , 2015, , .		24
2	Time–Frequency Cepstral Features and Heteroscedastic Linear Discriminant Analysis for Language Recognition. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 266-276.	3.2	18
3	Semi-supervised minimum redundancy maximum relevance feature selection for audio classification. Multimedia Tools and Applications, 2018, 77, 713-739.	3.9	15
4	Local Pairwise Linear Discriminant Analysis for Speaker Verification. IEEE Signal Processing Letters, 2018, 25, 1575-1579.	3.6	14
5	Adaptive Multi-Scale Detection of Acoustic Events. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 294-306.	5.8	14
6	Multi-objective Optimization Training of PLDA for Speaker Verification. , 2019, , .		12
7	Comparison of multiple features and modeling methods for text-dependent speaker verification. , 2017, , .		10
8	Hierarchic Temporal Convolutional Network With Cross-Domain Encoder for Music Source Separation. IEEE Signal Processing Letters, 2022, 29, 1517-1521.	3.6	9
9	Unsupervised Anomalous Sound Detection for Machine Condition Monitoring Using Classification-Based Methods. Applied Sciences (Switzerland), 2021, 11, 11128.	2.5	8
10	Speaker verification using Fisher vector. , 2014, , .		7
11	Deep neural networks based speaker modeling at different levels of phonetic granularity. , 2017, , .		6
12	Fractional Fourier transform based auditory feature for language identification. , 2008, , .		5
13	Multi-feature combination for speaker recognition. , 2010, , .		3
14	Distance-Dependent Metric Learning. IEEE Signal Processing Letters, 2019, 26, 357-361.	3.6	3
15	Investigation of Frame Alignments for GMM-based Digit-prompted Speaker Verification. , 2018, , .		3
16	Auditory features with vocal track length normalization for language identification. , 2008, , .		1
17	Discriminant local information distance preserving projection for text-independent speaker recognition. , 2012, , .		1
18	I-matrix for text-independent speaker recognition. , 2013, , .		1

#	Article	IF	Citations
19	Improved multitaper PNCC feature for robust speaker verification. , 2014, , .		1
20	PRISM: A statistical modeling framework for text-independent speaker verification. , 2015, , .		1
21	Ivec-PLDA-AHC priors for VB-HMM speaker diarization system. , 2017, , .		1
22	A generalized network based on multi-scale densely connection and residual attention for sound source localization and detection. Journal of the Acoustical Society of America, 2022, 151, 1754-1768.	1.1	1
23	Channel compensation technology in differential GSV-SVM speaker verification system. , 2008, , .		0
24	Research on Intersession Variability Compensation for MLLR-SVM Speaker Recognition. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 1892-1897.	0.3	0
25	Log-Likelihood Kernels Based on Adapted GMMs for Speaker Verification. , 2012, , .		0
26	Stacked bottleneck features for speaker verification. , 2015, , .		0
27	A study of variational method for text-independent speaker recognition. , 2016, , .		0
28	Parallel Double Audio Fingerprinting. , 2018, , .		0
29	Geometric Discriminant Analysis for I-vector Based Speaker Verification. , 2019, , .		0