ZbynÄ›k ZajÃc

List of Publications by Year
in descending order

29	179	1684188
papers	citations	5
		h-index

1588992	8
	g-index

31	31	31	108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convolutional Neural Network for speaker change detection in telephone speaker diarization system. , 2017, , .		44
2	Fast Estimation of Gaussian Mixture Model Parameters on GPU Using CUDA. , 2011, , .		15
3	Speaker Diarization Using Convolutional Neural Network for Statistics Accumulation Refinement. , 0, , .		15
4	Detection of Overlapping Speech for the Purposes of Speaker Diarization. Lecture Notes in Computer Science, 2019, , 247-257.	1.3	13
5	Investigation of Segmentation in i-Vector Based Speaker Diarization of Telephone Speech. Lecture Notes in Computer Science, 2016, , 411-418.	1.3	13
6	Refinement Approach for Adaptation Based on Combination of MAP and fMLLR. Lecture Notes in Computer Science, 2009, , 274-281.	1.3	9
7	Initialization of fMLLR with Sufficient Statistics from Similar Speakers. Lecture Notes in Computer Science, 2011, , 187-194.	1.3	9
8	Speech and web-based technology to enhance education for pupils with visual impairment. Journal on Multimodal User Interfaces, 2020, 14, 219-230.	2.9	8
9	ZCU-NTIS Speaker Diarization System for the DIHARD 2018 Challenge. , 0, , .		7
10	Recurrent Neural Network Based Speaker Change Detection from Text Transcription Applied in Telephone Speaker Diarization System. Lecture Notes in Computer Science, 2018, , 342-350.	1.3	5
11	Fisher vectors in PLDA speaker verification system. , 2016, , .		4
12	An efficient implementation of Probabilistic Linear Discriminant Analysis. , 2013, , .		3
13	OCR Improvements for Images of Multi-page Historical Documents. Lecture Notes in Computer Science, 2021, , 226-237.	1.3	3
14	Diarization of the Language Consulting Center Telephone Calls. Lecture Notes in Computer Science, 2019, , 549-558.	1.3	3
15	Score Normalization Methods Applied to Topic Identification. Lecture Notes in Computer Science, 2014, , 133-140.	1.3	3
16	Experiments with Segmentation in an Online Speaker Diarization System. Lecture Notes in Computer Science, 2017, , 429-437.	1.3	3
17	First Insight into the Processing of the Language Consulting Center Data. Lecture Notes in Computer Science, 2018, , 778-787.	1.3	3
18	Robust Statistic Estimates for Adaptation in the Task of Speech Recognition. Lecture Notes in Computer Science, 2010, , 464-471.	1.3	3

#	Article	IF	Citations
19	Analysis of the Influence of Speech Corpora in the PLDA Verification in the Task of Speaker Recognition. Lecture Notes in Computer Science, 2012, , 464-471.	1.3	3
20	UWB-NTIS Speaker Diarization System for the DIHARD II 2019 Challenge. , 0, , .		3
21	Bottleneck ANN: Dealing with small amount of data in shift-MLLR adaptation. , 2012, , .		2
22	An Automated Pipeline for Robust Image Processing and Optical Character Recognition of Historical Documents. Lecture Notes in Computer Science, 2020, , 166-175.	1.3	2
23	On complementarity of state-of-the-art speaker recognition systems. , 2012, , .		1
24	Comparison of score normalization methods applied to multi-label classification. , 2014, , .		1
25	Applying EEND Diarization to Telephone Recordings from a Call Center. Lecture Notes in Computer Science, 2021, , 807-817.	1.3	1
26	Diarization Based on Identification with X-Vectors. Lecture Notes in Computer Science, 2020, , 667-678.	1.3	1
27	Robust Adaptation Techniques Dealing withÂSmallÂAmountÂofÂData. Lecture Notes in Computer Science, 2012, , 480-487.	1.3	1
28	Initialization of adaptation by sufficient statistics using phonetic tree. , 2012, , .		0
29	A Direct Criterion Minimization Based fMLLR viaÂGradient Descend. Lecture Notes in Computer Science, 2013, , 52-59.	1.3	0