

Berlin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

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27
docs citations

27
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Predicting Frontier Orbital Energies for Small Organic Molecules Using Knowledge-Based and Structural Information. ACS Engineering Au, 2022, 2, 360-368.	5.1	4
2	Cross-Domain Single-Channel Speech Enhancement Model with BI-Projection Fusion Module for Noise-Robust ASR. , 2021, , .		10
3	A Time-reversal Enhancement Network with Cross-domain Information for Noise-robust Speech Recognition. IEEE MultiMedia, 2021, , 1-1.	1.7	0
4	TENET: A Time-Reversal Enhancement Network for Noise-Robust ASR. , 2021, , .		11
5	Multi-Instrument Automatic Music Transcription With Self-Attention-Based Instance Segmentation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2796-2809.	5.8	25
6	Integrating LSA-based hierarchical conceptual space and machine learning methods for leveling the readability of domain-specific texts. Natural Language Engineering, 2019, 25, 331-361.	2.5	13
7	An Information Distillation Framework for Extractive Summarization. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 161-170.	5.8	26
8	Extractive Broadcast News Summarization Leveraging Recurrent Neural Network Language Modeling Techniques. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1322-1334.	5.8	33
9	Histogram equalization of contextual statistics of speech features for robust speech recognition. Multimedia Tools and Applications, 2015, 74, 6769-6795.	3.9	2
10	Leveraging topical and positional cues for language modeling in speech recognition. Multimedia Tools and Applications, 2014, 72, 1465-1481.	3.9	2
11	Leveraging distributional characteristics of modulation spectra for robust speech recognition. , 2012, , .		1
12	A Risk-Aware Modeling Framework for Speech Summarization. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 211-222.	3.2	12
13	Leveraging Kullback-Leibler Divergence Measures and Information-Rich Cues for Speech Summarization. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 871-882.	3.2	21
14	Improving the informativeness of verbose queries using summarization techniques for spoken document retrieval. , 2010, , .		1
15	Empirical error rate minimization based linear discriminant analysis. , 2009, , .		5
16	Latent topic modelling of word co-occurrence information for spoken document retrieval. , 2009, , .		20
17	A Probabilistic Generative Framework for Extractive Broadcast News Speech Summarization. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 95-106.	3.2	23
18	Exploring the Use of Speech Features and Their Corresponding Distribution Characteristics for Robust Speech Recognition. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 84-94.	3.2	13

#	ARTICLE	IF	CITATIONS
19	Generalized likelihood ratio discriminant analysis. , 2009, , .		3
20	Improved Linear Discriminant Analysis Considering Empirical Pairwise Classification Error Rates. , 2008, , .		1
21	Training data selection for improving discriminative training of acoustic models. , 2007, , .		6
22	Investigating Data Selection for Minimum Phone Error Training of Acoustic Models. , 2007, , .		7
23	Investigating the use of speech features and their corresponding distribution characteristics for robust speech recognition. , 2007, , .		0
24	Word Topical Mixture Models for Dynamic Language Model Adaptation. , 2007, , .		18
25	Word Topical Mixture Models for Extractive Spoken Document Summarization. , 2007, , .		5
26	Lightly supervised and data-driven approaches to Mandarin broadcast news transcription. , 0, , .		20
27	Dynamic Language Model Adaptation Using Latent Topical Information and Automatic Transcripts. , 0, , .		3