

Gaofeng Cheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Semi-Orthogonal Low-Rank Matrix Factorization for Deep Neural Networks. , 0, , .		238
2	An Exploration of Dropout with LSTMs. , 0, , .		57
3	Transformer-Based Online CTC/Attention End-To-End Speech Recognition Architecture. , 2020, , .		53
4	Online Hybrid CTC/Attention End-to-End Automatic Speech Recognition Architecture. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1452-1465.	5.8	36
5	ETEH: Unified Attention-Based End-to-End ASR and KWS Architecture. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1360-1373.	5.8	9
6	Using Highway Connections to Enable Deep Small-footprint LSTM-RNNs for Speech Recognition. Chinese Journal of Electronics, 2019, 28, 107-112.	1.5	8
7	Improving Non-Autoregressive End-to-End Speech Recognition with Pre-Trained Acoustic and Language Models. , 2022, , .		8
8	Pre-Training Transformer Decoder for End-to-End ASR Model with Unpaired Text Data. , 2021, , .		7
9	Automatic Speech Recognition System with Output-Gate Projected Gated Recurrent Unit. IEICE Transactions on Information and Systems, 2019, E102.D, 355-363.	0.7	6
10	Keyword Search Using Attention-Based End-to-End ASR and Frame-Synchronous Phoneme Alignments. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3202-3215.	5.8	6
11	Alleviating ASR Long-Tailed Problem by Decoupling the Learning of Representation and Classification. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 340-354.	5.8	6
12	Self-Supervised Pre-Training for Attention-Based Encoder-Decoder ASR Model. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1763-1774.	5.8	5
13	Improving CTC-Based Speech Recognition Via Knowledge Transferring from Pre-Trained Language Models. , 2022, , .		5
14	Utterance-level Permutation Invariant Training with Latency-controlled BLSTM for Single-channel Multi-talker Speech Separation. , 2019, , .		3
15	History Utterance Embedding Transformer LM for Speech Recognition. , 2021, , .		3
16	Far-Field Speech Recognition Based on Complex-Valued Neural Networks and Inter-Frame Similarity Difference Method. , 2021, , .		2
17	Low-latency transformer model for streaming automatic speech recognition. Electronics Letters, 2022, 58, 44-46.	1.0	1
18	An E2E-ASR-Based Iteratively-Trained Timestamp Estimator. IEEE Signal Processing Letters, 2022, 29, 1654-1658.	3.6	1

#	ARTICLE	IF	CITATIONS
19	Tackling long-tail data distribution problem of deep learning based underwater target recognition system. , 2021, , .		0
20	Toward Alleviating the Data Sparsity Problem of Deep Learning Based Underwater Target Classification. , 2021, , .		0