Gaofeng Cheng

List of Publications by Year
in descending order

20	454	1684188	1474206
		5	9
papers	citations	h-index	g-index

20	20	20	240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-latency transformer model for streaming automatic speech recognition. Electronics Letters, 2022, 58, 44-46.	1.0	1
2	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
3	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
4	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
5	Improving CTC-Based Speech Recognition Via Knowledge Transferring from Pre-Trained Language Models. , 2022, , .		5
6	Improving Non-Autoregressive End-to-End Speech Recognition with Pre-Trained Acoustic and Language Models. , 2022, , .		8
7	An E2E-ASR-Based Iteratively-Trained Timestamp Estimator. IEEE Signal Processing Letters, 2022, 29, 1654-1658.	3.6	1
8	Pre-Training Transformer Decoder for End-to-End ASR Model with Unpaired Text Data. , 2021, , .		7
9	History Utterance Embedding Transformer LM for Speech Recognition. , 2021, , .		3
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	Tackling long-tail data distribution problem of deep learning based underwater target recognition system. , 2021, , .		0
12	Toward Alleviating the Data Sparsity Problem of Deep Learning Based Underwater Target Classification. , 2021, , .		0
13	Far-Field Speech Recognition Based on Complex-Valued Neural Networks and Inter-Frame Similarity Difference Method. , 2021, , .		2
14	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
15	Transformer-Based Online CTC/Attention End-To-End Speech Recognition Architecture. , 2020, , .		53
16	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
17	Utterance-level Permutation Invariant Training with Latency-controlled BLSTM for Single-channel Multi-talker Speech Separation. , 2019, , .		3
18	Using Highway Connections to Enable Deep Small-footprint LSTM-RNNs for Speech Recognition. Chinese Journal of Electronics, 2019, 28, 107-112.	1.5	8

#	Article	IF	Citations
19	An Exploration of Dropout with LSTMs. , 0, , .		57
20	Semi-Orthogonal Low-Rank Matrix Factorization for Deep Neural Networks. , 0, , .		238