

Xunying Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/825407/publications.pdf>

Version: 2024-02-01

45
papers

731
citations

1163117

8
h-index

1058476

14
g-index

45
all docs

45
docs citations

45
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Architecture Search for LF-MMI Trained Time Delay Neural Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1093-1107.	5.8	5
2	Audio-Visual Multi-Channel Speech Separation, Dereverberation and Recognition. , 2022, , .		3
3	Mixed Precision DNN Quantization for Overlapped Speech Separation and Recognition. , 2022, , .		1
4	Exploiting Cross Domain Acoustic-to-Articulatory Inverted Features for Disordered Speech Recognition. , 2022, , .		5
5	Any-to-Many Voice Conversion With Location-Relative Sequence-to-Sequence Modeling. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1717-1728.	5.8	24
6	Audio-Visual Multi-Channel Integration and Recognition of Overlapped Speech. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2067-2082.	5.8	14
7	Bayesian Learning for Deep Neural Network Adaptation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2096-2110.	5.8	9
8	Exemplar-Based Emotive Speech Synthesis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 874-886.	5.8	8
9	Mixed Precision Quantization of Transformer Language Models for Speech Recognition. , 2021, , .		4
10	Bayesian Learning of LF-MMI Trained Time Delay Neural Networks for Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1514-1529.	5.8	7
11	Recent Progress in the CUHK Dysarthric Speech Recognition System. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2267-2281.	5.8	25
12	Speech Emotion Recognition Using Sequential Capsule Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3280-3291.	5.8	14
13	Mixed Precision Low-Bit Quantization of Neural Network Language Models for Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3679-3693.	5.8	3
14	Cross-Domain Deep Visual Feature Generation for Mandarin Audio-Visual Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 185-197.	5.8	16
15	DSNAS: Direct Neural Architecture Search Without Parameter Retraining. , 2020, , .		51
16	End-To-End Voice Conversion Via Cross-Modal Knowledge Distillation for Dysarthric Speech Reconstruction. , 2020, , .		13
17	Low-bit Quantization of Recurrent Neural Network Language Models Using Alternating Direction Methods of Multipliers. , 2020, , .		4
18	Adversarial Attacks on GMM I-Vector Based Speaker Verification Systems. , 2020, , .		41

#	ARTICLE	IF	CITATIONS
19	Audio-Visual Recognition of Overlapped Speech for the LRS2 Dataset. , 2020, , .		40
20	End-To-End Accent Conversion Without Using Native Utterances. , 2020, , .		14
21	Code-Switched Speech Synthesis Using Bilingual Phonetic Posteriorgram with Only Monolingual Corpora. , 2020, , .		11
22	Exploiting Future Word Contexts in Neural Network Language Models for Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1444-1454.	5.8	17
23	Speech Emotion Recognition Using Capsule Networks. , 2019, , .		70
24	CNN-RNN-CTC Based End-to-end Mispronunciation Detection and Diagnosis. , 2019, , .		38
25	Bayesian and Gaussian Process Neural Networks for Large Vocabulary Continuous Speech Recognition. , 2019, , .		9
26	BLHUC: Bayesian Learning of Hidden Unit Contributions for Deep Neural Network Speaker Adaptation. , 2019, , .		16
27	Unsupervised Discovery of an Extended Phoneme Set in L2 English Speech for Mispronunciation Detection and Diagnosis. , 2018, , .		7
28	Feature Based Adaptation for Speaking Style Synthesis. , 2018, , .		6
29	Limited-Memory BFGS Optimization of Recurrent Neural Network Language Models for Speech Recognition. , 2018, , .		10
30	Multi-task learning of structured output layer bidirectional LSTMS for speech synthesis. , 2017, , .		7
31	Relating dynamic brain states to dynamic machine states: Human and machine solutions to the speech recognition problem. PLoS Computational Biology, 2017, 13, e1005617.	3.2	7
32	Efficient Training and Evaluation of Recurrent Neural Network Language Models for Automatic Speech Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 2146-2157.	5.8	45
33	Two Efficient Lattice Rescoring Methods Using Recurrent Neural Network Language Models. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1438-1449.	5.8	34
34	Development of the CUHK Dysarthric Speech Recognition System for the UA Speech Corpus. , 0, , .		30
35	On the Use of Pitch Features for Disordered Speech Recognition. , 0, , .		8
36	The HCCL-CUHK System for the Voice Conversion Challenge 2018. , 0, , .		3

#	ARTICLE	IF	CITATIONS
37	Voice Conversion Across Arbitrary Speakers Based on a Single Target-Speaker Utterance. , 0, , .		28
38	Extract, Adapt and Recognize: An End-to-End Neural Network for Corrupted Monaural Speech Recognition. , 0, , .		2
39	Jointly Trained Conversion Model and WaveNet Vocoder for Non-Parallel Voice Conversion Using Mel-Spectrograms and Phonetic Posteriorgrams. , 0, , .		9
40	Exploiting Visual Features Using Bayesian Gated Neural Networks for Disordered Speech Recognition. , 0, , .		11
41	LF-MMI Training of Bayesian and Gaussian Process Time Delay Neural Networks for Speech Recognition. , 0, , .		6
42	Transferring Source Style in Non-Parallel Voice Conversion. , 0, , .		13
43	Investigation of Data Augmentation Techniques for Disordered Speech Recognition. , 0, , .		19
44	Audio-Visual Multi-Channel Recognition of Overlapped Speech. , 0, , .		13
45	Exploiting Cross-Domain Visual Feature Generation for Disordered Speech Recognition. , 0, , .		11