Yi-Chiao Wu

List of Publications by Year
in descending order

22 papers	428 citations	2258059 3 h-index	1872680 6 g-index
22 all docs	22 docs citations	22 times ranked	197 citing authors

#	Article	IF	Citations
1	Voice conversion from non-parallel corpora using variational auto-encoder. , 2016, , .		145
2	Voice Conversion from Unaligned Corpora Using Variational Autoencoding Wasserstein Generative Adversarial Networks. , 0, , .		125
3	Pretraining Techniques for Sequence-to-Sequence Voice Conversion. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 745-755.	5.8	27
4	Locally Linear Embedding for Exemplar-Based Spectral Conversion. , 0, , .		20
5	Quasi-Periodic Parallel WaveGAN: A Non-Autoregressive Raw Waveform Generative Model With Pitch-Dependent Dilated Convolution Neural Network. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 792-806.	5.8	16
6	Any-to-One Sequence-to-Sequence Voice Conversion Using Self-Supervised Discrete Speech Representations. , 2021, , .		13
7	Voice Conversion with Cyclic Recurrent Neural Network and Fine-tuned Wavenet Vocoder. , 2019, , .		10
8	Quasi-Periodic WaveNet: An Autoregressive Raw Waveform Generative Model With Pitch-Dependent Dilated Convolution Neural Network. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1134-1148.	5.8	10
9	Collapsed Speech Segment Detection and Suppression for WaveNet Vocoder. , 0, , .		10
10	Refined WaveNet Vocoder for Variational Autoencoder Based Voice Conversion. , 2019, , .		9
11	Quasi-Periodic WaveNet Vocoder: A Pitch Dependent Dilated Convolution Model for Parametric Speech Generation. , 0, , .		9
12	Crank: An Open-Source Software for Nonparallel Voice Conversion Based on Vector-Quantized Variational Autoencoder. , 2021, , .		7
13	An Evaluation of Deep Spectral Mappings and WaveNet Vocoder for Voice Conversion. , 2018, , .		6
14	Voice Conversion With CycleRNN-Based Spectral Mapping and Finely Tuned WaveNet Vocoder. IEEE Access, 2019, 7, 171114-171125.	4.2	5
15	Efficient Shallow Wavenet Vocoder Using Multiple Samples Output Based on Laplacian Distribution and Linear Prediction. , 2020, , .		4
16	Dictionary update for NMF-based voice conversion using an encoder-decoder network. , 2016, , .		3
17	Non-Parallel Voice Conversion System With WaveNet Vocoder and Collapsed Speech Suppression. IEEE Access, 2020, 8, 62094-62106.	4.2	2
18	A Post-Filtering Approach Based on Locally Linear Embedding Difference Compensation for Speech Enhancement. , 0, , .		2

#	Article	IF	Citations
19	Statistical Voice Conversion with Quasi-periodic WaveNet Vocoder. , 0, , .		2
20	An evaluation of voice conversion with neural network spectral mapping models and WaveNet vocoder. APSIPA Transactions on Signal and Information Processing, 2020, 9, .	3.3	2
21	A locally linear embbeding based postfiltering approach for speech enhancement. , 2017, , .		1
22	Fast locally linear embedding algorithm for exemplar-based voice conversion. , 2017, , .		0