Zhizheng Wu

List of Publications by Year
in descending order

22 papers	1,274 citations	840776 11 h-index	1281871 11 g-index
22 all docs	22 docs citations	22 times ranked	638 citing authors

#	Article	IF	Citations
1	Spoofing and countermeasures for speaker verification: A survey. Speech Communication, 2015, 66, 130-153.	2.8	405
2	A study on replay attack and anti-spoofing for text-dependent speaker verification. , 2014, , .		99
3	Detecting converted speech and natural speech for anti-spoofing attack in speaker recognition. , 0, , .		86
4	Synthetic speech detection using temporal modulation feature. , 2013, , .		77
5	Mixture of Factor Analyzers Using Priors From Non-Parallel Speech for Voice Conversion. IEEE Signal Processing Letters, 2012, 19, 914-917.	3.6	71
6	Anti-Spoofing for Text-Independent Speaker Verification: An Initial Database, Comparison of Countermeasures, and Human Performance. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 768-783.	5.8	62
7	Joint Speaker Verification and Antispoofing in the <inline-formula> <tex-math notation="LaTeX">i </tex-math></inline-formula>-Vector Space. IEEE Transactions on Information Forensics and Security, 2015, 10, 821-832.	6.9	59
8	Conditional restricted Boltzmann machine for voice conversion. , 2013, , .		51
9	SAS: A speaker verification spoofing database containing diverse attacks. , 2015, , .		47
10	Voice conversion and spoofing attack on speaker verification systems. , 2013, , .		41
11	Voice conversion versus speaker verification: an overview. APSIPA Transactions on Signal and Information Processing, 2014, 3, .	3.3	31
12	Synthetic speech detection using phase information. Speech Communication, 2016, 81, 30-41.	2.8	31
13	On the study of replay and voice conversion attacks to text-dependent speaker verification. Multimedia Tools and Applications, 2016, 75, 5311-5327.	3.9	30
14	Speaker Recognition Anti-spoofing. Advances in Computer Vision and Pattern Recognition, 2014, , 125-146.	1.3	29
15	Spoofing detection from a feature representation perspective. , 2016, , .		28
16	Improved Prosody Generation by Maximizing Joint Probability of State and Longer Units. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1702-1710.	3.2	26
17	A study of speaker adaptation for DNN-based speech synthesis. , 0, , .		26
18	Deep Feature Engineering for Noise Robust Spoofing Detection. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1942-1955.	5.8	25

#	Article	IF	Citations
19	Exemplar-based voice conversion using joint nonnegative matrix factorization. Multimedia Tools and Applications, 2015, 74, 9943-9958.	3.9	20
20	Vulnerability evaluation of speaker verification under voice conversion spoofing: the effect of text constraints. , 0, , .		15
21	Introducing i-vectors for joint anti-spoofing and speaker verification. , 0, , .		13
22	Local partial least square regression for spectral mapping in voice conversion. , 2013, , .		2