Tianshu Qu

List of Publications by Year
in descending order

19 papers	126 citations	1937685 4 h-index	1720034 7 g-index
19 all docs	19 docs citations	19 times ranked	112 citing authors

#	Article	IF	Citations
1	Distance-Dependent Head-Related Transfer Functions Measured With High Spatial Resolution Using a Spark Gap. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 1124-1132.	3.2	63
2	Modeling of Individual HRTFs Based on Spatial Principal Component Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 785-797.	5.8	18
3	Similar Impacts of the Interaural Delay and Interaural Correlation on Binaural Gap Detection. PLoS ONE, 2015, 10, e0126342.	2.5	11
4	Aging Effects on Detection of Spectral Changes Induced by a Break in Sound Correlation. Ear and Hearing, 2013, 34, 280-287.	2.1	6
5	A Modified Frequency Weighted MUSIC Algorithm for Multiple Sound Sources Localization. , 2018, , .		5
6	Improvements to the Matching Projection Decoding Method for Ambisonic System with Irregular Loudspeaker Layouts. , 2019, , .		4
7	Distance dependent head-related transfer function database of KEMAR. , 2008, , .		3
8	Matching Projection Decoding Method for Ambisonics System. , 2018, , .		3
9	Sparse DNN Model for Frequency Expanding of Higher Order Ambisonics Encoding Process. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1124-1135.	5.8	3
10	Voice-associated static face image releases speech from informational masking. PsyCh Journal, 2014, 3, 113-120.	1.1	2
11	Distance-dependent Modeling of Head-related Transfer Functions. , 2019, , .		2
12	Individual Distance-Dependent HRTFS Modeling Through A Few Anthropometric Measurements. , 2020, , .		2
13	Audio lossless coding/decoding method using basis pursuit algorithm. , 2013, , .		1
14	An environment adaptive loudspeaker calibration method for Ambisonics decoding system. , 2016, , .		1
15	Beamforming and Deep Models Integrated Multi-talker Speech Separation. , 2019, , .		1
16	Sensitivity to a Break in Interaural Correlation in Frequency-Gliding Noises. Frontiers in Psychology, 2021, 12, 692785.	2.1	1
17	An accurate decorrelation method for parametric stereo coding. , 2016, , .		0
18	Partially Matching Projection Decoding Method Evaluation Under Different Playback Conditions. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1411-1423.	5.8	0

#	Article	IF	Citations
19	Early Reflections Based Speech Enhancement. , 2021, , .		0