

Ke'an Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

147
citations

1163117

8
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Compressive sensing based spherical harmonics decomposition of a low frequency sound field within a cylindrical cavity. Journal of the Acoustical Society of America, 2017, 141, 1812-1823.	1.1	20
2	Acoustic source localization in strong reverberant environment by parametric Bayesian dictionary learning. Signal Processing, 2018, 143, 232-240.	3.7	16
3	Active Control of Low-Frequency Sound Radiation From Vibrating Panel Using Planar Sound Sources. Journal of Vibration and Acoustics, Transactions of the ASME, 2002, 124, 2-9.	1.6	15
4	Translations of spherical harmonics expansion coefficients for a sound field using plane wave expansions. Journal of the Acoustical Society of America, 2018, 143, 3474-3478.	1.1	15
5	Sound field reconstruction within an entire cavity by plane wave expansions using a spherical microphone array. Journal of the Acoustical Society of America, 2017, 142, 1858-1870.	1.1	11
6	Sparse plane wave decomposition of a low frequency sound field within a cylindrical cavity using spherical microphone arrays. Journal of Sound and Vibration, 2018, 431, 150-162.	3.9	11
7	A perceptual dissimilarities based nonlinear sound quality model for range hood noise. Journal of the Acoustical Society of America, 2018, 144, 2300-2311.	1.1	10
8	Mechanisms of active control of noise transmission through triple-panel system using single control force on the middle plate. Applied Acoustics, 2014, 85, 111-122.	3.3	9
9	Low-Frequency and Large-Scale Hybrid Sound Absorption Using Active Force Control. Acoustics Australia, 2021, 49, 93-103.	2.4	8
10	Sound Source Separation Mechanisms of Different Deep Networks Explained from the Perspective of Auditory Perception. Applied Sciences (Switzerland), 2022, 12, 832.	2.5	6
11	Performance and strategy comparisons of human listeners and logistic regression in discriminating underwater targets. Journal of the Acoustical Society of America, 2015, 138, 3138-3147.	1.1	4
12	A time-frequency perceptual feature for classification of marine mammal sounds. , 2008, , .		3
13	Low frequency sound spatial encoding within an enclosure using spherical microphone arrays. Journal of the Acoustical Society of America, 2016, 140, 384-392.	1.1	3
14	Active control of sound radiation from rib stiffened plate using the weighted sum of spatial gradients as the cost function. Applied Acoustics, 2020, 157, 106991.	3.3	3
15	Auditory Filterbanks Benefit Universal Sound Source Separation. , 2021, , .		3
16	A Subband Adaptive Filtering for Distributed Active Noise Control Systems. IEEE Transactions on Electrical and Electronic Engineering, 2021, 16, 436-444.	1.4	3
17	Auditory-like simultaneous separation mechanisms spontaneously learned by a deep source separation network. Applied Acoustics, 2022, 188, 108591.	3.3	2
18	Analysis on reliability of acoustic features for material recognition of damped impacted plates. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	A near-field vector sensing strategy for three-dimensional large-scale hybrid sound absorption. Applied Physics Express, 2021, 14, 027001.	2.4	1
20	ConvTasNet-based anomalous noise separation for intelligent noise monitoring. INTER-NOISE and NOISE-CON Congress and Conference Proceedings, 2021, 263, 2044-2051.	0.1	1
21	Wave-Domain Optimization of Secondary Source Placement Free From Information of Error Sensor Positions. , 2021, , .		0
22	Optimization of secondary source configuration in enclosure using plane wave decomposition. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2021, 39, 794-800.	0.5	0
23	Sparse Plane Wave Approximation of Acoustic Modes to Address Basis Mismatch. Applied Sciences (Switzerland), 2022, 12, 837.	2.5	0
24	Gestalt Principles Emerge When Learning Universal Sound Source Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1877-1891.	5.8	0