

# Zhongming Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

210  
citations

1307594

7  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional grid-free compressive beamforming. Journal of the Acoustical Society of America, 2017, 142, 618-629.	1.1	48
2	Spacing Policies for Adaptive Cruise Control: A Survey. IEEE Access, 2020, 8, 50149-50162.	4.2	44
3	Functional delay and sum beamforming for three-dimensional acoustic source identification with solid spherical arrays. Journal of Sound and Vibration, 2016, 373, 340-359.	3.9	27
4	Resolution enhancement of two-dimensional grid-free compressive beamforming. Journal of the Acoustical Society of America, 2018, 143, 3860-3872.	1.1	19
5	Structural multi-objective topology optimization and application based on the criteria importance through intercriteria correlation method. Engineering Optimization, 2022, 54, 830-846.	2.6	17
6	Improved State of Charge Estimation for High Power Lithium Ion Batteries Considering Current Dependence of Internal Resistance. Energies, 2017, 10, 1486.	3.1	12
7	A refined wideband acoustical holography based on equivalent source method. Scientific Reports, 2017, 7, 43458.	3.3	9
8	Computational investigation and passive control of vehicle sunroof buffeting. JVC/Journal of Vibration and Control, 2020, 26, 747-756.	2.6	8
9	A Ratio Model of L1/L2 Norm for Sound Source Identification. Sensors, 2020, 20, 5290.	3.8	5
10	Application of Inverse Patch Transfer Functions Method With Wideband Holography Algorithm to Sparsely Distributed Sources Identification. Journal of Vibration and Acoustics, Transactions of the ASME, 2018, 140, .	1.6	4
11	Denosing Weighting Beamforming Method Applied to Sound Source Localization With Airflow Using Microphone Array. Journal of Vibration and Acoustics, Transactions of the ASME, 2018, 140, .	1.6	4
12	A Sound Source Identification Algorithm Based on Bayesian Compressive Sensing and Equivalent Source Method. Sensors, 2020, 20, 865.	3.8	4
13	A Fast Iterative Shrinkage/Thresholding Algorithm via Laplace Norm for Sound Source Identification. IEEE Access, 2020, 8, 115335-115344.	4.2	3
14	Load identification with regularized total least-squares method. JVC/Journal of Vibration and Control, 2022, 28, 3058-3069.	2.6	2
15	Robust Acoustic Imaging Based on Bregman Iteration and Fast Iterative Shrinkage-Thresholding Algorithm. Sensors, 2020, 20, 7298.	3.8	1
16	Inverse Patch Transfer Function With Fast Iterative Shrinkage-Thresholding Algorithm as a Tool for Sparse Source Identification. IEEE Access, 2020, 8, 13915-13923.	4.2	1
17	Numerical Optimization of the Defrosting Performance of the Vehicle Based on Discrete Adjoint Approach. International Journal of Automotive Technology, 2021, 22, 109-118.	1.4	1
18	A block bayesian compressive sensing method based on the equivalent source method for near-field acoustic holography. JVC/Journal of Vibration and Control, 2023, 29, 1016-1030.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Three-dimensional application of improved equivalent source method for noise source identification. Electronics Letters, 2016, 52, 1501-1503.	1.0	0
20	Correction to "A Fast Iterative Shrinkage/Thresholding Algorithm via Laplace Norm for Sound Source Identification". IEEE Access, 2020, 8, 130353-130353.	4.2	0
21	Topology optimization of damping material layout in coupled vibro-acoustic system using hybrid finite element-wave-based method. Structural and Multidisciplinary Optimization, 2021, 64, 3819-3834.	3.5	0
22	Two-stage surrogate-based optimization of a vehicle composite subframe with modified fast flexible space-filling designs. Mechanics of Advanced Materials and Structures, 0, , 1-14.	2.6	0