

Zhifei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

267
citations

1478505

6
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940533

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27
all docs

27
docs citations

27
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	A chaotic pendulum triboelectric-electromagnetic hybridized nanogenerator for wave energy scavenging and self-powered wireless sensing system. <i>Nano Energy</i> , 2020, 69, 104440.	16.0	152
2	Structural multi-objective topology optimization and application based on the criteria importance through intercriteria correlation method. <i>Engineering Optimization</i> , 2022, 54, 830-846.	2.6	17
3	Modeling of human model for static pressure distribution prediction. <i>International Journal of Industrial Ergonomics</i> , 2015, 50, 186-195.	2.6	15
4	Iterative regularization method in generalized inverse beamforming. <i>Journal of Sound and Vibration</i> , 2017, 396, 108-121.	3.9	15
5	A new invertible model of magnetorheological damper based on sigmoid function. <i>Smart Materials and Structures</i> , 2020, 29, 115026.	3.5	10
6	Computational investigation and passive control of vehicle sunroof buffeting. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 747-756.	2.6	8
7	Research on Multi-objective Topology Optimization of Vehicle Suspension Control Arm. <i>Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering</i> , 2017, 53, 114.	0.5	8
8	Functional Generalized Inverse Beamforming Based on the Double-Layer Microphone Array Applied to Separate the Sound Sources. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2016, 138, .	1.6	5
9	A Ratio Model of L1/L2 Norm for Sound Source Identification. <i>Sensors</i> , 2020, 20, 5290.	3.8	5
10	Finite element modeling and parameter identification of the seated human body exposed to vertical vibration. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1789-1803.	2.8	5
11	Application of Inverse Patch Transfer Functions Method With Wideband Holography Algorithm to Sparsely Distributed Sources Identification. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2018, 140, .	1.6	4
12	Denoising Weighting Beamforming Method Applied to Sound Source Localization With Airflow Using Microphone Array. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2018, 140, .	1.6	4
13	A reduced passive constrained layer damping finite element model based on the modified improved reduced system method. <i>Journal of Sandwich Structures and Materials</i> , 2019, 21, 758-783.	3.5	4
14	Operational transfer path analysis with regularized total least-squares method. <i>Journal of Sound and Vibration</i> , 2022, 535, 117130.	3.9	4
15	Predictive modeling for overall thermal sensation of vehicle occupants based on local thermal sensation when warming up. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2020, 234, 2127-2134.	1.9	3
16	Load identification with regularized total least-squares method. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 3058-3069.	2.6	2
17	Realization of desired damping characteristics based on an open-loop-controlled magnetorheological damper. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 3652-3663.	2.6	2
18	Robust Acoustic Imaging Based on Bregman Iteration and Fast Iterative Shrinkage-Thresholding Algorithm. <i>Sensors</i> , 2020, 20, 7298.	3.8	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Three-dimensional application of improved equivalent source method for noise source identification. Electronics Letters, 2016, 52, 1501-1503.	1.0	0
23	Correction to "A Fast Iterative Shrinkage/Thresholding Algorithm via Laplace Norm for Sound Source Identification". IEEE Access, 2020, 8, 130353-130353.	4.2	0
24	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
25	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