

# Beibei Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

230  
citations

1307594

7  
h-index

1058476

14  
g-index

18  
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18  
docs citations

18  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal strain-deflection analyses of a wedge edged beam for enhanced vibration energy scavenging in patch-like harvester. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 2435-2457.	4.7	1
2	Nonlinear dynamic analysis of a reciprocative magnetic coupling on performance of piezoelectric energy harvester interfaced with DC circuit. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5488-5500.	2.6	3
3	A method of parameter estimation for cardiovascular hemodynamics based on deep learning and its application to personalize a reduced-order model. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2022, 38, e3533.	2.1	9
4	Multireceptive Field Denoising Residual Convolutional Networks for Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 11686-11696.	7.9	34
5	Hierarchical Multiscale Dense Networks for Intelligent Fault Diagnosis of Electromechanical Systems. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-12.	4.7	10
6	Dually attentive multiscale networks for health state recognition of rotating machinery. <i>Reliability Engineering and System Safety</i> , 2022, 225, 108626.	8.9	16
7	Global contextual residual convolutional neural networks for motor fault diagnosis under variable-speed conditions. <i>Reliability Engineering and System Safety</i> , 2022, 225, 108618.	8.9	42
8	Attention-based multiscale denoising residual convolutional neural networks for fault diagnosis of rotating machinery. <i>Reliability Engineering and System Safety</i> , 2022, 226, 108714.	8.9	33
9	Research of flow dynamics and occlusion condition in roller pump systems used for ventricular assist. <i>Artificial Organs</i> , 2021, 45, E1-E13.	1.9	6
10	A novel multi-scale fusion framework for detail-preserving low-light image enhancement. <i>Information Sciences</i> , 2021, 548, 378-397.	6.9	55
11	Numerical and experimental study of a gauge-shaped beam for improved performance of piezoelectric energy harvester. <i>Microsystem Technologies</i> , 2021, 27, 4253-4268.	2.0	2
12	Fracture Analysis of Stress Corrosion Cracking in Heat Exchanger Tubes. , 2021, , .		0
13	Failure analysis on 304 stainless steel tube of semi water gas preheater in coal chemical plant. <i>Engineering Failure Analysis</i> , 2021, 125, 105443.	4.0	6
14	Performance Analysis of Width and Thickness Tapered Geometries on Electrical Power Harvested from a Unimorph Piezoelectric Cantilever Beam. , 2020, , .		4
15	Analysis of the Vibration Characteristics of a Boring Bar with a Variable Stiffness Dynamic Vibration Absorber. <i>Shock and Vibration</i> , 2019, 2019, 1-13.	0.6	7
16	Optimization of New Negative Poisson's Ratio Honeycomb Sandwich Reflector Structure. , 2019, , .		0
17	Modelling and Analysis of Global Vibroacoustic Coupling Characteristics of a Rectangular Enclosure Bounded by a Flexible Panel. <i>Shock and Vibration</i> , 2018, 2018, 1-12.	0.6	2