

# Ronghui Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

162  
citations

1478280

6  
h-index

1199470

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-exciter stationary non-Gaussian random vibration test with time domain randomization. <i>Mechanical Systems and Signal Processing</i> , 2019, 122, 103-116.	4.4	30
2	Generation of sine on random vibrations for multi-axial fatigue tests. <i>Mechanical Systems and Signal Processing</i> , 2019, 126, 649-661.	4.4	28
3	Multiple-input multiple-output non-stationary non-Gaussian random vibration control by inverse system method. <i>Mechanical Systems and Signal Processing</i> , 2019, 124, 124-141.	4.4	17
4	Control method for multi-input multi-output non-Gaussian random vibration test with cross spectra consideration. <i>Chinese Journal of Aeronautics</i> , 2017, 30, 1895-1906.	2.8	15
5	A damage gradient model for fatigue life prediction of notched metallic structures under multiaxial random vibrations. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2101-2115.	1.7	11
6	Control Method for Multiple-Input Multiple-Output Non-Gaussian Random Vibration Test. <i>Packaging Technology and Science</i> , 2017, 30, 331-345.	1.3	9
7	Two time domain models for fatigue life prediction under multiaxial random vibrations. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 4707-4718.	1.1	7
8	Stationary non-Gaussian random vibration control: A review. <i>Chinese Journal of Aeronautics</i> , 2021, 34, 350-363.	2.8	7
9	Analysis of low damping ratios in multi-exciter stationary non-Gaussian random vibration control. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 1463-1470.	1.5	6
10	A simplified modelling and analysis of six degree of freedom random vibration test. <i>Mechanical Systems and Signal Processing</i> , 2021, 150, 107304.	4.4	5
11	Multi-shaker half sine shock on random mixed vibration control. <i>Journal of Sound and Vibration</i> , 2021, 512, 116372.	2.1	5
12	Fatigue life calculation of notched specimens by modified Wöhler curve method and theory of critical distance under multiaxial random loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 514-529.	1.7	5
13	Probability distributions control for multi-input multi-output stationary non-Gaussian random vibration test. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754631774750.	1.5	4
14	Power spectrum and kurtosis separation method for multi-shaker non-Gaussian random vibration control. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 108015.	4.4	3
15	Swept-sine integration method for complex amplitude extraction of swept-sine signal. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 4981-4988.	0.7	3
16	Continuous convolution and nonlinear transformation for multi-shaker non-Gaussian random vibration control. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 83-91.	1.5	2
17	An Adaptive Operational Modal Analysis Method Using Encoder LSTM with Random Decrement Technique. <i>Journal of Sensors</i> , 2021, 2021, 1-11.	0.6	2
18	Control strategy for multi-axial swept sine on random mixed vibration testing. <i>Journal of Sound and Vibration</i> , 2022, 527, 116846.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Half sine shock on random control method for multi-axial vibration testing. JVC/Journal of Vibration and Control, 2023, 29, 2995-3005.	1.5	1
20	Multi-shaker shock response spectra replication control. JVC/Journal of Vibration and Control, 2023, 29, 3744-3755.	1.5	1
21	An Adaptive Operational Modal Analysis under Non-White Noise Excitation Using Hybrid Neural Networks. Applied Sciences (Switzerland), 2022, 12, 2471.	1.3	0