Huai-hai Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9428012/publications.pdf

Version: 2024-02-01

31	259	1039406	1058022
papers	citations	9 h-index	14 g-index

31	31	31	130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-exciter stationary non-Gaussian random vibration test with time domain randomization. Mechanical Systems and Signal Processing, 2019, 122, 103-116.	4.4	30
2	Generation of sine on random vibrations for multi-axial fatigue tests. Mechanical Systems and Signal Processing, 2019, 126, 649-661.	4.4	28
3	Matrix Power Control Algorithm for Multi-input Multi-output Random Vibration Test. Chinese Journal of Aeronautics, 2011, 24, 741-748.	2.8	26
4	Sparse filtering based domain adaptation for mechanical fault diagnosis. Neurocomputing, 2020, 393, 101-111.	3.5	20
5	Multiple-input multiple-output non-stationary non-Gaussian random vibration control by inverse system method. Mechanical Systems and Signal Processing, 2019, 124, 124-141.	4.4	17
6	Control method for multi-input multi-output non-Gaussian random vibration test with cross spectra consideration. Chinese Journal of Aeronautics, 2017, 30, 1895-1906.	2.8	15
7	Influences of correlations between biaxial random vibrations on the fatigue lives of notched metallic specimens. International Journal of Fatigue, 2020, 139, 105730.	2.8	13
8	A novel sparse filtering approach based on time-frequency feature extraction and softmax regression for intelligent fault diagnosis under different speeds. Journal of Central South University, 2019, 26, 1607-1618.	1.2	11
9	A damage gradient model for fatigue life prediction of notched metallic structures under multiaxial random vibrations. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 2101-2115.	1.7	11
10	Control Method for Multiple-Input Multiple-Output Non-Gaussian Random Vibration Test. Packaging Technology and Science, 2017, 30, 331-345.	1.3	9
11	Multi-input multi-output random vibration control using Tikhonov filter. Chinese Journal of Aeronautics, 2016, 29, 1649-1663.	2.8	7
12	Time-domain approach for multi-exciter random environment test. Journal of Sound and Vibration, 2017, 398, 52-69.	2.1	7
13	Two time domain models for fatigue life prediction under multiaxial random vibrations. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 4707-4718.	1.1	7
14	Stationary non-Gaussian random vibration control: A review. Chinese Journal of Aeronautics, 2021, 34, 350-363.	2.8	7
15	Vibration fatigue analysis of circumferentially notched specimens under coupled multiaxial random vibration environments. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 2412-2428.	1.7	7
16	Analysis of low damping ratios in multi-exciter stationary non-Gaussian random vibration control. JVC/Journal of Vibration and Control, 2020, 26, 1463-1470.	1.5	6
17	A simplified modelling and analysis of six degree of freedom random vibration test. Mechanical Systems and Signal Processing, 2021, 150, 107304.	4.4	5
18	Multi-shaker half sine shock on random mixed vibration control. Journal of Sound and Vibration, 2021, 512, 116372.	2.1	5

#	Article	IF	Citations
19	Fatigue life calculation of notched specimens by modified WÃ¶hler curve method and theory of critical distance under multiaxial random loading. Fatigue and Fracture of Engineering Materials and Structures, 2022, 45, 514-529.	1.7	5
20	Probability distributions control for multi-input multi-output stationary non-Gaussian random vibration test. JVC/Journal of Vibration and Control, 0, , 107754631774750.	1.5	4
21	Control algorithm update for multi-input multi-output random environment test. Mechanical Systems and Signal Processing, 2018, 111, 643-662.	4.4	3
22	Power spectrum and kurtosis separation method for multi-shaker non-Gaussian random vibration control. Mechanical Systems and Signal Processing, 2022, 162, 108015.	4.4	3
23	Swept-sine integration method for complex amplitude extraction of swept-sine signal. Journal of Mechanical Science and Technology, 2020, 34, 4981-4988.	0.7	3
24	Continuous convolution and nonlinear transformation for multi-shaker non-Gaussian random vibration control. JVC/Journal of Vibration and Control, 2022, 28, 83-91.	1.5	2
25	Operational modal parameter identification with correlated colored noise excitation. JVC/Journal of Vibration and Control, 0, , 107754632110113.	1.5	2
26	An Adaptive Operational Modal Analysis Method Using Encoder LSTM with Random Decrement Technique. Journal of Sensors, 2021, 2021, 1-11.	0.6	2
27	Multi-Input-Multi-Output Continuous Swept-Sine Vibration Test Realization by Inverse Multistep Prediction Model. Shock and Vibration, 2020, 2020, 1-13.	0.3	1
28	Control strategy for multi-axial swept sine on random mixed vibration testing. Journal of Sound and Vibration, 2022, 527, 116846.	2.1	1
29	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
30	Multi-shaker shock response spectra replication control. JVC/Journal of Vibration and Control, 2023, 29, 3744-3755.	1.5	1
31	An Adaptive Operational Modal Analysis under Non-White Noise Excitation Using Hybrid Neural Networks. Applied Sciences (Switzerland), 2022, 12, 2471.	1.3	0