Yongfeng Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3541794/publications.pdf

Version: 2024-02-01

22	508	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of embedded horizontal cracks in beams using measured mode shapes. Journal of Sound and Vibration, 2014, 333, 6273-6294.	3.9	61
2	Damage identification of beam structures using free response shapes obtained by use of a continuously scanning laser Doppler vibrometer system. Mechanical Systems and Signal Processing, 2017, 92, 226-247.	8.0	48
3	A dynamic model of a cantilever beam with a closed, embedded horizontal crack including local flexibilities at crack tips. Journal of Sound and Vibration, 2016, 382, 274-290.	3.9	39
4	Identification of damage in plates using full-field measurement with a continuously scanning laser Doppler vibrometer system. Journal of Sound and Vibration, 2018, 422, 542-567.	3.9	37
5	Damage Identification of Beams Using a Continuously Scanning Laser Doppler Vibrometer System. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	33
6	Experimental Investigation of Notch-Type Damage Identification with a Curvature-Based Method by Using a Continuously Scanning Laser Doppler Vibrometer System. Journal of Nondestructive Evaluation, 2017, 36, 1.	2.4	33
7	Operational modal analysis of a rectangular plate using non-contact excitation and measurement. Journal of Sound and Vibration, 2013, 332, 4927-4939.	3.9	30
8	Operational modal analysis using lifted continuously scanning laser Doppler vibrometer measurements and its application to baseline-free structural damage identification. JVC/Journal of Vibration and Control, 2019, 25, 1341-1364.	2.6	30
9	Non-model-based damage identification of plates using measured mode shapes. Structural Health Monitoring, 2017, 16, 3-23.	7.5	28
10	Development of a modified stochastic subspace identification method for rapid structural assessment of inâ€service utilityâ€scale wind turbine towers. Wind Energy, 2017, 20, 1687-1710.	4.2	28
11	Local damage detection of membranes based on Bayesian operational modal analysis and three-dimensional digital image correlation. Mechanical Systems and Signal Processing, 2019, 131, 633-648.	8.0	23
12	Non-Model-Based Identification of Delamination in Laminated Composite Plates Using a Continuously Scanning Laser Doppler Vibrometer System. Journal of Vibration and Acoustics, Transactions of the ASME, 2018, 140, .	1.6	21
13	Non-model-based damage identification of plates using principal, mean and Gaussian curvature mode shapes. Journal of Sound and Vibration, 2017, 400, 626-659.	3.9	17
14	Non-model-based multiple damage identification of beams by a continuously scanning laser Doppler vibrometer system. Measurement: Journal of the International Measurement Confederation, 2018, 115, 185-196.	5.0	17
15	Field Testing of Wind Turbine Towers with Contact and Noncontact Vibration Measurement Methods. Journal of Performance of Constructed Facilities, 2020, 34, .	2.0	16
16	A modal test method using sound pressure transducers based on vibro-acoustic reciprocity. Journal of Sound and Vibration, 2014, 333, 2728-2742.	3.9	14
17	Photogrammetry-based structural damage detection by tracking a visible laser line. Structural Health Monitoring, 2020, 19, 322-336.	7.5	12
18	Efficient and Accurate Calculation of Discrete Frequency Response Functions and Impulse Response Functions. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	5

#	Article	IF	Citations
19	Four-beam model for vibration analysis of a cantilever beam with an embedded horizontal crack. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 163-179.	3.7	5
20	A Comparative Study on Structural Damage Detection Using Derivatives of Laser-Measured Flexural and Longitudinal Vibration Shapes. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	4
21	Baseline-free structural damage identification for plate-like structures based on two-dimensional curvature propagating flexural waves. Journal of Sound and Vibration, 2022, 536, 117098.	3.9	4
22	New Coherence Function with Measurements of One Sampling Period. Mechanical Systems and Signal Processing, 2017, 88, 354-376.	8.0	3