

# Yongfeng Xu

## List of Publications by Year in descending order

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22  
papers

508  
citations

567281

15  
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677142

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g-index

23  
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23  
docs citations

23  
times ranked

332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline-free structural damage identification for plate-like structures based on two-dimensional curvature propagating flexural waves. <i>Journal of Sound and Vibration</i> , 2022, 536, 117098.	3.9	4
2	Photogrammetry-based structural damage detection by tracking a visible laser line. <i>Structural Health Monitoring</i> , 2020, 19, 322-336.	7.5	12
3	Field Testing of Wind Turbine Towers with Contact and Noncontact Vibration Measurement Methods. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, .	2.0	16
4	A Comparative Study on Structural Damage Detection Using Derivatives of Laser-Measured Flexural and Longitudinal Vibration Shapes. <i>Journal of Nondestructive Evaluation</i> , 2020, 39, 1.	2.4	4
5	Local damage detection of membranes based on Bayesian operational modal analysis and three-dimensional digital image correlation. <i>Mechanical Systems and Signal Processing</i> , 2019, 131, 633-648.	8.0	23
6	Operational modal analysis using lifted continuously scanning laser Doppler vibrometer measurements and its application to baseline-free structural damage identification. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 1341-1364.	2.6	30
7	Identification of damage in plates using full-field measurement with a continuously scanning laser Doppler vibrometer system. <i>Journal of Sound and Vibration</i> , 2018, 422, 542-567.	3.9	37
8	Non-model-based multiple damage identification of beams by a continuously scanning laser Doppler vibrometer system. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 115, 185-196.	5.0	17
9	Non-Model-Based Identification of Delamination in Laminated Composite Plates Using a Continuously Scanning Laser Doppler Vibrometer System. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2018, 140, .	1.6	21
10	Damage identification of beam structures using free response shapes obtained by use of a continuously scanning laser Doppler vibrometer system. <i>Mechanical Systems and Signal Processing</i> , 2017, 92, 226-247.	8.0	48
11	Non-model-based damage identification of plates using principal, mean and Gaussian curvature mode shapes. <i>Journal of Sound and Vibration</i> , 2017, 400, 626-659.	3.9	17
12	Experimental Investigation of Notch-Type Damage Identification with a Curvature-Based Method by Using a Continuously Scanning Laser Doppler Vibrometer System. <i>Journal of Nondestructive Evaluation</i> , 2017, 36, 1.	2.4	33
13	New Coherence Function with Measurements of One Sampling Period. <i>Mechanical Systems and Signal Processing</i> , 2017, 88, 354-376.	8.0	3
14	Non-model-based damage identification of plates using measured mode shapes. <i>Structural Health Monitoring</i> , 2017, 16, 3-23.	7.5	28
15	Development of a modified stochastic subspace identification method for rapid structural assessment of in-service utility-scale wind turbine towers. <i>Wind Energy</i> , 2017, 20, 1687-1710.	4.2	28
16	Damage Identification of Beams Using a Continuously Scanning Laser Doppler Vibrometer System. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2016, 138, .	1.6	33
17	A dynamic model of a cantilever beam with a closed, embedded horizontal crack including local flexibilities at crack tips. <i>Journal of Sound and Vibration</i> , 2016, 382, 274-290.	3.9	39
18	Efficient and Accurate Calculation of Discrete Frequency Response Functions and Impulse Response Functions. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 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 modal test method using sound pressure transducers based on vibro-acoustic reciprocity. Journal of Sound and Vibration, 2014, 333, 2728-2742.	3.9	14
21	Identification of embedded horizontal cracks in beams using measured mode shapes. Journal of Sound and Vibration, 2014, 333, 6273-6294.	3.9	61
22	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