

Yonghui An

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

614
citations

623734

14
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerostatic Performance Improvement Based on a Novel Aerodynamic Countermeasure: Simulation and Wind Tunnel Test. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	0
2	Scour depth evaluation of highway bridge piers using vibration measurements and finite element model updating. <i>Engineering Structures</i> , 2022, 253, 113815.	5.3	7
3	Theoretical models of key parameters for performance-based seismic design of new partially connected steel plate shear wall with vertical square tube stiffeners. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 1267-1291.	4.4	0
4	Integrated Fatigue Life Evaluation Method for Members in Riveted Steel Truss Bridges. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	2.0	1
5	Recent progress and future trends on damage identification methods for bridge structures. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2416.	4.0	162
6	Analytical model of moment-rotation relation for steel beam to CFST column connections with bidirectional bolts. <i>Engineering Structures</i> , 2019, 196, 109374.	5.3	11
7	Vibration Mitigation of Suspension Bridge Suspender Cables Using a Ring-Shaped Tuned Liquid Damper. <i>Journal of Bridge Engineering</i> , 2019, 24, .	2.9	22
8	Analytical Model for Initial Rotational Stiffness of Steel Beam to Concrete-Filled Steel Tube Column Connections with Bidirectional Bolts. <i>Journal of Structural Engineering</i> , 2018, 144, .	3.4	18
9	Structural Damage Localization and Quantification Based on Additional Virtual Masses and Bayesian Theory. <i>Journal of Engineering Mechanics - ASCE</i> , 2018, 144, 04018097.	2.9	20
10	Rank-revealing QR decomposition applied to damage localization in truss structures. <i>Structural Control and Health Monitoring</i> , 2017, 24, e1849.	4.0	12
11	Experimental and numerical studies on galloping of the flat-topped main cables for the long span suspension bridge during construction. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 163, 24-32.	3.9	22
12	Axial Strain Accelerations Approach for Damage Localization in Statically Determinate Truss Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 304-318.	9.8	23
13	Experimental and numerical studies on a test method for damage diagnosis of stay cables. <i>Advances in Structural Engineering</i> , 2017, 20, 245-256.	2.4	10
14	Fast Warning Method for Rigid Hangers in a High-Speed Railway Arch Bridge Using Long-Term Monitoring Data. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, .	2.0	13
15	A degree of dispersion-based damage localization method. <i>Structural Control and Health Monitoring</i> , 2016, 23, 176-192.	4.0	21
16	Field monitoring of the train-induced hanger vibration in a high-speed railway steel arch bridge. <i>Smart Structures and Systems</i> , 2016, 17, 1107-1127.	1.9	7
17	Galloping of steepled main cables in long-span suspension bridges during construction. <i>Wind and Structures, an International Journal</i> , 2016, 23, 595-613.	0.8	18
18	Real-time fast damage detection of shear structures with random base excitation. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 74, 92-102.	5.0	10

#	ARTICLE	IF	CITATIONS
19	A Test Method for Damage Diagnosis of Suspension Bridge Suspender Cables. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 771-784.	9.8	51
20	Structural damage localisation for a frame structure from changes in curvature of approximate entropy feature vectors. Nondestructive Testing and Evaluation, 2014, 29, 80-97.	2.1	5
21	A signal energy change-based damage localization approach for beam structures. Measurement: Journal of the International Measurement Confederation, 2014, 48, 208-219.	5.0	15
22	A damage localization method based on the "jerk energy"™. Smart Materials and Structures, 2014, 23, 025020.	3.5	16
23	Stochastic DLV method for steel truss structures: simulation and experiment. Smart Structures and Systems, 2014, 14, 105-128.	1.9	10
24	Experimental and numerical studies on model updating method of damage severity identification utilizing four cost functions. Structural Control and Health Monitoring, 2013, 20, 107-120.	4.0	45
25	An algorithm for damage localization in steel truss structures: Numerical simulation and experimental validation. Journal of Intelligent Material Systems and Structures, 2013, 24, 1683-1698.	2.5	13
26	Dempster-Shafer evidence theory approach to structural damage detection. Structural Health Monitoring, 2012, 11, 13-26.	7.5	40
27	Numerical studies on a novel damage localization feature of cantilever beams using standard deviation and curvature method. , 2012, , .		1
28	Experimental and numerical studies on damage localization of simply supported beams based on curvature difference probability method of waveform fractal dimension. Journal of Intelligent Material Systems and Structures, 2012, 23, 415-426.	2.5	39
29	Numerical study on damage identification using fractal theory and curvature method. , 2011, , .		2
30	A study on building an experimental system of PVDF sensor for structural local monitoring on a bridge model. Proceedings of SPIE, 2010, , .	0.8	0