

Yi Hui

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

529
citations

623734

14
h-index

677142

22
g-index

35
all docs

35
docs citations

35
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Interference effects between two rectangular-section high-rise buildings on local peak pressure coefficients. <i>Journal of Fluids and Structures</i> , 2013, 37, 120-133.	3.4	64
2	Mutual interference effects between two high-rise building models with different shapes on local peak pressure coefficients. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2012, 104-106, 98-108.	3.9	51
3	Effects of facade appurtenances on the local pressure of high-rise building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 178, 26-37.	3.9	43
4	Analysis of interference effects on torsional moment between two high-rise buildings based on pressure and flow field measurement. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 164, 54-68.	3.9	34
5	Characteristics of aerodynamic forces on high-rise buildings with various facade appurtenances. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 191, 76-90.	3.9	31
6	Flow field investigation for aerodynamic effects of surface mounted ribs on square-sectioned high-rise buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 211, 104551.	3.9	24
7	Modification of aerodynamic force characteristics on high-rise buildings with arrangement of vertical plates. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 200, 104155.	3.9	23
8	Modeling and nonlinear dynamic analysis of cable-supported bridge with inclined main cables. <i>Engineering Structures</i> , 2018, 156, 351-362.	5.3	21
9	Modeling and modal analysis of suspension bridge based on continual formula method. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 107855.	8.0	21
10	Wind pressure distribution on trough concentrator and fluctuating wind pressure characteristics. <i>Solar Energy</i> , 2015, 120, 464-478.	6.1	19
11	Non-stationary and non-Gaussian characteristics of wind speeds. <i>Wind and Structures, an International Journal</i> , 2017, 24, 59-78.	0.8	19
12	Analysis on two types of internal resonance of a suspended bridge structure with inclined main cables based on its sectional model. <i>European Journal of Mechanics, A/Solids</i> , 2018, 72, 135-147.	3.7	18
13	LES study of windward-face-mounted-ribs TM effects on flow fields and aerodynamic forces on a square cylinder. <i>Building and Environment</i> , 2021, 200, 107950.	6.9	17
14	Parameter and Aerodynamic Force Identification of Single-Degree-of-Freedom System in Wind Tunnel Test. <i>Journal of Engineering Mechanics - ASCE</i> , 2019, 145, .	2.9	16
15	Extended IHB method for dynamic analysis of structures with geometrical and material nonlinearities. <i>Engineering Structures</i> , 2020, 205, 110084.	5.3	15
16	Structural damage detection based on covariance of covariance matrix with general white noise excitation. <i>Journal of Sound and Vibration</i> , 2017, 389, 168-182.	3.9	14
17	Simulation of stationary non-Gaussian stochastic vector processes using an eigenvalue-based iterative translation approximation method. <i>Mechanical Systems and Signal Processing</i> , 2022, 175, 109128.	8.0	14
18	Estimation of Extreme Wind Load on Structures and Claddings. <i>Journal of Engineering Mechanics - ASCE</i> , 2017, 143, 04017081.	2.9	13

#	ARTICLE	IF	CITATIONS
19	Efficient algorithm for the dynamic analysis of large civil structures with a small number of nonlinear components. <i>Mechanical Systems and Signal Processing</i> , 2021, 152, 107480.	8.0	10
20	Three-to-one internal resonance analysis for a suspension bridge with spatial cable through a continuum model. <i>European Journal of Mechanics, A/Solids</i> , 2021, 90, 104354.	3.7	10
21	Non-linear aerodynamic load and parameters estimation for a SDOF wind-structure coupling system in wind tunnel test. <i>Engineering Structures</i> , 2019, 197, 109385.	5.3	9
22	Effect of cut-off order of nonlinear stiffness on the dynamics of a sectional suspension bridge model. <i>Engineering Structures</i> , 2019, 185, 377-391.	5.3	8
23	Internal resonance of structure with hysteretic base-isolation and its application for seismic mitigation. <i>Engineering Structures</i> , 2021, 229, 111643.	5.3	7
24	Effects of facade rib arrangement on aerodynamic characteristics and flow structure of a square cylinder. <i>Building and Environment</i> , 2022, 214, 108924.	6.9	7
25	Short-Term Response of a Bridge-Winglet Sectional Model under Active Flutter Control. <i>International Journal of Structural Stability and Dynamics</i> , 2020, 20, 2050084.	2.4	4
26	Comparisons of design wind pressures on roof-mounted solar arrays between wind tunnel tests and codes and standards. <i>Advances in Structural Engineering</i> , 2021, 24, 653-666.	2.4	4
27	An alternative method for estimation of annual extreme wind speeds. <i>Wind and Structures, an International Journal</i> , 2014, 19, 169-184.	0.8	4
28	Nonlinear torsional primary resonance analysis of suspension bridge with generalized configuration using mathematical model. <i>Engineering Structures</i> , 2022, 255, 113935.	5.3	4
29	Active flutter control of a bridge-flap system considering aerodynamic interferences in practical considerations. <i>Smart Materials and Structures</i> , 2022, 31, 065006.	3.5	2
30	Non-Linear Dynamic Analysis on a Continuum Suspension Bridge Model with Spatial Layout of Main Cables. <i>International Journal of Structural Stability and Dynamics</i> , 2022, 22, .	2.4	2
31	Simulation of r Highest-Order Extreme Values of Correlated Random Process. <i>Journal of Engineering Mechanics - ASCE</i> , 2016, 142, 06015003.	2.9	1
32	Modeling of wedge-pin joint for the dynamic analysis of a planar temporary demountable structure. <i>Advances in Structural Engineering</i> , 2021, 24, 929-946.	2.4	0
33	Wind Pressure Distribution on Through Concentrator. , 2016, , .		0
34	Wind Loads on Solar Panels Mounted on Facade of High-Rise Residential Building. <i>International Journal of Structural Stability and Dynamics</i> , 0, , .	2.4	0
35	Nonlinear characteristics of suspension bridges with inclined hangers under harmonic excitations and countermeasures for vibration control. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	4.0	0