

Zhouhong Zong

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

554
citations

13
h-index

22
g-index

47
ext. papers

750
ext. citations

3.1
avg. IF

4.21
L-index

#	Paper	IF	Citations
43	Influence of U-shaped stiffeners on the blast-resistance performance of steel plates. <i>Journal of Constructional Steel Research</i> , 2022 , 188, 107046	3.8	1
42	Influence of shape of cuboid explosives on response of plates subjected to blast loads. <i>Thin-Walled Structures</i> , 2022 , 174, 109077	4.7	0
41	A New Hybrid Input Strategy to Reproduce Across-Fault Ground Motions on Multi-Shaking Tables. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20190797	1	1
40	Blast Response and Damage Mechanism of Prefabricated Segmental RC Bridge Piers. <i>Journal of Bridge Engineering</i> , 2021 , 26, 04021012	2.7	1
39	Numerical study on the behavior of utility tunnel subjected to ground surface explosion. <i>Thin-Walled Structures</i> , 2021 , 161, 107422	4.7	12
38	Numerical analysis of axial load effects on RC bridge columns under blast loading. <i>Advances in Structural Engineering</i> , 2021 , 24, 1399-1414	1.9	4
37	Experimental Study on Behavior and Failure Mode of PSRC Bridge Pier under Close-In Blast Loading. <i>Journal of Bridge Engineering</i> , 2021 , 26, 04020124	2.7	1
36	Experimental investigation on the residual axial capacity of close-in blast damaged CFDST columns. <i>Thin-Walled Structures</i> , 2021 , 165, 107976	4.7	5
35	Collapse Analysis of a Two-Span Reinforced Concrete Bridge Model. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8935	2.6	1
34	Experimental Study on Seismic Performance of Concrete Continuous Bridge with HDR Bearings. <i>Journal of the Institution of Engineers (India): Series A</i> , 2020 , 101, 293-314	1	4
33	Post-blast performance and residual capacity of CFDST columns subjected to contact explosions. <i>Journal of Constructional Steel Research</i> , 2020 , 167, 105960	3.8	13
32	The blast resistant performance of concrete-filled steel-tube segmental columns. <i>Journal of Constructional Steel Research</i> , 2020 , 168, 105997	3.8	7
31	Experimental and numerical study of CFRP protective RC piers under contact explosion. <i>Composite Structures</i> , 2020 , 234, 111658	5.3	15
30	Experimental and numerical studies of the seismic behavior of a steel-concrete composite rigid-frame bridge subjected to the surface rupture at a thrust fault. <i>Engineering Structures</i> , 2020 , 205, 110105	4.7	11
29	Research on Longitudinal Collapse Mode and Control of the Continuous Bridge under Strong Seismic Excitations. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6049	2.6	1
28	Numerical study of the seismic performance and damage mitigation of steel-concrete composite rigid-frame bridge subjected to across-fault ground motions. <i>Bulletin of Earthquake Engineering</i> , 2020 , 18, 6687-6714	3.7	6
27	Seismic Performance of Steel-Concrete Composite Rigid-Frame Bridge: Shake Table Test and Numerical Simulation. <i>Journal of Bridge Engineering</i> , 2020 , 25, 04020032	2.7	10

26	Experimental and numerical study on the behaviour of CFDST columns subjected to close-in blast loading. <i>Engineering Structures</i> , 2019 , 185, 203-220	4.7	30
25	Multi-stopband negative stiffness composite column design for vibration absorption. <i>Thin-Walled Structures</i> , 2019 , 144, 106330	4.7	4
24	Metamaterial I-Girder for Vibration Absorption of Composite Cable-Stayed Bridge. <i>Journal of Engineering Mechanics - ASCE</i> , 2018 , 144, 04018045	2.4	5
23	Experimental and numerical study on damage mechanism of CFDST bridge columns subjected to contact explosion. <i>Engineering Structures</i> , 2018 , 159, 265-276	4.7	24
22	A new baseline correction method for near-fault strong-motion records based on the target final displacement. <i>Soil Dynamics and Earthquake Engineering</i> , 2018 , 114, 27-37	3.5	16
21	Instantaneous frequency tracking method for composite cable-stayed bridge. <i>Mechanical Systems and Signal Processing</i> , 2018 , 100, 43-56	7.8	5
20	Damage Assessment of an RC Pier under Noncontact Blast Loading Based on P-I Curves. <i>Shock and Vibration</i> , 2018 , 2018, 1-12	1.1	2
19	Experimental study on mechanical properties of high damping rubber bearing model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 61, 012105	0.3	5
18	A study of RC bridge columns under contact explosion. <i>International Journal of Impact Engineering</i> , 2017 , 109, 378-390	4	43
17	Collapse Failure of Prestressed Concrete Continuous Rigid-Frame Bridge under Strong Earthquake Excitation: Testing and Simulation. <i>Journal of Bridge Engineering</i> , 2016 , 21, 04016047	2.7	18
16	A multiscale finite element model validation method of composite cable-stayed bridge based on Probability Box theory. <i>Journal of Sound and Vibration</i> , 2016 , 370, 111-131	3.9	16
15	Damage identification method of girder bridges based on finite element model updating and modal strain energy. <i>Science China Technological Sciences</i> , 2015 , 58, 701-711	3.5	11
14	Finite element model validation of bridge based on structural health monitoringPart I: Response surface-based finite element model updating. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2015 , 2, 258-278	3.9	18
13	Finite element model validation of bridge based on structural health monitoringPart II: Uncertainty propagation and model validation. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2015 , 2, 279-289	3.9	5
12	A Multiscale Finite Element Model Validation Method of Composite Cable-Stayed Bridge Based on Structural Health Monitoring System. <i>Shock and Vibration</i> , 2015 , 2015, 1-12	1.1	1
11	Seismic response study on a multi-span cable-stayed bridge scale model under multi-support excitations. Part I: shaking table tests. <i>Journal of Zhejiang University: Science A</i> , 2014 , 15, 351-363	2.1	36
10	Seismic response study on a multi-span cable-stayed bridge scale model under multi-support excitations. Part II: numerical analysis. <i>Journal of Zhejiang University: Science A</i> , 2014 , 15, 405-418	2.1	15
9	A Damage Prognosis Method of Girder Structures Based on Wavelet Neural Networks. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-11	1.1	7

8	Study on wind characteristics of typhoon muifa on the sutong bridge. <i>Wuhan University Journal of Natural Sciences</i> , 2013 , 18, 156-162	0.4	
7	Long-term monitoring of wind characteristics at Sutong Bridge site. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013 , 115, 39-47	3.7	70
6	Digital simulation of 3D turbulence wind field of Sutong Bridge based on measured wind spectra. <i>Journal of Zhejiang University: Science A</i> , 2012 , 13, 91-104	2.1	7
5	Study on seismic response control of a single-tower self-anchored suspension bridge with elastic-plastic steel damper. <i>Science China Technological Sciences</i> , 2012 , 55, 1496-1502	3.5	12
4	Dynamic analysis of a half-through concrete-filled steel tubular arch bridge. <i>Engineering Structures</i> , 2005 , 27, 3-15	4.7	47
3	Dynamic and seismic performance of old multi-tiered temples in Nepal. <i>Engineering Structures</i> , 2003 , 25, 1827-1839	4.7	64
2	Damper Optimization for Long-Span Suspension Bridges 112-125		
1	Residual axial capacity of circular reinforced concrete columns subjected to contact explosions. <i>Advances in Structural Engineering</i> , 136943322210840	1.9	0