

Shixiong Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

60
citations

1478280

6
h-index

1719901

7
g-index

16
all docs

16
docs citations

16
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of LS-SVM algorithm and JC method for fragility analysis of deep-water high piers subjected to near-field ground motions. Structures, 2020, 24, 282-295.	1.7	14
2	A numerical investigation on galloping of an inclined square cylinder in a smooth flow. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 144, 165-171.	1.7	10
3	Seismic system reliability analysis of bridges using the multiplicative dimensional reduction method. Structure and Infrastructure Engineering, 2018, 14, 1455-1469.	2.0	9
4	Vortex-induced Vibration and Control of Split Three-Box Girder Bridges. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2023, 33, 7-16.	0.5	9
5	Vortex-induced Vibration Reliability Analysis in Cable-stayed Bridges: Wind and Aerodynamic Uncertainties. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2021, 31, 51-59.	0.5	8
6	Stability of suspension bridge catwalks under a wind load. Wind and Structures, an International Journal, 2007, 10, 367-382.	0.8	7
7	Performance of V-shaped perforated noise barriers. Noise Control Engineering Journal, 2017, 65, 396-405.	0.2	1
8	Torsional Seismic Response Analysis of Long Span High Pier Curved Bridges. , 2018, , .		1
9	Study on the Aerodynamic Characteristics of a Single - pylon Cable - stayed Bridge Girder by Numerical Simulation and Wind Tunnel Test. Journal of Engineering Science and Technology Review, 2014, 7, 97-103.	0.2	1
10	Wind tunnel tests of main girder with I-shaped cross section. AIP Conference Proceedings, 2017, , .	0.3	0
11	Study on aerodynamic stability and anti-vibration measures of streamlined box girder. IOP Conference Series: Earth and Environmental Science, 2018, 189, 042021.	0.2	0
12	Torsional Stiffness Correction of the Split-Type Triple-Box Steel Box Girder Based on Refined Simulation. Advances in Civil Engineering, 2021, 2021, 1-14.	0.4	0
13	WIND TUNNEL STUDIES ON THE BEHAVIOR OF A HIGH-RISE BUILDING. , 2005, , .		0
14	Compositive optimal control of a fluid viscous damper for a long-span cable-stayed bridge. , 2013, , .		0
15	The wind-induced behavior of a single pylon cable-stayed bridge. , 2013, , .		0
16	Stochastic seismic response of a high-pier bridge: considering spatial effects. WIT Transactions on the Built Environment, 2013, , .	0.0	0