

Weilian Qu

List of Publications by Year in descending order

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24
papers

89
citations

1683354
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all docs

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docs citations

24
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiaxial low-cycle fatigue life evaluation under different non-proportional loading paths. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 1064-1076.	1.7	22
2	Two-Step Method for Instability Damage Detection in Tower Body of Transmission Structures. <i>Advances in Structural Engineering</i> , 2013, 16, 219-232.	1.2	11
3	Nonlinear stochastic analysis of subharmonic response of a shallow cable. <i>Nonlinear Dynamics</i> , 2007, 48, 97-114.	2.7	7
4	Stochastic Response of an Inclined Shallow Cable with Linear Viscous Dampers under Stochastic Excitation. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 1411-1421.	1.6	7
5	Refined Analysis of Fatigue Crack Initiation Life of Beam-to-Column Welded Connections of Steel Frame under Strong Earthquake. <i>Shock and Vibration</i> , 2017, 2017, 1-13.	0.3	6
6	Moving train loads and parameters identification on a steel truss girder model. <i>International Journal of Steel Structures</i> , 2015, 15, 165-173.	0.6	5
7	Multiaxial Cycle Deformation and Low-Cycle Fatigue Behavior of Mild Carbon Steel and Related Welded-Metal Specimen. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-12.	1.0	4
8	Longitudinal vibration analysis of floating-type railway cable-stayed bridge subjected to train braking. , 2010, , .		3
9	Identification of loosen bolt of transmission tower based on wavelet packet analysis and neural net. , 2011, , .		3
10	Fuzzy pattern recognition technique for crack propagation on earplate connection of guyed mast under wind load. <i>Structural Control and Health Monitoring</i> , 2017, 24, e2010.	1.9	3
11	Fatigue Properties Estimation and Life Prediction for Steels under Axial, Torsional, and In-Phase Loading. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-8.	1.0	3
12	Bolt Loosening Localization at Flange Joints Using Wind-Induced Response for High-Rise Tower. <i>International Journal of Steel Structures</i> , 2021, 21, 1790-1803.	0.6	3
13	Long-term cumulative damage model of historical timber member under varying hygrothermal environment. <i>Wuhan University Journal of Natural Sciences</i> , 2009, 14, 430-436.	0.2	2
14	Theoretical and experimental study on seismic response control on top of Three-Gorges ship lift towers using magnetorheological intelligent isolation system and its key technique. <i>Frontiers of Architecture and Civil Engineering in China</i> , 2009, 3, 32-41.	0.4	2
15	Numerical study on moving train parameter identification system through a simply supported bridge. <i>Journal of Mechanical Science and Technology</i> , 2012, 26, 2641-2648.	0.7	2
16	Extremely-Low-Cycle Fatigue Damage for Beam-to-Column Welded Joints Using Structural Details. <i>Materials</i> , 2020, 13, 1768.	1.3	2
17	Numerical study on formation and diffusion wind fields for thunderstorm microburst. , 2010, , .		1
18	Study on numerical simulation of fluctuating wind for thunderstorm microburst using harmony superposition method. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	The Damage Detection Based on the Fuzzy Clustering and Support Vector Machine. , 2010, , .		1
20	MAGNETORHEOLOGICAL FLUIDS AND DAMPERS FOR VIBRATION CONTROL OF THE TIANXINGZHOU BRIDGE. , 2011, , .		1
21	Notice of Retraction: Computational simulation study on thunderstorm downburst-induced high intensity winds. , 2010, , .		0
22	Solid modeling method and calculation of stress intensity factor for bridge structure with 3-D straight through crack. , 2010, , .		0
23	Finite element model updating for space truss structure by fuzzy pattern identification. , 2011, , .		0
24	Effect of Welding Residual Stress on Along-Wind Fatigue Life of Welded Joints in Guyed Mast. Shock and Vibration, 2020, 2020, 1-12.	0.3	0