

Ahmad Shooshtari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Effect of Nonlinear Behavior of Bolted Connections on Dynamic Analysis of Steel Transmission Towers. <i>International Journal of Steel Structures</i> , 2021, 21, 634-649.	1.3	1
2	Nonlinear static and dynamic behaviors assessment of self-centering post-tensioned concrete wall with multiple-slit device. <i>Journal of Building Engineering</i> , 2021, 43, 102999.	3.4	3
3	Output-only modal identification by in-operation modal appropriation for use with enhanced frequency domain decomposition method. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 3055-3067.	1.5	3
4	An energy balance method for seismic analysis of cable-stayed bridges. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2019, 172, 871-881.	0.8	3
5	Joint Slip Formulation Based on Experimental Results in Wind Turbine Lattice Towers. <i>Journal of Structural Engineering</i> , 2018, 144, .	3.4	8
6	The stiffness matrix of cracked finite elements: Introducing shortcomings in applying stiffness approach and proposing a solution. <i>Engineering Fracture Mechanics</i> , 2018, 191, 412-425.	4.3	0
7	Investigation of Soil-Structure Interaction Effects on Seismic Response of a 5MW Wind Turbine. <i>International Journal of Civil Engineering</i> , 2018, 16, 1-17.	2.0	19
8	Joint slip investigation based on finite element modelling verified by experimental results on wind turbine lattice towers. <i>Frontiers of Structural and Civil Engineering</i> , 2018, 12, 341-351.	2.9	5
9	Investigation of nonlinear dynamic behavior of lattice structure wind turbines. <i>Renewable Energy</i> , 2016, 97, 33-46.	8.9	12
10	Introducing new cracked finite elements and a method for SIF calculation of cracks. <i>Mechanics Based Design of Structures and Machines</i> , 2016, 44, 176-188.	4.7	6
11	Analysis of cracked skeletal structures by utilizing a cracked beam-column element. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 85, 276-282.	4.7	5
12	A new two-dimensional cracked finite element for fracture mechanics. <i>Engineering Fracture Mechanics</i> , 2015, 135, 17-33.	4.3	6
13	A Numerical Method to Material and Geometric Nonlinear Analysis of Cable Structures. <i>Mechanics Based Design of Structures and Machines</i> , 2015, 43, 407-423.	4.7	7
14	Pushover analysis of gabled frames with semi-rigid connections. <i>Steel and Composite Structures</i> , 2015, 18, 1557-1568.	1.3	8
15	Forced vibration analysis of a dam-reservoir interaction problem in frequency domain. <i>Coupled Systems Mechanics</i> , 2014, 3, 385-403.	0.4	3
16	Nonlinear analysis of cable structures under general loadings. <i>Finite Elements in Analysis and Design</i> , 2013, 73, 11-19.	3.2	68
17	A Multimode Adaptive Pushover Procedure for Seismic Assessment of Integral Bridges. <i>Advances in Civil Engineering</i> , 2013, 2013, 1-13.	0.7	5
18	A closed-form solution for a fluid-structure system: shear beam-compressible fluid. <i>Coupled Systems Mechanics</i> , 2013, 2, 127-146.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Investigating the effect of bond slip on the seismic response of RC structures. <i>Structural Engineering and Mechanics</i> , 2013, 46, 695-711.	1.0	8
20	Forced vibration analysis of a dam-reservoir interaction problem in frequency domain. <i>Interaction and Multiscale Mechanics</i> , 2013, 6, 357-375.	0.4	0
21	An efficient procedure to find shape functions and stiffness matrices of nonprismatic Euler-Bernoulli and Timoshenko beam elements. <i>European Journal of Mechanics, A/Solids</i> , 2010, 29, 826-836.	3.7	37
22	Joint Slip Formulation for Members with Double Angle Section Based on Experimental Results in Wind Turbine Lattice Towers. <i>Arabian Journal for Science and Engineering</i> , 0, , .	3.0	2