Javad Vaseghi Amiri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10785518/publications.pdf

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24	693	623734	677142
papers	citations	14	22
		h-index	g-index

24	24	24	551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of water to cement ratio on fracture parameters and brittleness of self-compacting concrete. Materials & Design, 2013, 50, 267-276.	5.1	147
2	The influence of coarse aggregate size and volume on the fracture behavior and brittleness of self-compacting concrete. Cement and Concrete Research, 2014, 66, 75-90.	11.0	99
3	Vibration of a thin rectangular plate subjected to series of moving inertial loads. Mechanics Research Communications, 2014, 55, 105-113.	1.8	66
4	Evaluation of the effect of maximum aggregate size on fracture behavior of self compacting concrete. Construction and Building Materials, 2014, 55, 202-211.	7.2	58
5	Vibration analysis of a Mindlin elastic plate under a moving mass excitation by eigenfunction expansion method. Thin-Walled Structures, 2013, 62, 53-64.	5.3	47
6	Design elastic input energy spectra based on Iranian earthquakes. Canadian Journal of Civil Engineering, 2008, 35, 635-646.	1.3	35
7	The effect of aging on the fracture characteristics and ductility of self-compacting concrete. Materials & Design, 2014, 55, 937-948.	5.1	34
8	Influence of rice husk ash on the fracture characteristics and brittleness of self-compacting concrete. Engineering Fracture Mechanics, 2018, 199, 595-608.	4.3	32
9	Benchmark solution for buckling of thick rectangular transversely isotropic plates under biaxial load. International Journal of Mechanical Sciences, 2017, 131-132, 356-367.	6.7	28
10	Energy distribution in RC shear wall-frame structures subject to repeated earthquakes. Soil Dynamics and Earthquake Engineering, 2018, 107, 116-128.	3.8	28
11	3-D elasticity buckling solution for simply supported thick rectangular plates using displacement potential functions. Applied Mathematical Modelling, 2016, 40, 5717-5730.	4.2	24
12	Prediction of lateral confinement coefficient in reinforced concrete columns using M5â€² machine learning method. KSCE Journal of Civil Engineering, 2013, 17, 1714-1719.	1.9	20
13	Determination of nonlinear behavior of a ball joint system by model updating. Journal of Constructional Steel Research, 2012, 71, 52-62.	3.9	18
14	A new Orthonormal Polynomial Series Expansion Method in vibration analysis of thin beams with non-uniform thickness. Applied Mathematical Modelling, 2013, 37, 8543-8556.	4.2	18
15	Effects of hysteretic damping on the seismic performance of tuned mass dampers. Structural Design of Tall and Special Buildings, 2019, 28, e1555.	1.9	11
16	Ball joint behavior in a double layer grid by dynamic model updating. Journal of Constructional Steel Research, 2012, 76, 28-38.	3.9	7
17	A new collection of compressed damage indices for multi-damage detection of cold formed steel shear walls based on neural network ensembles. Canadian Journal of Civil Engineering, 2016, 43, 1034-1043.	1.3	6
18	On Seismic Response Reduction of Adjacent Frame: Emphasis on the Different Characteristics of Earthquakes. International Journal of Civil Engineering, 2022, 20, 91-106.	2.0	5

#	Article	IF	Citations
19	Seismic pounding mitigation of asymmetric-plan buildings by using viscoelastic links. Structures, 2022, 36, 189-214.	3.6	4
20	Comparative Study of Smeared Crack and Extended Finite Element Method for Predicting the Crack Propagation in Concrete Gravity Dams. Journal of Earthquake Engineering, 2022, 26, 8577-8610.	2.5	2
21	Use of viscoelastic links for seismic pounding mitigation under random input. International Journal of Structural Integrity, 2019, 11, 471-496.	3.3	1
22	Multiple Earthquake Effects on Vulnerability of Horizontally Curved RC Bridges. Journal of Earthquake Engineering, 2023, 27, 597-622.	2.5	1
23	Nonlinear Vibration Control of Adjacent Steel MRF Structures Using Non-velocity Dependent Dampers Subjected to Various Seismic Excitations. International Journal of Steel Structures, 0, , 1.	1.3	1
24	Inelastic Seismic Demand of Steel-Plate Shear Wall Structures: Emphasis on the PTD Effect. International Journal of Civil Engineering, 0, , 1.	2.0	1