

Jiuk Shin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7286746/publications.pdf>

Version: 2024-02-01

22
papers

225
citations

1039406

9
h-index

996533

15
g-index

22
all docs

22
docs citations

22
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic assessment of damaged piloti-type RC building subjected to successive earthquakes. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 1603-1619.	2.5	41
2	Dynamic response of a full-scale reinforced concrete building frame retrofitted with FRP column jackets. <i>Engineering Structures</i> , 2016, 125, 244-253.	2.6	40
3	Experimental and analytical studies on Buckling-Restrained Knee Bracing systems with channel sections. <i>International Journal of Steel Structures</i> , 2012, 12, 93-106.	0.6	24
4	Multi-hazard assessment and mitigation for seismically-deficient RC building frames using artificial neural network models. <i>Engineering Structures</i> , 2020, 207, 110204.	2.6	13
5	Seismic mobile shaker testing of full-scale RC building frames with high-strength NSM-FRP hybrid retrofit system. <i>Composite Structures</i> , 2019, 226, 111207.	3.1	12
6	Machine Learning-Based Approach for Seismic Damage Prediction Method of Building Structures Considering Soil-Structure Interaction. <i>Sustainability</i> , 2021, 13, 4334.	1.6	12
7	Retrofit scheme of FRP jacketing system for blast damage mitigation of non-ductile RC building frames. <i>Composite Structures</i> , 2019, 228, 111328.	3.1	11
8	Probabilistic performance assessment of gravity-designed steel frame buildings using buckling-restrained knee braces. <i>Journal of Constructional Steel Research</i> , 2015, 104, 250-260.	1.7	10
9	Mainshock-aftershock response analyses of FRP-jacketed columns in existing RC building frames. <i>Engineering Structures</i> , 2018, 165, 315-330.	2.6	9
10	Anchor plate effect on the breakout capacity in tension for thin-walled concrete panels. <i>Engineering Structures</i> , 2016, 106, 147-153.	2.6	8
11	Influence of shear-axial force interaction on the seismic performance of a piloti building subjected to the 2017 earthquake in Pohang Korea. <i>Structural Concrete</i> , 2020, 21, 220-234.	1.5	8
12	Optimum retrofit strategy of FRP column jacketing system for non-ductile RC building frames using artificial neural network and genetic algorithm hybrid approach. <i>Journal of Building Engineering</i> , 2022, 57, 104919.	1.6	7
13	Implementation of Bond-Slip Performance Models in the Analyses of Non-Ductile Reinforced Concrete Frames Under Dynamic Loads. <i>Journal of Earthquake Engineering</i> , 2020, 24, 129-154.	1.4	6
14	Rapid decision-making tool of piloti-type RC building structure for seismic performance evaluation and retrofit strategy using multi-dimensional structural parameter surfaces. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 151, 106978.	1.9	6
15	Seismic damage mitigation strategy using an FRP column jacketing system in gravity-designed reinforced concrete building frames. <i>Composite Structures</i> , 2022, 279, 114700.	3.1	4
16	Analytical and experimental studies on seismic behavior of double-layer barrel vault systems with different open angles. <i>Thin-Walled Structures</i> , 2012, 54, 113-125.	2.7	3
17	Frequency-based Data-driven Surrogate Model for Efficient Prediction of Irregular Structure's Seismic Responses. <i>Journal of Earthquake Engineering</i> , 2022, 26, 7319-7336.	1.4	3
18	Different macroscopic models for slender and squat reinforced concrete walls subjected to cyclic loads. <i>Earthquake and Structures</i> , 2014, 7, 877-890.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical investigation on seismic performance of retrofitted RC columns with web direct/indirect bonding external H-section. Journal of Building Engineering, 2021, 44, 103404.	1.6	2
20	Quantifying Effect of Post-Tensioned Bars for Precast Concrete Shear Walls. Sustainability, 2022, 14, 6141.	1.6	2
21	Evaluation of Response Modification Factor of Steel Special Resisting Frame Building Before and After Retrofitted with Buckling Restrained Brace. Journal of the Earthquake Engineering Society of Korea, 2013, 17, 11-19.	0.1	1
22	Fragility Assessment of Damaged Piloti-Type RC Building With/Without BRB Under Successive Earthquakes. Journal of the Earthquake Engineering Society of Korea, 2013, 17, 133-141.	0.1	1