

Jiuk Shin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Quantifying Effect of Post-Tensioned Bars for Precast Concrete Shear Walls. <i>Sustainability</i> , 2022, 14, 6141.	1.6	2
4	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
5	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
6	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
7	Experimental and numerical investigation on seismic performance of retrofitted RC columns with web direct/indirect bonding external H-section. <i>Journal of Building Engineering</i> , 2021, 44, 103404.	1.6	2
8	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
9	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
10	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
11	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
12	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
13	Mainshock-aftershock response analyses of FRP-jacketed columns in existing RC building frames. <i>Engineering Structures</i> , 2018, 165, 315-330.	2.6	9
14	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
15	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
16	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
17	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
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	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
20	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
21	Experimental and analytical studies on Buckling-Restrained Knee Bracing systems with channel sections. International Journal of Steel Structures, 2012, 12, 93-106.	0.6	24
22	Analytical and experimental studies on seismic behavior of double-layer barrel vault systems with different open angles. Thin-Walled Structures, 2012, 54, 113-125.	2.7	3