

Yunbyeong Chae

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

425
citations

1039880

9
h-index

996849

15
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18
all docs

18
docs citations

18
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-axial cyclic loading tests for RC shear walls of nuclear power plant structures. <i>Engineering Structures</i> , 2022, 253, 113779.	2.6	2
2	Real-time hybrid simulation for a base-isolated building with the transmissibility-based semi-active controller. <i>Journal of Intelligent Material Systems and Structures</i> , 2022, 33, 2228-2240.	1.4	1
3	Recent Advances in Hybrid Vibration-Control Systems. <i>Practice Periodical on Structural Design and Construction</i> , 2022, 27, .	0.7	9
4	Closure to "Fast and Slow Cyclic Tests for Reinforced Concrete Columns with an Improved Axial Force Control" by Yunbyeong Chae, Jinhaeng Lee, Minseok Park, and Chul-Young Kim. <i>Journal of Structural Engineering</i> , 2020, 146, 07020002.	1.7	0
5	Fast and Slow Cyclic Tests for Reinforced Concrete Columns with an Improved Axial Force Control. <i>Journal of Structural Engineering</i> , 2019, 145, .	1.7	9
6	Adaptive base isolation system to achieve structural resiliency under both short- and long-period earthquake ground motions. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 16-31.	1.4	27
7	Real-time hybrid simulation for an RC bridge pier subjected to both horizontal and vertical ground motions. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 1673-1679.	2.5	12
8	Real-time force control for servo-hydraulic actuator systems using adaptive time series compensator and compliance springs. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 854-871.	2.5	27
9	Implementation of Effective Force Testing for Nonlinear Structures. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	4
10	Verification of Real-time Hybrid Test System using RC Pier Model. <i>Journal of the Earthquake Engineering Society of Korea</i> , 2018, 22, 253-259.	0.1	0
11	Experimental study on the rate-dependency of reinforced concrete structures using slow and real-time hybrid simulations. <i>Engineering Structures</i> , 2017, 132, 648-658.	2.6	17
12	Development of equivalent linear systems for single-degree-of-freedom structures with magneto-rheological dampers for seismic design application. <i>Journal of Intelligent Material Systems and Structures</i> , 2017, 28, 2675-2687.	1.4	2
13	Large-scale real-time hybrid simulation of a three-story steel frame building with magneto-rheological dampers. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 1915-1933.	2.5	34
14	Adaptive time series compensator for delay compensation of servo-hydraulic actuator systems for real-time hybrid simulation. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 1697-1715.	2.5	146
15	Large-Scale Experimental Studies of Structural Control Algorithms for Structures with Magnetorheological Dampers Using Real-Time Hybrid Simulation. <i>Journal of Structural Engineering</i> , 2013, 139, 1215-1226.	1.7	27
16	Modeling of a large-scale magneto-rheological damper for seismic hazard mitigation. Part II: Semi-active mode. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 687-703.	2.5	23
17	Modeling of a large-scale magneto-rheological damper for seismic hazard mitigation. Part I: Passive mode. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 669-685.	2.5	33
18	Evaluation of a real-time hybrid simulation system for performance evaluation of structures with rate dependent devices subjected to seismic loading. <i>Engineering Structures</i> , 2012, 35, 71-82.	2.6	52