

Guoshan Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3165183/publications.pdf>

Version: 2024-02-01

17
papers

296
citations

1163117

8
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Operator-splitting method for real-time substructure testing. <i>Earthquake Engineering and Structural Dynamics</i> , 2006, 35, 293-314.	4.4	91
2	Hybrid simulation of steel frame structures with sectional model updating. <i>Earthquake Engineering and Structural Dynamics</i> , 2016, 45, 1251-1269.	4.4	32
3	High performance compensation using an adaptive strategy for real-time hybrid simulation. <i>Mechanical Systems and Signal Processing</i> , 2019, 133, 106262.	8.0	32
4	Pseudodynamic tests with substructuring of a full-scale precast box-modularized structure made of reinforced concrete shear walls. <i>Structural Design of Tall and Special Buildings</i> , 2017, 26, e1354.	1.9	23
5	Online numerical simulation: A hybrid simulation method for incomplete boundary conditions. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 889-905.	4.4	23
6	Quasi-static tests of RC columns under variable axial forces and rotations. <i>Engineering Structures</i> , 2018, 162, 60-71.	5.3	22
7	Equivalent Force Control Method for Real-time Testing of Nonlinear Structures. <i>Journal of Earthquake Engineering</i> , 2011, 15, 143-164.	2.5	16
8	Performance and Application of Equivalent Force Control Method for Real-Time Substructure Testing. <i>Journal of Engineering Mechanics - ASCE</i> , 2012, 138, 1303-1316.	2.9	11
9	Shaking Table Substructure Testing Based on Three-Variable Control Method with Velocity Positive Feedback. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5414.	2.5	10
10	Equivalent force control method for substructure pseudo-dynamic test of a full-scale masonry structure. <i>Earthquake Engineering and Structural Dynamics</i> , 2014, 43, 969-983.	4.4	9
11	Experimental verification of an accessible geographically distributed real-time hybrid simulation platform. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2483.	4.0	7
12	Substructure Modeling and Loading-Control Techniques for the Test of a Full-Scale Spatial RC Frame with Buckling-Restrained Braces Subjected to Bidirectional Loading. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	7
13	An improved equivalent force control algorithm for hybrid seismic testing of nonlinear systems. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2076.	4.0	6
14	Concept, analysis, and test of a self-centering viscous damper with displacement capacity enhancement. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 2791-2810.	4.4	4
15	Application of the Energy-Conserving Integration Method to Hybrid Simulation of a Full-Scale Steel Frame. <i>Algorithms</i> , 2016, 9, 35.	2.1	1
16	Dual "loop force" displacement mixed control strategy and its application on the quasi "static test. <i>Engineering Review</i> , 2018, 38, 296-302.	0.5	1
17	A shaking table substructure testing method for the structural seismic evaluation considering soil-structure interactions. <i>Advances in Structural Engineering</i> , 2020, 23, 3024-3036.	2.4	1