Wuchuan Pu

List of Publications by Year
in descending order

20 papers	134 citations	1478280 6 h-index	1281743 11 g-index
22 all docs	22 docs citations	22 times ranked	108 citing authors

#	Article	IF	Citations
1	Effect of Ground Motion Orientation on Seismic Responses of an Asymmetric Stress Ribbon Pedestrian Bridge. Advances in Civil Engineering, 2022, 2022, 1-12.	0.4	3
2	Energy-based estimation of ductility demand of slip-hysteretic timber house structures subjected to sequential earthquakes. Structures, 2021, 34, 4193-4203.	1.7	2
3	Influence of high-pass filtering of near-fault earthquake record on the responses of base-isolated building. Soil Dynamics and Earthquake Engineering, 2020, 135, 106182.	1.9	7
4	Distribution of Shear Coefficient of Multi-story Buildings Subjected to Near-fault Ground Motions. KSCE Journal of Civil Engineering, 2018, 22, 3430-3442.	0.9	2
5	Estimation of the Displacement of Viscously Damped Pinching Hysteretic Structures Subjected to Near-fault Ground Motions. Journal of Earthquake Engineering, 2018, 22, 172-190.	1.4	1
6	Quantification of response spectra of pulse-like near-fault ground motions. Soil Dynamics and Earthquake Engineering, 2018, 104, 117-130.	1.9	20
7	Optimum hysteretic damper design for multi-story timber structures represented by an improved pinching model. Bulletin of Earthquake Engineering, 2018, 16, 6221-6241.	2.3	11
8	Ductility demands and residual displacements of pinching hysteretic timber structures subjected to seismic sequences. Soil Dynamics and Earthquake Engineering, 2018, 114, 392-403.	1.9	10
9	A Statistical Model Updating Method of Beam Structures with Random Parameters under Static Load. Applied Sciences (Switzerland), 2017, 7, 601.	1.3	6
10	Seismic control design for slip hysteretic timber structures based on tuning the equivalent stiffness. Engineering Structures, 2016, 128, 199-214.	2.6	12
11	Evaluation of the damping modification factor for structures subjected to near-fault ground motions. Bulletin of Earthquake Engineering, 2016, 14, 1519-1544.	2.3	31
12	A Phenomenological Model for Superelastic Shape Memory Alloy Helical Springs. Advances in Structural Engineering, 2015, 18, 1345-1354.	1.2	5
13	PASSIVE CONTROL DESIGN METHOD FOR RC BUILDING STRUCTURE ADDED WITH ELASTO-PLASTIC DAMPER. Journal of Structural and Construction Engineering, 2013, 78, 461-470.	0.2	5
14	PASSIVE CONTROL DESIGN METHOD FOR RC BUILDING STRUCTURE ADDED WITH VISCO-ELASTIC DAMPER. Journal of Structural and Construction Engineering, 2012, 77, 17-25.	0.2	1
15	PASSIVE CONTROL DESIGN METHOD FOR ELASTO-PLASTIC FRAME ADDED WITH VISCO-ELASTIC DAMPERS. Journal of Structural and Construction Engineering, 2010, 75, 1625-1633.	0.2	3
16	PASSIVE CONTROL DESIGN METHOD FOR MDOF SLIP-HYSTERETIC STRUCTURE ADDED WITH VISCO-ELASTIC DAMPER. Journal of Structural and Construction Engineering, 2010, 75, 781-790.	0.2	6
17	PEAK RESPONSE EVALUATION METHOD FOR SLIP-HYSTERETIC STRUCTURE ADDED WITH VISCO-ELASTIC DAMPER. Journal of Structural and Construction Engineering, 2009, 74, 2227-2236.	0.2	2
18	Load Level and Target COF of Frames with Given Reliability Indices. Journal of Asian Architecture and Building Engineering, 2007, 6, 347-354.	1.2	1

#	Article	IF	Citations
19	Study on Stress-Strain Relationship of Loess. Key Engineering Materials, 2004, 274-276, 241-246.	0.4	1
20	Analyzing the 2020 MwÂ6.4 Puerto Rico Earthquake Sequence Based on the Epidemic-Type Aftershock Sequence Model. Seismological Research Letters, 0, , .	0.8	4