

Shyh-Jiann Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

545
citations

840776

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940533

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17
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength Prediction for Discontinuity Regions by Softened Strut-and-Tie Model. <i>Journal of Structural Engineering</i> , 2002, 128, 1519-1526.	3.4	210
2	Retrofit of reinforced concrete frames with buckling-restrained braces. <i>Earthquake Engineering and Structural Dynamics</i> , 2015, 44, 59-78.	4.4	71
3	Response of Reinforced Concrete Buildings in Concepción during the Maule Earthquake. <i>Earthquake Spectra</i> , 2012, 28, 257-280.	3.1	38
4	Collapse of a nonductile concrete frame: Shaking table tests. <i>Earthquake Engineering and Structural Dynamics</i> , 2009, 38, 205-224.	4.4	34
5	Seismic Response of Reinforced Concrete Short Columns Failed in Shear. <i>ACI Structural Journal</i> , 2014, 111, .	0.2	34
6	Prediction of Lateral Load Displacement Curves for Reinforced Concrete Short Columns Failed in Shear. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	33
7	Simplification of Softened Strut-and-Tie Model for Strength Prediction of Discontinuity Regions. <i>ACI Structural Journal</i> , 2017, 114, .	0.2	33
8	Tests on cyclic behavior of reinforced concrete frames with brick infill. <i>Earthquake Engineering and Structural Dynamics</i> , 2015, 44, 1939-1958.	4.4	18
9	Prediction of the Lateral Load-Displacement Curves for Reinforced Concrete Squat Walls Failing in Shear. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	18
10	A Pushover Seismic Analysis and Retrofitting Method Applied to Low-Rise RC School Buildings. <i>Advances in Structural Engineering</i> , 2015, 18, 311-324.	2.4	14
11	Reconnaissance and learning after the February 6, 2018, earthquake in Hualien, Taiwan. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 4725-4754.	4.1	12
12	Seismic Performance of Reinforced Concrete Intermediate Short Columns Failed in Shear. <i>ACI Structural Journal</i> , 2019, 116, .	0.2	11
13	Softened Strut-and-Tie Model for Shear and Flexural Strengths of Reinforced Concrete Pile Caps. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	5
14	Parameter optimization for Pivot hysteresis model for reinforced concrete columns with different failure modes. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 2167-2187.	4.4	5
15	Evaluation of seismic vulnerability screening indices using data from the Taiwan Earthquake of 6 February 2016. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 1963-1981.	4.1	3
16	Shake table tests of seven-story reinforced concrete structures with torsional irregularities: Test program and datasets. <i>Earthquake Spectra</i> , 2021, 37, 2946-2970.	3.1	3
17	Effects of hysteretic models on the seismic evaluation of a collapsed irregular building from bidirectional near-fault ground motions on a shake table. <i>Engineering Structures</i> , 2021, 247, 113087.	5.3	3