

YeongAe Heo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1307594

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11
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14
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14
docs citations

14
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Uniaxial Material Model for Reinforcing Steel Bars. Journal of Structural Engineering, 2009, 135, 335-343.	3.4	136
2	Amplitude-Scaled versus Spectrum-Matched Ground Motions for Seismic Performance Assessment. Journal of Structural Engineering, 2011, 137, 278-288.	3.4	52
3	Experimental investigation on performance of cantilever CFRP-wrapped circular RC columns under lateral low-velocity impact. Composite Structures, 2020, 242, 112143.	5.8	36
4	A review of experimental results on structural performance of reinforced recycled aggregate concrete beams and columns. Advances in Structural Engineering, 2020, 23, 3351-3369.	2.4	34
5	Damage-Based Seismic Performance Evaluation of Reinforced Concrete Frames. International Journal of Concrete Structures and Materials, 2013, 7, 175-182.	3.2	19
6	SANISTEEL: Simple Anisotropic Steel Plasticity Model. Journal of Structural Engineering, 2011, 137, 185-194.	3.4	18
7	Sensitivity to Constitutive Modeling in Fiber-Based Discretization of Reinforced Concrete Members for Performance-Based Seismic Evaluation. Advances in Structural Engineering, 2009, 12, 37-51.	2.4	11
8	Nonlinear dynamic response of steel materials and plain plate systems to impact loads: Review and validation. Engineering Structures, 2018, 173, 758-767.	5.3	7
9	Delaney Park Geotechnical Array Dynamic Properties Inferred from the Magnitude 7.1 2018 Anchorage, Alaska, Earthquake Sequence. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	5
10	Closure to "Nonlinear Uniaxial Material Model for Reinforcing Steel Bars" by Sashi K. Kunnath, YeongAe Heo, and Jon F. Mohle. Journal of Structural Engineering, 2010, 136, 918-920.	3.4	2
11	Time-Dependent Behavior of FRP Retrofitted RC Columns after Subjecting to Simulated Earthquake Loading. Journal of Composites for Construction, 2014, 18, 04013028.	3.2	2
12	Dynamic Constitutive Model Application and Validation for Offshore Structures Under Dropped Object Impact Loads. , 2018, , .		2
13	Parametric generation of explosion scenarios for quantitative risk assessment of gas explosion in offshore plants. Process Safety Progress, 2017, 36, 139-149.	1.0	0
14	Nonlinear Dynamic Analysis of RC Frames Based on Constitutive Models of Constituent Materials. Journal of the Korea Institute for Structural Maintenance Inspection, 2013, 17, 1-8.	0.1	0