

Yao Cui

List of Publications by Year in descending order

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33
papers

394
citations

686830

13
h-index

794141

19
g-index

33
all docs

33
docs citations

33
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning-Based Fast Seismic Risk Assessment of Building Structures. <i>Journal of Earthquake Engineering</i> , 2022, 26, 8041-8062.	1.4	14
2	Experimental study on seismic performance of replaceable exposed-type column bases. <i>Structures</i> , 2022, 37, 551-560.	1.7	2
3	Seismic behavior of steel space truss connections to reinforced concrete supporting columns. <i>Advances in Structural Engineering</i> , 2022, 25, 1714-1729.	1.2	2
4	Seismic performance of bending-type frictional steel truss coupling beams. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 673-687.	2.5	5
5	Mechanism and Experimental Validation of Frictional Steel Truss Coupling Beams. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	6
6	Incorporating Frame Action into Seismic Design of Gusset Plates. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	7
7	Using composite yield mechanism to mitigate seismic damage to exposed steel column base connections. <i>Engineering Structures</i> , 2021, 232, 111877.	2.6	6
8	Design concepts and seismic behavior of ductile linked rocking steel frames. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 146, 106757.	1.9	5
9	Inductance effect of passive electromagnetic dampers on building-damper system subjected to near-fault earthquakes. <i>Advances in Structural Engineering</i> , 2020, 23, 320-333.	1.2	5
10	Behavior of masonry infilled Chuandou timber frames subjected to in-plane cyclic loading. <i>Engineering Structures</i> , 2020, 211, 110449.	2.6	24
11	Effect of Column Base Behavior on Seismic Performance of Multi-Story Steel Moment Resisting Frames. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1940007.	1.5	8
12	Experimental Study on a Hybrid Coupling Beam With a Friction Damper Using Semi-steel Material. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	7
13	Seismic behavior and strength capacity of steel coupling beam-to-SRC wall joints. <i>Engineering Structures</i> , 2019, 201, 109820.	2.6	15
14	Development of a novel sacrificial energy dissipation outrigger system for tall buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 1661-1677.	2.5	14
15	Development of prefabricated composite energy-dissipating slotted shear wall. <i>Engineering Structures</i> , 2019, 199, 109577.	2.6	15
16	Behaviour and design of three-tower, self-anchored suspension bridge with a concrete girder. <i>Proceedings of the Institution of Civil Engineers: Bridge Engineering</i> , 2019, 172, 190-203.	0.3	3
17	Experimental Study of RC Prefabricated Shear Walls with Shear Keys Affected by a Slotted Floor Slab. <i>Journal of Aerospace Engineering</i> , 2019, 32, .	0.8	14
18	Strength of duplex stainless steel fillet welded connections. <i>Journal of Constructional Steel Research</i> , 2019, 152, 246-260.	1.7	20

#	ARTICLE	IF	CITATIONS
19	Seismic performance assessment of low-rise precast wall panel structure with bolt connections. Engineering Structures, 2019, 181, 562-578.	2.6	68
20	Seismic behavior of precast columns with large-spacing and high-strength longitudinal rebars spliced by epoxy mortar-filled threaded couplers. Engineering Structures, 2018, 176, 349-360.	2.6	30
21	Energy-based low cycle fatigue analysis of low yield point steels. Journal of Constructional Steel Research, 2018, 150, 346-353.	1.7	24
22	Experimental study on seismic behavior of full-scale fully prefabricated steel frame: Members and joints. Engineering Structures, 2018, 169, 162-178.	2.6	13
23	Experimental Study on Seismic Behavior of Roof Joint. International Journal of Steel Structures, 2018, 18, 1373-1383.	0.6	4
24	Experimental and theoretical study on a novel dual-functional replaceable stiffening angle steel component. Soil Dynamics and Earthquake Engineering, 2018, 114, 378-391.	1.9	26
25	Shear behavior of exposed column base connections. Steel and Composite Structures, 2016, 21, 357-371.	1.3	6
26	Seismic rehabilitation of substandard RC columns with partially deteriorated concrete using CFRP composites. Computers and Concrete, 2015, 15, 1-20.	0.7	2
27	Development of steel beam-to-column connections using SF RCC slabs. Engineering Structures, 2013, 52, 545-557.	2.6	6
28	Ultimate strength of gusset plate connections with fillet welds. Journal of Constructional Steel Research, 2012, 75, 104-115.	1.7	5
29	Hysteretic behavior and strength capacity of shallowly embedded steel column bases with SF RCC slab. Earthquake Engineering and Structural Dynamics, 2011, 40, 1495-1513.	2.5	14
30	Using Steel Fiber Reinforced Cementitious Composite (SF RCC) in Shallow Embedded Column Base. , 2011, , .		0
31	DEVELOPMENT OF STEEL BEAM-TO-COLUMN CONNECTIONS USING SF RCC FLOOR SLABS AS EXTERIOR DIAPHRAGMS. Journal of Structural and Construction Engineering, 2010, 75, 1369-1376.	0.2	2
32	Hysteretic Behavior and Strength Capacity of Shallowly Embedded Steel Column Bases. Journal of Structural Engineering, 2009, 135, 1231-1238.	1.7	22
33	TEST ON EXTERIOR COLUMN BASES AND STRENGTH AND STIFFNESS EVALUATION. Journal of Structural and Construction Engineering, 2009, 74, 129-137.	0.2	0