Vui Cao

List of Publications by Year
in descending order

21 papers	233 citations	1040056 9 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	119 citing authors

#	Article	IF	Citations
1	Experimental behavior of fire-exposed reinforced concrete slabs without and with FRP retrofitting. Journal of Building Engineering, 2022, 51, 104315.	3.4	6
2	Flexural Performance of Postfire Reinforced Concrete Beams: Experiments and Theoretical Analysis. Journal of Performance of Constructed Facilities, 2022, 36, .	2.0	1
3	Circular concrete filled thin-walled steel tubes under pure torsion: Experiments. Thin-Walled Structures, 2021, 164, 107874.	5.3	15
4	Numerical Study of Circular Concrete Filled Steel Tubes Subjected to Pure Torsion. Buildings, 2021, 11, 397.	3.1	10
5	External GFRP confinement to decrease near-fault earthquake damage of reinforced concrete structures considering soil-structure interaction. Structures, 2021, 34, 2318-2339.	3.6	0
6	Experimental behaviour of concrete-filled steel tubes under cyclic axial compression. Advances in Structural Engineering, 2020, 23, 74-88.	2.4	11
7	Damage-Based Seismic Retrofitting Approach for Nonductile Reinforced Concrete Structures Using FRP Composite Wraps. Advances in Civil Engineering, 2020, 2020, 1-21.	0.7	1
8	FRP Composite in Mitigating Seismic Risk of RC Structures in Near-Fault Regions with/without Aftershocks. Advances in Civil Engineering, 2020, 2020, 1-17.	0.7	0
9	Effects of Aftershocks on the Potential Damage of FRP-Retrofitted Reinforced Concrete Structures. International Journal of Civil Engineering, 2020, 18, 1247-1265.	2.0	4
10	Effects of CFRP/GFRP flexural retrofitting on reducing seismic damage of reinforced concrete frames: a comparative study. Asian Journal of Civil Engineering, 2019, 20, 1071-1087.	1.6	7
11	Comparison of CFRP and GFRP Wraps on Reducing Seismic Damage of Deficient Reinforced Concrete Structures. International Journal of Civil Engineering, 2019, 17, 1667-1681.	2.0	15
12	Characterization of Near-Fault Effects on Potential Cumulative Damage of Reinforced Concrete Bridge Piers. International Journal of Civil Engineering, 2019, 17, 1603-1618.	2.0	9
13	Experimental Behaviour of Recycled Aggregate Concrete-Filled Steel Tubes Under Axial Loading. International Journal of Civil Engineering, 2019, 17, 1341-1351.	2.0	16
14	A new damage index for reinforced concrete structures. Earthquake and Structures, 2014, 6, 581-609.	1.0	35
15	Correlation between parameters of pulse-type motions and damage of low-rise RC frames. Earthquake and Structures, 2014, 7, 365-384.	1.0	13
16	Reducing the potential seismic damage of reinforced concrete frames using plastic hinge relocation by FRP. Composites Part B: Engineering, 2014, 60, 688-696.	12.0	6
17	Correlation between seismic parameters of far-fault motions and damage indices of low-rise reinforced concrete frames. Soil Dynamics and Earthquake Engineering, 2014, 66, 102-112.	3.8	56
18	Reducing the seismic damage of reinforced concrete frames using FRP confinement. Composite Structures, 2014, 118, 403-415.	5.8	19

#	Article	IF	Citations
19	Seismic risk assessment of deficient reinforced concrete frames in near-fault regions. Advances in Concrete Construction, 2014, 2, 261-280.	0.4	5
20	A model for damage analysis of concrete. Advances in Concrete Construction, 2013, 1, 187-200.	0.4	4
21	Damage assessment of a deficient reinforced concrete frame subjected to different seismic levels. , 2013, , .		0