

Vui Cao

List of Publications by Year in descending order

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Version: 2024-02-01

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	Correlation between seismic parameters of far-fault motions and damage indices of low-rise reinforced concrete frames. <i>Soil Dynamics and Earthquake Engineering</i> , 2014, 66, 102-112.	3.8	56
2	A new damage index for reinforced concrete structures. <i>Earthquake and Structures</i> , 2014, 6, 581-609.	1.0	35
3	Reducing the seismic damage of reinforced concrete frames using FRP confinement. <i>Composite Structures</i> , 2014, 118, 403-415.	5.8	19
4	Experimental Behaviour of Recycled Aggregate Concrete-Filled Steel Tubes Under Axial Loading. <i>International Journal of Civil Engineering</i> , 2019, 17, 1341-1351.	2.0	16
5	Comparison of CFRP and GFRP Wraps on Reducing Seismic Damage of Deficient Reinforced Concrete Structures. <i>International Journal of Civil Engineering</i> , 2019, 17, 1667-1681.	2.0	15
6	Circular concrete filled thin-walled steel tubes under pure torsion: Experiments. <i>Thin-Walled Structures</i> , 2021, 164, 107874.	5.3	15
7	Correlation between parameters of pulse-type motions and damage of low-rise RC frames. <i>Earthquake and Structures</i> , 2014, 7, 365-384.	1.0	13
8	Experimental behaviour of concrete-filled steel tubes under cyclic axial compression. <i>Advances in Structural Engineering</i> , 2020, 23, 74-88.	2.4	11
9	Numerical Study of Circular Concrete Filled Steel Tubes Subjected to Pure Torsion. <i>Buildings</i> , 2021, 11, 397.	3.1	10
10	Characterization of Near-Fault Effects on Potential Cumulative Damage of Reinforced Concrete Bridge Piers. <i>International Journal of Civil Engineering</i> , 2019, 17, 1603-1618.	2.0	9
11	Effects of CFRP/GFRP flexural retrofitting on reducing seismic damage of reinforced concrete frames: a comparative study. <i>Asian Journal of Civil Engineering</i> , 2019, 20, 1071-1087.	1.6	7
12	Reducing the potential seismic damage of reinforced concrete frames using plastic hinge relocation by FRP. <i>Composites Part B: Engineering</i> , 2014, 60, 688-696.	12.0	6
13	Experimental behavior of fire-exposed reinforced concrete slabs without and with FRP retrofitting. <i>Journal of Building Engineering</i> , 2022, 51, 104315.	3.4	6
14	Seismic risk assessment of deficient reinforced concrete frames in near-fault regions. <i>Advances in Concrete Construction</i> , 2014, 2, 261-280.	0.4	5
15	Effects of Aftershocks on the Potential Damage of FRP-Retrofitted Reinforced Concrete Structures. <i>International Journal of Civil Engineering</i> , 2020, 18, 1247-1265.	2.0	4
16	A model for damage analysis of concrete. <i>Advances in Concrete Construction</i> , 2013, 1, 187-200.	0.4	4
17	Damage-Based Seismic Retrofitting Approach for Nonductile Reinforced Concrete Structures Using FRP Composite Wraps. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-21.	0.7	1
18	Flexural Performance of Postfire Reinforced Concrete Beams: Experiments and Theoretical Analysis. <i>Journal of Performance of Constructed Facilities</i> , 2022, 36, .	2.0	1

#	ARTICLE	IF	CITATIONS
19	FRP Composite in Mitigating Seismic Risk of RC Structures in Near-Fault Regions with/without Aftershocks. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-17.	0.7	0
20	External GFRP confinement to decrease near-fault earthquake damage of reinforced concrete structures considering soil-structure interaction. <i>Structures</i> , 2021, 34, 2318-2339.	3.6	0
21	Damage assessment of a deficient reinforced concrete frame subjected to different seismic levels. , 2013, , .		0