

Zhong-Kui Cai

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

214
citations

1306789

7
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental testing and modeling of precast segmental bridge columns with hybrid normal- and high-strength steel rebars. <i>Construction and Building Materials</i> , 2018, 166, 945-955.	3.2	45
2	Experimental investigation on the seismic performance of GFRP-wrapped thin-walled steel tube confined RC columns. <i>Engineering Structures</i> , 2016, 110, 269-280.	2.6	38
3	Full-scale seismic testing of concrete building columns reinforced with both steel and CFRP bars. <i>Composite Structures</i> , 2017, 178, 195-209.	3.1	37
4	Seismic behavior of precast segmental bridge columns reinforced with hybrid FRP-steel bars. <i>Engineering Structures</i> , 2021, 228, 111484.	2.6	27
5	Life-cycle seismic performance assessment of aging RC bridges considering multi-failure modes of bridge columns. <i>Engineering Structures</i> , 2021, 244, 112818.	2.6	27
6	Cyclic Load Tests on Precast Segmental Bridge Columns with Both Steel and Basalt FRP Reinforcement. <i>Journal of Composites for Construction</i> , 2019, 23, .	1.7	22
7	Influencing factors of residual drifts of precast segmental bridge columns with energy dissipation bars. <i>Advances in Structural Engineering</i> , 2019, 22, 126-140.	1.2	17
8	Rapid determination method of the seismic failure modes of coastal bridge columns in the whole life cycle. <i>Structures</i> , 2020, 28, 943-955.	1.7	1