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Shake Table Studies and Analysis of a Two-Span RC Bridge Model Subjected to a Fault Rupture

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#	Paper	IF	Citations
41	Optimal Design and Hybrid Control for the Electro-Hydraulic Dual-Shaking Table System. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 220	2.6	8
40	Enhancing Shear Strength of Capbeam-Column Joints in Existing Multicolumn Bent Bridges Using an Innovative Method. <i>Journal of Bridge Engineering</i> , 2016 , 21, 04016086	2.7	3
39	Robust Tracking and Synchronization of Double Shaking Tables Based on Adaptive Sliding Mode Control With Novel Reaching Law. <i>IEEE Access</i> , 2016 , 4, 8686-8702	3.5	13
38	Maximum credible damage of RC bridge pier under bi-directional seismic excitation for all incidence angles. <i>Engineering Structures</i> , 2017 , 152, 251-273	4.7	11
37	Seismic damage evaluation of high-speed railway bridge components under different intensities of earthquake excitations. <i>Engineering Structures</i> , 2017 , 152, 116-128	4.7	27
36	Bridges crossing fault rupture zones: A review. <i>Soil Dynamics and Earthquake Engineering</i> , 2018 , 113, 545-571	3.5	21
35	A new baseline correction method for near-fault strong-motion records based on the target final displacement. <i>Soil Dynamics and Earthquake Engineering</i> , 2018 , 114, 27-37	3.5	16
34	Shake Table Tests of Tall-Pier Bridges to Evaluate Seismic Performance. <i>Journal of Bridge Engineering</i> , 2018 , 23, 04018058	2.7	35
33	The shear pin strength of friction pendulum bearings (FPB) in simply supported railway bridges. <i>Bulletin of Earthquake Engineering</i> , 2019 , 17, 6109-6139	3.7	12
32	Evaluation of pile-soil-structure interaction effects on the seismic responses of a super long-span cable-stayed bridge in the transverse direction: A shaking table investigation. <i>Soil Dynamics and Earthquake Engineering</i> , 2019 , 125, 105755	3.5	12
31	Experimental and numerical study on isolated simply-supported bridges subjected to a fault rupture. <i>Soil Dynamics and Earthquake Engineering</i> , 2019 , 127, 105819	3.5	12
30	Seismic Responses and Collapse of a RC Pedestrian Cable-Stayed Bridge: Shake Table Tests. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950067	1.9	10
29	Antecedents and outcomes of flow experience of MOOC users. <i>Journal of International Education in Business</i> , 2019 , 13, 1-19	0.9	5
28	Earthquake response of continuous girder bridge for high-speed railway: A shaking table test study. <i>Engineering Structures</i> , 2019 , 180, 249-263	4.7	19
27	Experimental Study on Seismically Resilient Two-Span Bridge Models Designed for Disassembly. <i>Journal of Earthquake Engineering</i> , 2019 , 23, 72-111	1.8	10
26	Experimental and numerical studies of the seismic behavior of a steel-concrete composite rigid-frame bridge subjected to the surface rupture at a thrust fault. <i>Engineering Structures</i> , 2020 , 205, 110105	4.7	11
25	Effects of fault rupture on seismic responses of fault-crossing simply-supported highway bridges. <i>Engineering Structures</i> , 2020 , 206, 110104	4.7	13

24	Numerical study of the seismic performance and damage mitigation of steel-concrete composite rigid-frame bridge subjected to across-fault ground motions. <i>Bulletin of Earthquake Engineering</i> , 2020 , 18, 6687-6714	3.7	6
23	Impact of pulse parameters on the seismic response of long-period bridges. <i>Structure and Infrastructure Engineering</i> , 2020 , 16, 1461-1480	2.9	6
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19	Preliminary numerical study on seismic response of ordinary long-span suspension bridges crossing active faults. <i>Advances in Bridge Engineering</i> , 2021 , 2,	1.1	1
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- 5 Seismic Responses and Damage Control of Long-Span Continuous Rigid-Frame Bridges Considering the Longitudinal Pounding Effect under Strong Ground Motions. **2023**, 28, ○
- 4 Seismic response characteristics and whiplash effect mechanism of continuous rigid-frame bridges subjected to near-fault ground motions. ○
- 3 Seismic performance improvement of continuous rigid-frame bridges with hybrid control system under near-fault ground motions. **2023**, 168, 107858 ○
- 2 Shaking table test of a new special-shaped arch bridge. **2023**, 286, 116075 ○
- 1 Seismic response characteristics and whiplash effect mechanism of continuous rigid-frame bridges subjected to near-fault ground motions. ○