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## Shake-Table Studies of a Four-Span Reinforced Concrete Bridge

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#	Paper	IF	Citations
41	Experimental investigation of inelastic bridge response under spatially varying excitations with pounding. <i>Engineering Structures</i> , <b>2014</b> , 79, 106-116	4.7	19
40	Advanced materials for control of post-earthquake damage in bridges. <i>Smart Materials and Structures</i> , <b>2015</b> , 24, 025035	3.4	27
39	Field Tests on Total Gap of Modular Expansion Joints to Avoid Bridge Pounding. <i>Frontiers in Built Environment</i> , <b>2016</b> , 2,	2.2	2
38	Collapse Failure of Prestressed Concrete Continuous Rigid-Frame Bridge under Strong Earthquake Excitation: Testing and Simulation. <i>Journal of Bridge Engineering</i> , <b>2016</b> , 21, 04016047	2.7	18
37	Nonsmooth dynamics prediction of measured bridge response involving deck-abutment pounding. <i>Earthquake Engineering and Structural Dynamics</i> , <b>2017</b> , 46, 1431-1452	4	12
36	Experimental response of an existing RC bridge with smooth bars and preliminary numerical simulations. <i>Engineering Structures</i> , <b>2017</b> , 136, 355-368	4.7	17
35	Ultimate Behavior of Steel and CFT Piers in Two-Span Continuous Elevated-Girder Bridge Models Tested by Shake-Table Excitations. <i>Journal of Bridge Engineering</i> , <b>2017</b> , 22, 04017001	2.7	6
34	Comparative evaluation of two simulation approaches of deck-abutment pounding in bridges. <i>Engineering Structures</i> , <b>2017</b> , 148, 541-551	4.7	5
33	Seismic response of pile groups supporting long-span cable-stayed bridge subjected to multi-support excitations. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2017</b> , 101, 182-203	3.5	15
32	Experimental study on Y-shaped bridge under 3-dimensional earthquake ground motions. <i>KSCE Journal of Civil Engineering</i> , <b>2017</b> , 21, 2329-2337	1.9	3
31	Transverse Seismic Behavior Studies of a Medium Span Cable-Stayed Bridge Model with Two Concrete Towers. <i>Journal of Earthquake Engineering</i> , <b>2017</b> , 21, 151-168	1.8	24
30	Shake Table Studies and Analysis of a PT-UHPC Bridge Column with Pocket Connection. <i>Journal of Structural Engineering</i> , <b>2018</b> , 144, 04018021	3	34
29	Mitigation of the seismic response of multi-span bridges using MR dampers: Experimental study of a new SMC-based controller. <i>JVC/Journal of Vibration and Control</i> , <b>2018</b> , 24, 83-99	2	10
28	Sensors Used in Structural Health Monitoring. <i>Archives of Computational Methods in Engineering</i> , <b>2018</b> , 25, 901-918	7.8	26
27	Numerical Study of the Seismic Responses of Precast Segmental Column Bridge under Spatially Varying Ground Motions. <i>Journal of Bridge Engineering</i> , <b>2018</b> , 23, 04018096	2.7	7
26	Structural Performance of a Hybrid Girder Cable-Stayed Bridge during Rotation Construction. <i>Journal of Steel Structures &amp; Construction</i> , <b>2018</b> , 04,		
25	Experimental research on adjacent pounding effect of midspan curved bridge with longitudinal slope. <i>Engineering Structures</i> , <b>2019</b> , 196, 109320	4.7	7

24	Seismic performances of precast segmental column under bidirectional earthquake motions: Shake table test and numerical evaluation. <i>Engineering Structures</i> , <b>2019</b> , 187, 314-328	4.7	29
23	Skew Adjustment Factors for Fragilities of California Box-Girder Bridges Subjected to near-Fault and Far-Field Ground Motions. <i>Journal of Bridge Engineering</i> , <b>2019</b> , 24, 04018109	2.7	12
22	Experimental Study on Seismically Resilient Two-Span Bridge Models Designed for Disassembly. <i>Journal of Earthquake Engineering</i> , <b>2019</b> , 23, 72-111	1.8	10
21	Shake table tests of highway bridges installed with unbonded steel mesh reinforced rubber bearings. <i>Engineering Structures</i> , <b>2020</b> , 206, 110124	4.7	5
20	Utilizing yielding steel dampers to mitigate transverse seismic irregularity of a multispan continuous bridge with unequal height piers. <i>Engineering Structures</i> , <b>2020</b> , 205, 110056	4.7	5
19	Seismic performance of railway rounded rectangular hollow tall piers using the shaking table test. <i>Engineering Structures</i> , <b>2020</b> , 220, 110968	4.7	8
18	Seismic performance of highway bridges considering sacrificial abutment: a case study in Afghanistan. <i>Innovative Infrastructure Solutions</i> , <b>2020</b> , 5, 1	2.3	1
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1	Effects of Pounding and Abutment Behavior on Seismic Response of Multi-Span Bridge Considering Abutment-Soil-Foundation-Structure Interactions. <b>2023</b> , 13, 260		1