## CITATION REPORT List of articles citing

Pile group response to liquefaction-induced lateral spreading: E-Defense large shake table test

DOI: 10.1016/j.soildyn.2013.04.007 Soil Dynamics and Earthquake Engineering, 2013, 51, 35-46.

Source: https://exaly.com/paper-pdf/55270775/citation-report.pdf

Version: 2024-04-19

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#	Paper	IF	Citations
70	Response of a pile group behind quay wall to liquefaction-induced lateral spreading: a shake-table investigation. <i>Earthquake Engineering and Engineering Vibration</i> , <b>2014</b> , 13, 741-749	2	13
69	THE DYNAMIC BEHAVIOR OF A STEEL PIPE SHEET PILE FOUNDATION IN A LIQUEFIED LAYER DURING AN EARTHQUAKE. <i>Journal of Japan Society of Civil Engineers</i> , <b>2014</b> , 2, 116-135	0.3	
68	Response of a RC pile behind quay wall to liquefaction-induced lateral spreading: A shake-table investigation. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2015</b> , 76, 69-79	3.5	15
67	Seismic response of embankment slopes with different reinforcing measures in shaking table tests. <i>Natural Hazards</i> , <b>2015</b> , 76, 791-810	3	44
66	Geo-China 2016. <b>2016</b> ,		2
65	Shaking Table Investigation on the Seismic Failure Mode of PHC Pipe-Piles Considering Liquefaction. <b>2016</b> ,		1
64	Experimental Study on the Dynamic Response of PHC Pipe-Piles in Liquefiable Soil. 2016,		1
63	Pile response to liquefaction-induced lateral spreading: a shake-table investigation. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2016</b> , 82, 196-204	3.5	34
62	Lateral spreading near deep foundations and influence of soil permeability. <i>Canadian Geotechnical Journal</i> , <b>2017</b> , 54, 846-861	3.2	9
61	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
60	Finite element modeling of soil-pile response subjected to liquefaction-induced lateral spreading in a large-scale shake table experiment. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2017</b> , 92, 573-584	3.5	24
59	A critical review: State of knowledge in seismic behaviour of helical piles. <i>DFI Journal</i> , <b>2017</b> , 11, 39-87		8
58	Performance of X-shaped and circular pile-improved ground subject to liquefaction-induced lateral spreading. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2018</b> , 109, 273-281	3.5	10
57	Impact of Ground Response Analysis on Seismic Behavior and Design of Piles in Kolkata City. <b>2018</b> , 48, 459-473		6
56	Experimental Assessment on Seismic Failure Modes of Bridges in Liquefiable Ground with or without Overburden Crust. <b>2018</b> ,		
55	Soil-Pile-Quay Wall System with Liquefaction-Induced Lateral Spreading: Experimental Investigation, Numerical Simulation, and Global Sensitivity Analysis. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2018</b> , 144, 04018087	3.4	16
54	Centrifuge shaking table tests on 4	4.9	27

## (2021-2019)

53	Response of pile groups with X and circular cross-sections subject to lateral spreading: 3D numerical simulations. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2019</b> , 126, 105774	3.5	5
52	Pile and Pile-Group Response to Liquefaction-Induced Lateral Spreading in Four Large-Scale Shake-Table Experiments. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2019</b> , 145, 04019080	3.4	31
51	A review and analysis of granular shear experiments under low effective stress conditions. <i>Granular Matter</i> , <b>2019</b> , 21, 1	2.6	3
50	Shake-table investigation of scoured RC pile-group-supported bridges in liquefiable and nonliquefiable soils. <i>Earthquake Engineering and Structural Dynamics</i> , <b>2019</b> , 48, 1217-1237	4	30
49	Large Scale Liquefaction-Induced Lateral Spreading Shake Table Testing at the University of California San Diego. <b>2019</b> ,		1
48	Transverse response of pile group foundations supporting a long-span cable-stayed bridge under uniform and nonuniform excitation. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2019</b> , 121, 57-74	3.5	7
47	Comparison on seismic response of rectangular closed diaphragm wall and pile group in sloping liquefiable deposit. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 371, 022024	0.3	
46	Dynamic response of soilpilestructure system subjected to lateral spreading: shaking table test and parallel finite element simulation. <i>Canadian Geotechnical Journal</i> , <b>2020</b> , 57, 497-517	3.2	5
45	Large-Scale Liquefaction and Postliquefaction Shake Table Testing. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2020</b> , 146, 04020138	3.4	1
44	Response of a scale-model pile group for a jacket foundation of an offshore wind turbine in liquefiable ground during shaking table tests. <i>Earthquake Engineering and Structural Dynamics</i> , <b>2020</b> , 49, 1682-1701	4	11
43	A Comparison of Simplified Modelling Approaches for Performance Assessment of Piles Subjected to Lateral Spreading of Liquefied Ground. <i>Geofluids</i> , <b>2020</b> , 2020, 1-16	1.5	1
42	Shaking Table Tests on Seismic Responses of Pile-soil-superstructure in Coral Sand. <i>Journal of Earthquake Engineering</i> , <b>2020</b> , 1-27	1.8	4
41	Performance of piles with different batter angles in laterally spreading soil: a probabilistic investigation. <i>Bulletin of Earthquake Engineering</i> , <b>2020</b> , 18, 6203-6244	3.7	1
40	Chemically induced changes in the geotechnical response of cementing paste backfill in shaking table test. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , <b>2020</b> ,	5.3	4
39	Seismic Behavior of Pile-Group-Supported Bridges in Liquefiable Soils with Crusts Subjected to Potential Scour: Insights from Shake-Table Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2020</b> , 146, 04020030	3.4	18
38	Centrifuge modeling of batter pile foundations in laterally spreading soil. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2020</b> , 135, 106166	3.5	10
37	Asymmetric input motion for accumulation of lateral ground deformation in laminar container shake table testing. <i>Canadian Geotechnical Journal</i> , <b>2021</b> , 58, 210-223	3.2	
36	Large-Scale Shake Table Tests on a Shallow Foundation in Liquefiable Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2021</b> , 147, 04020152	3.4	3

35	Performance of sheet pile as a seismic retrofit for old piled abutment subjected to liquefaction-induced lateral spreading. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 141, 106507	3.5	2
34	E-Defense shaking test and pushover analyses for lateral pile behavior in a group considering soil deformation in vicinity of piles. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 142, 106529	3.5	2
33	Seismic behavior of a dolphin-type berth subjected to liquefaction induced lateral spreading: 1g large scale shake table testing and numerical simulations. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 140, 106450	3.5	3
32	Evaluation on influences of inertial mass on seismic responses and structure-soil interactions of pile-soil-piers. <i>Bulletin of Earthquake Engineering</i> , <b>2021</b> , 19, 3523-3550	3.7	
31	The Dynamic Behaviour of Pile Foundations in Seismically Liquefiable Soils: Failure Mechanisms, Analysis, Re-Qualification.		
30	Dynamic response of the saturated soilEeinforced concrete pileEuperstructure interaction under repeated shaking. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 145, 106685	3.5	1
29	Temperature induced changes in the behaviour of cementing fine-grained soils under dynamic loadings. <i>Geomechanics and Geoengineering</i> , 1-19	1.4	0
28	An experimental evaluation of helical piles as a liquefaction-induced building settlement mitigation measure. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 151, 106994	3.5	1
27	Estimation of bending moment and pile displacement for soil-pile-quay wall system subjected to liquefaction induced lateral spreading. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 151, 106989	3.5	1
26	Investigation of liquefaction-induced lateral load on pile group behind quay wall. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2017</b> , 102, 56-64	3.5	12
25	Dynamic analyses and field observations on piles in Kolkata city. <i>Geomechanics and Engineering</i> , <b>2015</b> , 8, 415-440		9
24	Large Soil Confinement Box for Seismic Performance Testing of Geo-Structures. <i>Geotechnical Testing Journal</i> , <b>2014</b> , 38, 20140034	1.3	2
23	Experimental Study on the Dynamic Response of PHC Pipe-Piles in Liquefiable Soil. <i>Journal of Testing and Evaluation</i> , <b>2017</b> , 45, 20160122	1	10
22	Assessment of SSI effects on stiffness of single and grouped helical piles in dry sand from large shake table tests. <i>Bulletin of Earthquake Engineering</i> , 1	3.7	1
21	Reliability Analysis of Single Pile in Lateral Spreading Ground: A Three-Dimensional Investigation. Lecture Notes in Civil Engineering, <b>2021</b> , 383-398	0.3	
20	Influence of the sloping ground conditions and the subsequent shaking events on the pile group response subjected to kinematic interactions for a liquefiable sloping ground. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2022</b> , 152, 107036	3.5	3
19	Liquefaction-induced lateral load on pile group of wharf system in a sloping stratum: A centrifuge shake-table investigation. <i>Ocean Engineering</i> , <b>2021</b> , 242, 110119	3.9	2
18	Influences on Liquefaction-Induced Damage of Pore Water Seepage into an Unsaturated Surface Layer. <i>Journal of Disaster Research</i> , <b>2020</b> , 15, 754-764	0.8	

## CITATION REPORT

17	A review on design aspects and behavioral studies of pile foundations in liquefiable soil. <i>Geomechanics and Geoengineering</i> , 1-33	1.4	1
16	Experimental investigation of transient bending moment of piles during seismic liquefaction. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2022</b> , 157, 107251	3.5	О
15	A 1D-modelling approach for simulating the soil-pile interaction mechanism in the liquefiable ground. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2022</b> , 158, 107285	3.5	
14	Prediction of Pile Response in Lateral Spreading Soil Using Multigene Genetic Programming. <i>International Journal of Geomechanics</i> , <b>2022</b> , 22,	3.1	
13	Behaviour of Backfill Undergoing Cementation Under Cyclic Loading. <i>Geotechnical and Geological Engineering</i> ,	1.5	O
12	Dynamic Response of a Four-Pile Group Foundation in Liquefiable Soil Considering Nonlinear Soil-Pile Interaction. <b>2022</b> , 10, 1026		O
11	Seismic evaluation of frictional FRP piles in saturated sands using shaking table tests. <b>2022</b> , 163, 107545	;	1
10	EFFECTS OF SOIL SPATIAL VARIABILITY ON DYNAMIC BEHAVIOR OF SHEET-PILE SUPPORTED GROUND. <b>2022</b> , 78, I_334-I_343		O
9	Investigation of Lateral Displacement Mechanism in Layered and Uniform Soil Models Subjected to Liquefaction-Induced Lateral Spreading. <b>2022</b> , 1692-1699		0
8	Influence of the soil liquefaction on dynamic characteristics of a base-isolated structure investigated by the experimental method.		O
7	Response of soilpileBuperstructurequay wall system to lateral displacement under horizontal and vertical earthquake excitations.		0
6	Seismic Behavior and Failure Mechanism of Pile-Group in Mildly Sloping Liquefiable Soils with Crusts: Large-Scale Shaking Table Experiment. 1-28		O
5	Effects of Earthquake-Induced Liquefaction on a Group of Piles in a Level Ground with Sloping Base Layer: a Physical Modeling.		О
4	Centrifuge testing of nonlinear soilpile response using 1:50 scale reinforced concrete pile models. 1-44		Ο
3	Performance of finned piles as a protection for a 2*2 group pile subjected to liquefaction-induced lateral spreading: A shake table investigation. <b>2023</b> , 170, 107915		О
2	Effects of physical modeling boundary conditions on the responses of 3		О
1	Effects of non-liquefiable crust layer and superstructure mass on the response of $2\mathbb{Z}$ pile groups to liquefaction-induced lateral spreading. <b>2023</b> ,		0