

Tam J Larkin

List of Publications by Year in descending order

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papers

562
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594426

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docs citations

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times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the behavior of the interface zone between an asphalt mixture and an inductive power transfer pad. <i>Construction and Building Materials</i> , 2024, 411, 134038.	7.6	4
2	Influence of Excess Pore-pressure on the Seismic Response of Single and Closely Adjacent Structures on Saturated Sand. <i>Journal of Earthquake Engineering</i> , 2022, 26, 8280-8304.	2.8	4
3	Lid induced sloshing suppression and evaluation of wall stresses in a liquid storage tank including seismic soil-structure interaction. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 2708-2729.	4.7	10
4	Experimental Study of the Effect of Proximity between Adjacent Buildings on their Dynamic Response. <i>International Journal of Structural Stability and Dynamics</i> , 2021, 21, 2150048.	3.2	6
5	Dynamic response of stand-alone and adjacent footing on saturated sand. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 143, 106584.	4.3	9
6	Evaluation of the adequacy of a spring-mass model in analyses of liquid sloshing in anchored storage tanks. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 3916-3935.	4.7	17
7	Experimental study of the seismic response of a structure set amongst closely adjacent structures. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 3771-3791.	4.7	12
8	Impact of the excitation frequencies on wall stresses in a storage tank. <i>Engineering Structures</i> , 2021, 244, 112775.	5.7	6
9	Shake table investigation of nonlinear soil-structure-fluid interaction of a thin-walled storage tank under earthquake load. <i>Thin-Walled Structures</i> , 2021, 167, 108143.	5.9	26
10	Influence of shallow footings on the dynamic response of saturated sand with low confining pressure. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 128, 105872.	4.3	10
11	Experimental findings of the suppression of rotary sloshing on the dynamic response of a liquid storage tank. <i>Journal of Fluids and Structures</i> , 2020, 96, 103007.	3.2	26
12	Analyzing the Application of Different Sources of Recycled Concrete Aggregate for Road Construction. <i>Transportation Research Record</i> , 2020, 2674, 300-308.	2.0	6
13	Leachability of endocrine disrupting chemicals (EDCs) in municipal sewage sludge: Effects of EDCs interaction with dissolved organic matter. <i>Science of the Total Environment</i> , 2020, 742, 140366.	8.4	9
14	Factors determining the optimum moisture content (OMC) of greywacke aggregates from northern New Zealand. <i>Transportation Geotechnics</i> , 2019, 19, 35-43.	4.8	0
15	Experimental study of the effect of a flexible base on the seismic response of a liquid storage tank. <i>Thin-Walled Structures</i> , 2019, 139, 334-346.	5.9	38
16	Amendment of municipal sewage sludge with lime and mussel shell: Effects on fate of organic matter and pharmaceutically active compounds. <i>Waste Management</i> , 2019, 85, 272-282.	7.4	9
17	A continuous map of near-surface S-wave attenuation in New Zealand. <i>Geophysical Journal International</i> , 2018, 213, 408-425.	2.6	10
18	Mobility of pharmaceutical and personal care products in lime amended wastewater biosolids. <i>Science of the Total Environment</i> , 2018, 624, 1263-1273.	8.4	23

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19	On Durations, Peak Factors, and Nonstationarity Corrections in Seismic Hazard Applications of Random Vibration Theory. Bulletin of the Seismological Society of America, 2018, 108, 418-436.	2.8	8
20	Experimental assessment of contact forces on a rigid base following footing uplift. Earthquake Engineering and Structural Dynamics, 2017, 46, 1835-1854.	4.7	27
21	Permanent Strain Behavior of Marginal Granular Material. Transportation Research Record, 2017, 2655, 54-63.	2.0	8
22	Influence of base plate bending stiffness on the seismic performance of liquid storage tanks. Procedia Engineering, 2017, 199, 170-175.	1.8	3
23	Vibratory Compaction of Base Course Aggregates. Transportation Research Record, 2017, 2655, 45-53.	2.0	1
24	Impact of Vertical Ground Excitation on a Bridge with Footing Uplift. Journal of Earthquake Engineering, 2016, 20, 1035-1053.	2.8	21
25	NUMERICAL ANALYSES OF THE INFLUENCE OF STRUCTURAL SLENDERNESS ON THE SEISMIC RESPONSE OF SINGLE AND CLUSTERED STRUCTURES. , 2016, , 5817-5825.		0
26	EFFECT OF HIGHER MODES ON STRUCTURAL RESPONSE WITH NONLINEAR SOIL-FOUNDATION-STRUCTURE INTERACTION. , 2016, , 5826-5833.		0
27	The effect of seismic uplift on the shell stresses of liquid storage tanks. Earthquake Engineering and Structural Dynamics, 2015, 44, 1979-1996.	4.7	40
28	Experimental study of slip-friction connectors for controlling the maximum seismic demand on a liquid storage tank. Engineering Structures, 2015, 103, 134-146.	5.7	14
29	Evaluation of seismic ground motion scaling procedures for linear time-history analysis of liquid storage tanks. Engineering Structures, 2015, 102, 266-277.	5.7	15
30	Amendment of biosolids with waste materials and lime: Effect on geoenvironmental properties and leachate production. Waste Management, 2015, 46, 165-175.	7.4	7
31	Discussion on "relaxation method for pounding action between adjacent buildings at expansion joint" by H. Takabatake, M. Yasui, Y. Nakagawa and A. Kishida. Earthquake Engineering and Structural Dynamics, 2015, 44, 159-162.	4.7	1
32	Hard-Site Δ_0 (κ) Calculations for Christchurch, New Zealand, and Comparison with Local Ground-Motion Prediction Models. Bulletin of the Seismological Society of America, 2014, 104, 1899-1913.	2.8	43
33	Influence of mass and contact surface on pounding response of RC structures. Earthquake and Structures, 2014, 7, 385-400.	1.5	10
34	Determination of site period for NZS1170.5:2004. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 28-40.	0.6	2
35	Re: Paper by Dhakal, Lin, Loye and Evans "Seismic design spectra for different soil classes" in NZSEE Bulletin Volume 46, No. 2, June 2013, pp 79-87.. Bulletin of the New Zealand Society for Earthquake Engineering, 2013, 46, 222-223.	0.6	1
36	Influence of uplift on liquid storage tanks during earthquakes. Coupled Systems Mechanics, 2012, 1, 311-324.	0.1	14

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37	Comparison between standards for seismic design of liquid storage tanks with respect to soil-foundation-structure interaction and uplift. Bulletin of the New Zealand Society for Earthquake Engineering, 2012, 45, 40-46.	0.6	10
38	Reference stations for Christchurch. Bulletin of the New Zealand Society for Earthquake Engineering, 2012, 45, 184-195.	0.6	11
39	Seismic Response of Liquid Storage Tanks Incorporating Soil Structure Interaction. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 1804-1814.	3.9	37
40	Reliability of Shallow Foundations Subjected to Multidirectional Seismic Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2006, 132, 685-693.	3.9	3
41	THE SHEAR STRENGTH AND DYNAMIC SHEAR STIFFNESS OF SOME NEW ZEALAND VOLCANIC ASH SOILS. Soils and Foundations, 2005, 45, 9-20.	1.1	9
42	Retrofit of seismically isolated structures for near-field ground motion using additional viscous damping. Bulletin of the New Zealand Society for Earthquake Engineering, 2005, 38, 106-118.	0.6	2
43	The dynamic properties of a pumiceous sand. Bulletin of the New Zealand Society for Earthquake Engineering, 1998, 31, 86-102.	0.6	9
44	Dynamic Response of Laterally Excited Pile Groups. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1997, 123, 1-8.	3.9	40
45	Two dimensional nonlinear site response analyses. Bulletin of the New Zealand Society for Earthquake Engineering, 1992, 25, 222-229.	0.6	1
46	Discussion of "Earthquake Deformation of Centrifuge Model Banks" by Bruce L. Kutter (December, 1984, Vol. 110, No. 12). Journal of Geotechnical Engineering, 1987, 113, 70-71.	0.5	0