

Lijun Deng

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

692
citations

623188

14
h-index

580395

25
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30
all docs

30
docs citations

30
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Field investigation on the performance of building structures during the April 25, 2015, Gorkha earthquake in Nepal. <i>Engineering Structures</i> , 2016, 121, 61-74.	2.6	104
2	Centrifuge Modeling of Bridge Systems Designed for Rocking Foundations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 335-344.	1.5	103
3	Characterization of rocking shallow foundations using centrifuge model tests. <i>Earthquake Engineering and Structural Dynamics</i> , 2012, 41, 1043-1060.	2.5	83
4	Seismic Design of Rocking Shallow Foundations: Displacement-Based Methodology. <i>Journal of Bridge Engineering</i> , 2014, 19, .	1.4	46
5	Axial load tests and numerical modeling of single-helix piles in cohesive and cohesionless soils. <i>Acta Geotechnica</i> , 2019, 14, 461-475.	2.9	41
6	Field behaviour of screw micropiles subjected to axial loading in cohesive soils. <i>Canadian Geotechnical Journal</i> , 2018, 55, 34-44.	1.4	32
7	Mature fine tailings consolidation through microbial induced calcium carbonate precipitation. <i>Canadian Journal of Civil Engineering</i> , 2015, 42, 975-978.	0.7	30
8	Axial load testing of helical pile groups in glaciolacustrine clay. <i>Canadian Geotechnical Journal</i> , 2019, 56, 187-197.	1.4	29
9	Database of rocking shallow foundation performance: Dynamic shaking. <i>Earthquake Spectra</i> , 2020, 36, 960-982.	1.6	24
10	Reconnaissance of liquefaction case studies in 2015 Gorkha (Nepal) earthquake and assessment of liquefaction susceptibility. <i>International Journal of Geotechnical Engineering</i> , 2019, 13, 326-338.	1.1	23
11	Characterization of Rocking Shallow Foundations on Cohesive Soil Using Field Snap-Back Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	18
12	Triaxial behaviour and image analysis of Edmonton clay treated with cement and fly ash. <i>Construction and Building Materials</i> , 2019, 197, 208-219.	3.2	18
13	Field testing of rocking foundations in cohesive soil: cyclic performance and footing mechanical response. <i>Canadian Geotechnical Journal</i> , 2020, 57, 828-839.	1.4	18
14	Effects of inter-helix spacing and short-term soil setup on the behaviour of axially loaded helical piles in cohesive soil. <i>Soils and Foundations</i> , 2019, 59, 337-350.	1.3	17
15	Reconnaissance Report on Geotechnical Engineering Aspect of the 2015 Gorkha, Nepal, Earthquake. <i>Journal of Earthquake Engineering</i> , 2019, 23, 512-537.	1.4	17
16	Field Testing of Axial Performance of Large-Diameter Helical Piles at Two Soil Sites. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	15
17	Database of rocking shallow foundation performance: Slow-cyclic and monotonic loading. <i>Earthquake Spectra</i> , 2020, 36, 1585-1606.	1.6	14
18	Field loading tests of screw micropiles under axial cyclic and monotonic loads. <i>Acta Geotechnica</i> , 2019, 14, 1843-1856.	2.9	13

#	ARTICLE	IF	CITATIONS
19	Field axial cyclic loading tests of screw micropiles in cohesionless soil. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 143, 106601.	1.9	9
20	Field axial loading tests of screw micropiles in sand. <i>Canadian Geotechnical Journal</i> , 2022, 59, 458-472.	1.4	8
21	Development of mechanical properties of Edmonton stiff clay treated with cement and fly ash. <i>International Journal of Geotechnical Engineering</i> , 2020, 14, 329-339.	1.1	5
22	Centrifuge modeling of the behaviour of helical piles in cohesive soils from installation and axial loading. <i>Soils and Foundations</i> , 2022, 62, 101141.	1.3	5
23	Initiation mechanism of Jiweishan high-speed rockslide in Chongqing, China. <i>Natural Hazards</i> , 2020, 103, 3765-3781.	1.6	4
24	Effects of loading obliquity on field performance of rocking shallow foundations in cohesive soil. <i>Geotechnique</i> , 2021, 71, 320-333.	2.2	4
25	Field performance of wood blocking method for remediating a building in the Canadian Arctic. <i>Journal of Civil Structural Health Monitoring</i> , 2022, 12, 875-889.	2.0	4
26	Frost Heave and Thawing Settlement of Frozen Soils around Concrete Piles: A Laboratory Model Test. <i>Journal of Testing and Evaluation</i> , 2021, 49, 949-966.	0.4	3
27	Performance-based seismic design of rocking shallow foundations in cohesive soil: Methodology and numerical validation. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 159, 107244.	1.9	2
28	Analyses of embedded piles reinforced landslides using strength reduction finite element method. <i>International Journal of Geotechnical Engineering</i> , 2018, 12, 389-401.	1.1	1
29	Improving engineering properties of mature fine tailings using Tubifex. <i>Canadian Journal of Civil Engineering</i> , 2020, 47, 812-821.	0.7	1
30	Structural Analysis and Design of Sustainable Cross-Laminated Timber Foundation Walls. <i>Buildings</i> , 2022, 12, 979.	1.4	1