

Lijun Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9205599/publications.pdf>

Version: 2024-02-01

30
papers

692
citations

623188

14
h-index

580395

25
g-index

30
all docs

30
docs citations

30
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Field axial loading tests of screw micropiles in sand. Canadian Geotechnical Journal, 2022, 59, 458-472.	1.4	8
2	Centrifuge modeling of the behaviour of helical piles in cohesive soils from installation and axial loading. Soils and Foundations, 2022, 62, 1011-141.	1.3	5
3	Performance-based seismic design of rocking shallow foundations in cohesive soil: Methodology and numerical validation. Soil Dynamics and Earthquake Engineering, 2022, 159, 107244.	1.9	2
4	Field performance of wood blocking method for remediating a building in the Canadian Arctic. Journal of Civil Structural Health Monitoring, 2022, 12, 875-889.	2.0	4
5	Structural Analysis and Design of Sustainable Cross-Laminated Timber Foundation Walls. Buildings, 2022, 12, 979.	1.4	1
6	Effects of loading obliquity on field performance of rocking shallow foundations in cohesive soil. Geotechnique, 2021, 71, 320-333.	2.2	4
7	Field axial cyclic loading tests of screw micropiles in cohesionless soil. Soil Dynamics and Earthquake Engineering, 2021, 143, 106601.	1.9	9
8	Frost Heave and Thawing Settlement of Frozen Soils around Concrete Piles: A Laboratory Model Test. Journal of Testing and Evaluation, 2021, 49, 949-966.	0.4	3
9	Development of mechanical properties of Edmonton stiff clay treated with cement and fly ash. International Journal of Geotechnical Engineering, 2020, 14, 329-339.	1.1	5
10	Improving engineering properties of mature fine tailings using Tubifex. Canadian Journal of Civil Engineering, 2020, 47, 812-821.	0.7	1
11	Field testing of rocking foundations in cohesive soil: cyclic performance and footing mechanical response. Canadian Geotechnical Journal, 2020, 57, 828-839.	1.4	18
12	Initiation mechanism of Jiweishan high-speed rockslide in Chongqing, China. Natural Hazards, 2020, 103, 3765-3781.	1.6	4
13	Database of rocking shallow foundation performance: Dynamic shaking. Earthquake Spectra, 2020, 36, 960-982.	1.6	24
14	Database of rocking shallow foundation performance: Slow-cyclic and monotonic loading. Earthquake Spectra, 2020, 36, 1585-1606.	1.6	14
15	Axial load testing of helical pile groups in glaciolacustrine clay. Canadian Geotechnical Journal, 2019, 56, 187-197.	1.4	29
16	Characterization of Rocking Shallow Foundations on Cohesive Soil Using Field Snap-Back Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	1.5	18
17	Effects of inter-helix spacing and short-term soil setup on the behaviour of axially loaded helical piles in cohesive soil. Soils and Foundations, 2019, 59, 337-350.	1.3	17
18	Field loading tests of screw micropiles under axial cyclic and monotonic loads. Acta Geotechnica, 2019, 14, 1843-1856.	2.9	13

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	Field behaviour of screw micropiles subjected to axial loading in cohesive soils. <i>Canadian Geotechnical Journal</i> , 2018, 55, 34-44.	1.4	32
26	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
27	Mature fine tailings consolidation through microbial induced calcium carbonate precipitation. <i>Canadian Journal of Civil Engineering</i> , 2015, 42, 975-978.	0.7	30
28	Seismic Design of Rocking Shallow Foundations: Displacement-Based Methodology. <i>Journal of Bridge Engineering</i> , 2014, 19, .	1.4	46
29	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
30	Characterization of rocking shallow foundations using centrifuge model tests. <i>Earthquake Engineering and Structural Dynamics</i> , 2012, 41, 1043-1060.	2.5	83