Chong Tang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6422344/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Evaluation of compression interpretation criteria for drilled shafts socketed into rocks. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2024, 177, 17-33.	1.6	6
2	Target reliability indices for long geotechnical embankment slopes. European Journal of Environmental and Civil Engineering, 2022, 26, 1622-1637.	2.1	1
3	Hybrid machine learning model with random field and limited CPT data to quantify horizontal scale of fluctuation of soil spatial variability. Acta Geotechnica, 2022, 17, 1129-1145.	5.7	22
4	Field experimental study on cyclic uplift behavior of anchored pier foundations. Acta Geotechnica, 2022, 17, 4419-4434.	5.7	1
5	Quantitative evaluation of geological uncertainty and its influence on tunnel structural performance using improved coupled Markov chain. Acta Geotechnica, 2021, 16, 3709-3724.	5.7	59
6	Statistical evaluation of model factors in reliability calibration of high-displacement helical piles under axial loading. Canadian Geotechnical Journal, 2020, 57, 246-262.	2.8	25
7	Conditions of Hydraulic Heterogeneity under Which Bayesian Estimation is More Reliable. Water (Switzerland), 2020, 12, 160.	2.7	20
8	Expanded Database Assessment of Design Methods for Spread Foundations under Axial Compression and Uplift Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	3.0	9
9	Geotechnical localization analysis based on Cosserat continuum theory and second-order cone programming optimized finite element method. Computers and Geotechnics, 2019, 114, 103118.	4.7	8
10	Statistical Analyses of Model Factors in Reliability-Based Limit-State Design of Drilled Shafts under Axial Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	3.0	17
11	Effect of extrapolation on interpreted capacity and model statistics of steel H-piles. Georisk, 2019, 13, 291-302.	3.5	10
12	Reply to the discussion by Flynn and McCabe on "Statistics of model factors in reliability-based design of axially loaded driven piles in sand― Canadian Geotechnical Journal, 2019, 56, 148-152.	2.8	1
13	Evaluation of Stress-Dependent Methods for the Punch-Through Capacity of Foundations in Clay with Sand. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2019, 5, .	1.7	5
14	Characterisation of geotechnical model uncertainty. Georisk, 2019, 13, 101-130.	3.5	63
15	Characterization of model uncertainty in predicting axial resistance of piles driven into clay. Canadian Geotechnical Journal, 2019, 56, 1098-1118.	2.8	31
16	Statistics of model factors in reliability-based design of axially loaded driven piles in sand. Canadian Geotechnical Journal, 2018, 55, 1592-1610.	2.8	29
17	Evaluation of model uncertainties in reliability-based design of steel H-piles in axial compression. Canadian Geotechnical Journal, 2018, 55, 1513-1532.	2.8	28
18	Prediction of Bearing Capacity of Ring Foundation on Dense Sand with Regard to Stress Level Effect. International Journal of Geomechanics, 2018, 18, .	2.7	21

CHONG TANG

#	Article	IF	CITATIONS
19	Statistics of Model Factors and Consideration in Reliability-Based Design of Axially Loaded Helical Piles. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	3.0	39
20	Model Uncertainty for Predicting the Bearing Capacity of Sand Overlying Clay. International Journal of Geomechanics, 2017, 17, .	2.7	34
21	Model Uncertainty for the Capacity of Strip Footings under Positive Combined Loading. , 2017, , .		6
22	Model Uncertainties for the Static Design of Square Foundations on Sand under Axial Compression. , 2017, , .		4
23	Model Uncertainty of Eurocode 7 Approach for Bearing Capacity of Circular Footings on Dense Sand. International Journal of Geomechanics, 2017, 17, 04016069.	2.7	25
24	Model uncertainty of cylindrical shear method for calculating the uplift capacity of helical anchors in clay. Engineering Geology, 2016, 207, 14-23.	6.3	35
25	Effect of footing width on <i>N_γ</i> and failure envelope of eccentrically and obliquely loaded strip footings on sand. Canadian Geotechnical Journal, 2015, 52, 694-707.	2.8	40
26	Axisymmetric Lower-Bound Limit Analysis Using Finite Elements and Second-Order Cone Programming. Journal of Engineering Mechanics - ASCE, 2014, 140, 268-278.	2.9	53
27	Lower-Bound Limit Analysis of Seismic Passive Earth Pressure on Rigid Walls. International Journal of Geomechanics, 2014, 14, .	2.7	48