

Chong Tang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

640
citations

516681

16
h-index

580810

25
g-index

27
all docs

27
docs citations

27
times ranked

305
citing authors

#	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

#	ARTICLE	IF	CITATIONS
19	Statistics of Model Factors and Consideration in Reliability-Based Design of Axially Loaded Helical Piles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	3.0	39
20	Model Uncertainty for Predicting the Bearing Capacity of Sand Overlying Clay. <i>International Journal of Geomechanics</i> , 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. <i>International Journal of Geomechanics</i> , 2017, 17, 04016069.	2.7	25
24	Model uncertainty of cylindrical shear method for calculating the uplift capacity of helical anchors in clay. <i>Engineering Geology</i> , 2016, 207, 14-23.	6.3	35
25	Effect of footing width on $N_{\hat{I}^3}$ and failure envelope of eccentrically and obliquely loaded strip footings on sand. <i>Canadian Geotechnical Journal</i> , 2015, 52, 694-707.	2.8	40
26	Axisymmetric Lower-Bound Limit Analysis Using Finite Elements and Second-Order Cone Programming. <i>Journal of Engineering Mechanics - ASCE</i> , 2014, 140, 268-278.	2.9	53
27	Lower-Bound Limit Analysis of Seismic Passive Earth Pressure on Rigid Walls. <i>International Journal of Geomechanics</i> , 2014, 14, .	2.7	48