

Chiu Henry

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

626
citations

567281

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610901

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all docs

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30
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultimate bearing capacity of strip footings lying on Hoekâ€“Brown slopes subjected to eccentric load. <i>Acta Geotechnica</i> , 2023, 18, 1111-1124.	5.7	8
2	A Limit Solution for Predicting Side Resistance on Rock-Socketed Piles. <i>Journal of Engineering Mechanics - ASCE</i> , 2022, 148, .	2.9	11
3	Seismic Stability of the Slope Containing a Laterally Loaded Pile by Finite-Element Limit Analysis. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	11
4	Laboratory and theoretical study for concreteâ€“mudstone interface shear to account for asperity degradation. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	2.7	5
5	Kinematic limit analysis of the slope encapsulating a laterally loaded pile. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	3
6	Undrained seismic bearing capacity of strip footings horizontally embedded in two-layered slopes. <i>Earthquake Spectra</i> , 2021, 37, 637-651.	3.1	7
7	Stochastic analysis of dual tunnels in spatially random soil. <i>Computers and Geotechnics</i> , 2021, 129, 103861.	4.7	22
8	A Three-Dimensional Discrete Element Modeling to Cyclic Response of Geosynthetic-Encased Stone Column. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2021, 7, 1.	2.0	5
9	Performances of geo-reinforced and stone column-supported embankment by a mounting-beams model. <i>Computers and Geotechnics</i> , 2020, 118, 103360.	4.7	2
10	Numerical study on bearing capacity of ring foundations for storage tanks on a rock mass. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	10
11	Vertical Load Transfer for Bored Piles Buried in Cohesive Intermediate Geomaterials. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	7
12	Behaviors of a Laterally Loaded Pile Located in a Mountainside. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	9
13	Undrained seismic bearing capacity of strip footings lying on two-layered slopes. <i>Computers and Geotechnics</i> , 2020, 122, 103539.	4.7	28
14	A two-pile foundation model in sloping ground by finite beam element method. <i>Computers and Geotechnics</i> , 2020, 122, 103503.	4.7	15
15	Effect of Eccentric Load on the Undrained Bearing Capacity of Strip Footings above Voids. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	23
16	Stability of dual square tunnels in rock masses subjected to surcharge loading. <i>Tunnelling and Underground Space Technology</i> , 2019, 92, 103037.	6.2	37
17	Undrained Bearing Capacity of Strip Footings Placed Adjacent to Two-Layered Slopes. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	30
18	Stability of two circular tunnels at different depths in cohesive-frictional soils subjected to surcharge loading. <i>Computers and Geotechnics</i> , 2019, 112, 23-34.	4.7	26

#	ARTICLE	IF	CITATIONS
19	A phenomenological modelling of rocks based on the influence of damage initiation. Environmental Earth Sciences, 2019, 78, 1.	2.7	4
20	Analysis of laterally loaded piles in sloping ground using a modified strain wedge model. Computers and Geotechnics, 2019, 107, 163-175.	4.7	32
21	Stability of dual circular tunnels in a rock mass subjected to surcharge loading. Computers and Geotechnics, 2019, 108, 257-268.	4.7	45
22	Undrained stability of strip footing above voids in two-layered clays by finite element limit analysis. Computers and Geotechnics, 2018, 97, 124-133.	4.7	30
23	Performance of Geosynthetic-Reinforced and Pile-Supported Embankment with Consideration of Soil Arching. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	23
24	Finite Element Limit Analysis of the Bearing Capacity of Strip Footing on a Rock Mass with Voids. International Journal of Geomechanics, 2018, 18, .	2.7	43
25	Statistical Damage Constitutive Model for Rocks Considering Residual Strength. International Journal of Geomechanics, 2017, 17, .	2.7	58
26	Statistical meso-damage model for quasi-brittle rocks to account for damage tolerance principle. Environmental Earth Sciences, 2016, 75, 1.	2.7	25
27	Settlement Calculation of Composite Foundation Reinforced with Stone Columns. International Journal of Geomechanics, 2013, 13, 248-256.	2.7	45
28	Effect of volume changes on complete deformation behavior of rocks. Central South University, 2010, 17, 394-399.	0.5	8
29	Damage constitutive model for strain-softening rock based on normal distribution and its parameter determination. Central South University, 2007, 14, 719-724.	0.5	52
30	Prediction of permeability for fully weathered granite amended with fly ash by fractal dimensions. Journal of Sustainable Cement-Based Materials, 0, , 1-12.	3.1	2