

Amir Akbari Garakani

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

425
citations

1040056

9
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy piles under lateral loading: Analytical and numerical investigations. <i>Renewable Energy</i> , 2022, 182, 172-191.	8.9	10
2	Numerical and Analytical Study on Axial Ultimate Bearing Capacity of Fixed-Head Energy Piles in Different Soils. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	6
3	Effects of heat exchange fluid characteristics and pipe configuration on the ultimate bearing capacity of energy piles. <i>Energy</i> , 2022, 248, 123583.	8.8	4
4	An effective stress-based parametric study on the seismic stability of unsaturated slopes with implications for preliminary microzonation. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7525-7549.	3.5	11
5	Unsaturated 3D Column Method: New Method for Evaluation of Stability of Unsaturated Slopes Subjected to Vertical Steady-State Infiltration and Evaporation. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	7
6	An effective stress-based DSC model for predicting the coefficient of lateral soil pressure in unsaturated soils. <i>Acta Geotechnica</i> , 2021, 16, 3813.	5.7	3
7	Bearing Capacity of Shallow Foundations on Unsaturated Soils: Analytical Approach with 3D Numerical Simulations and Experimental Validations. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	26
8	Analytical and Numerical Study on the Ultimate Bearing Capacity of Energy Piles in Sandy Soils. , 2020, , .		1
9	A Suction-Controlled Ring Device to Measure the Coefficient of Lateral Soil Pressure in Unsaturated Soils. <i>Geotechnical Testing Journal</i> , 2020, 43, 20190099.	1.0	4
10	Testing and Constitutive Modeling of Lime-Stabilized Collapsible Loess. I: Experimental Investigations. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	38
11	Testing and Constitutive Modeling of Lime-Stabilized Collapsible Loess. II: Modeling and Validations. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	25
12	Effect of road salts on the hydro-mechanical behavior of unsaturated collapsible soils. <i>Transportation Geotechnics</i> , 2018, 17, 77-90.	4.5	31
13	Effect of Soil Structure and Disturbance on Hydromechanical Behavior of Collapsible Loessial Soils. <i>International Journal of Geomechanics</i> , 2017, 17, .	2.7	74
14	Hardening behavior of a hydro collapsible loessial soil. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 253-257.	0.2	4
15	Study on the stress path dependency of collapse behavior of Gorgan loess implementing unsaturated oedometer devices. <i>E3S Web of Conferences</i> , 2016, 9, 14019.	0.5	1
16	Hydro-mechanical behavior of undisturbed collapsible loessial soils under different stress state conditions. <i>Engineering Geology</i> , 2015, 195, 28-41.	6.3	92
17	Characterization of the effect of disturbance on the hydro-mechanical behavior of a highly collapsible loessial soil. , 2014, , 261-266.		9
18	Assessing the Hydro-Mechanical Behavior of Collapsible Soils Using a Modified Triaxial Test Device. <i>Geotechnical Testing Journal</i> , 2014, 37, 20130034.	1.0	49

#	ARTICLE	IF	CITATIONS
19	The Variation of Total Volume Change, Water Volume Change, Yielding Net Confining Stress and Shear Strength of Undisturbed Unsaturated Loess under Isotropic Compression. , 2012, , 293-300.		4
20	Collapse Potential and Permeability of Undisturbed and Remolded Loessial Soil Samples. , 2012, , 301-308.		23