

Ran Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

174
citations

1684188

5
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis of seismic slopes with tensile strength cut-off. Computers and Geotechnics, 2019, 112, 245-256.	4.7	40
2	Stability assessment of three-dimensional slopes with cracks. Engineering Geology, 2019, 252, 136-144.	6.3	40
3	Non-coaxial soil model with an anisotropic yield criterion and its application to the analysis of strip footing problems. Computers and Geotechnics, 2018, 99, 80-92.	4.7	29
4	On a fabric evolution law incorporating the effects of b-value. Computers and Geotechnics, 2019, 105, 142-154.	4.7	22
5	Subsurface settlements of shield tunneling predicted by 2D and 3D constitutive models considering non-coaxiality and soil anisotropy: a case study. Canadian Geotechnical Journal, 2022, 59, 424-440.	2.8	13
6	Vibration Induced by Subway Trains: Open-Trench Mitigation Analysis in the Time and Frequency Domains. Shock and Vibration, 2018, 2018, 1-16.	0.6	7
7	Stability and failure mechanisms in three-dimensional cracked slope: Static and dynamic analysis. Computers and Geotechnics, 2022, 144, 104626.	4.7	7
8	Noncoaxial Theory of Plasticity Incorporating Initial Soil Anisotropy. International Journal of Geomechanics, 2019, 19, .	2.7	5
9	Comparison of seismic stability for slopes with tensile strength cut-off and cracks. Journal of Mountain Science, 2021, 18, 3336-3347.	2.0	4
10	Flow Characteristics and Grain Size Distribution of Granular Gangue Mineral by Compaction Treatment. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.8	3
11	On the Computational Precision of Finite Element Algorithms in Slope Stability Problems. Mathematical Problems in Engineering, 2019, 2019, 1-15.	1.1	3
12	Application of a Non-Coaxial Soil Model with an Anisotropic Yield Criterion in Tunnelling. Advances in Materials Science and Engineering, 2019, 2019, 1-8.	1.8	1