

Teng Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8134285/publications.pdf>

Version: 2024-02-01

9
papers

221
citations

1478458

6
h-index

1720014

7
g-index

10
all docs

10
docs citations

10
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling of the reinforcement of soil slopes by living plants in a geotechnical centrifuge. <i>Ecological Engineering</i> , 2017, 109, 207-227.	3.6	70
2	Modelling the seismic performance of rooted slopes from individual root-soil interaction to global slope behaviour. <i>Geotechnique</i> , 2015, 65, 995-1009.	4.0	55
3	A critical evaluation of predictive models for rooted soil strength with application to predicting the seismic deformation of rooted slopes. <i>Landslides</i> , 2020, 17, 93-109.	5.4	23
4	Plant age effects on soil infiltration rate during early plant establishment. <i>Geotechnique</i> , 0, , 1-7.	4.0	22
5	Modelling the seismic performance of root-reinforced slopes using the finite-element method. <i>Geotechnique</i> , 2020, 70, 375-391.	4.0	15
6	Analysis of coupled axial and lateral deformation of roots in soil. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 684-707.	3.3	14
7	Newmark sliding block model for predicting the seismic performance of vegetated slopes. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 101, 27-40.	3.8	11
8	Centrifuge modelling of root-soil interaction of laterally loaded trees under different loading conditions. <i>Geotechnique</i> , 2023, 73, 766-780.	4.0	7
9	Scaling of plant roots for geotechnical centrifuge tests using juvenile live roots or 3D printed analogues. , 2018, , 401-406.		0