

Jian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

328
citations

932766

10
h-index

839053

18
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22
all docs

22
docs citations

22
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis of unlined elliptical tunnel using finite element upper-bound method with rigid translatory moving elements. <i>Tunnelling and Underground Space Technology</i> , 2015, 50, 13-22.	3.0	58
2	Upper-bound stability analysis of dual unlined horseshoe-shaped tunnels subjected to gravity. <i>Computers and Geotechnics</i> , 2018, 97, 103-110.	2.3	41
3	Upper bound analysis of stability of dual circular tunnels subjected to surcharge loading in cohesive-frictional soils. <i>Tunnelling and Underground Space Technology</i> , 2017, 61, 150-160.	3.0	31
4	Upper-bound stability analysis of dual unlined elliptical tunnels in cohesive-frictional soils. <i>Computers and Geotechnics</i> , 2016, 80, 283-289.	2.3	29
5	An improved artificial bee colony-random forest (IABC-RF) model for predicting the tunnel deformation due to an adjacent foundation pit excavation. <i>Underground Space (China)</i> , 2022, 7, 514-527.	3.4	29
6	Investigation of the cause of shield-driven tunnel instability in soil with a soft upper layer and hard lower layer. <i>Engineering Failure Analysis</i> , 2020, 118, 104832.	1.8	26
7	Upper-Bound Solution for Stability Number of Elliptical Tunnel in Cohesionless Soils. <i>International Journal of Geomechanics</i> , 2017, 17, .	1.3	22
8	Experimental study on improvement of seawall filler materials composed of sea sand and sea mud. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 193-203.	1.2	18
9	Upper-bound finite element analysis of stability of tunnel face subjected to surcharge loading in cohesive-frictional soil. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 2270-2279.	0.9	13
10	Evaluation and analysis of the causes of a landslide and treatment measures during the excavation of a tunnel through a soil-rock interface. <i>Engineering Failure Analysis</i> , 2021, 130, 105784.	1.8	11
11	Prediction of stratum deformation during the excavation of a foundation pit in composite formation based on the artificial bee colony“back-propagation model. <i>Engineering Optimization</i> , 2022, 54, 1217-1235.	1.5	9
12	Upper-bound finite-element analysis of axisymmetric problems using a mesh adaptive strategy. <i>Computers and Geotechnics</i> , 2018, 102, 148-154.	2.3	8
13	The Impact of Excess Pore Pressure on the Support Stability of a Shield When Tunnelling in Sand Stratum. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 3136-3145.	0.9	7
14	Upper-Bound Finite-Element Analysis of Characteristics of Critical Settlement Induced by Tunneling in Undrained Clay. <i>International Journal of Geomechanics</i> , 2018, 18, .	1.3	6
15	Experimental Investigation of Dynamic Characteristics of Subsea Sand-Silt Mixtures. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-9.	0.4	4
16	Upper-Bound Finite Element Adaptive Analysis of Plane Strain Heading in Soil with a Soft Upper Layer and Hard Lower Layer. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-10.	0.4	4
17	Excavation influence of triangular-distribution tunnels for wind pavilion group of a metro station. <i>Journal of Central South University</i> , 2020, 27, 3852-3874.	1.2	4
18	Finite-Element Analysis of Keying Process of Plate Anchors in Three-Layer Soft-Stiff-Soft Clay Deposits. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Ultimate Pullout Capacity of a Square Plate Anchor in Clay with an Interbedded Stiff Layer. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-10.	0.4	2
20	Predicting the Ultimate Bearing Capacity of Bolts with an Optimized Function Model. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-9.	0.4	1
21	Experimental Study of Water Transfer and Ice Accumulation in Freezing Soils under Different Conditions. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.4	1
22	Assessment of the Stability of an Unlined Rectangular Tunnel with an Overload on the Ground Surface. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-13.	0.4	1