

Jie Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

184
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1163117

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1125743

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132
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of pipeline to side-by-side twin tunnelling at different depths: 3D centrifuge tests and numerical modelling. <i>Tunnelling and Underground Space Technology</i> , 2017, 66, 157-173.	6.2	53
2	A simplified nonlinear analysis method for piled raft foundation in layered soils under vertical loading. <i>Computers and Geotechnics</i> , 2011, 38, 875-882.	4.7	29
3	Analytical solution for evaluating deformation response of existing metro tunnel due to excavation of adjacent foundation pit. <i>Journal of Central South University</i> , 2021, 28, 1888-1900.	3.0	19
4	Nonlinear analysis of flexible piled raft foundations subjected to vertical loads in layered soils. <i>Soils and Foundations</i> , 2017, 57, 632-644.	3.1	15
5	Sensible heat discharging from pavements with varying thermophysical properties. <i>Sustainable Cities and Society</i> , 2019, 45, 431-438.	10.4	15
6	Analysis of Engineering Characteristics and Microscopic Mechanism of Red Mud-Bauxite Tailings Mud Foam Light Soil. <i>Materials</i> , 2022, 15, 1782.	2.9	11
7	Reuse of Red Mud and Bauxite Tailings Mud as Subgrade Materials from the Perspective of Mechanical Properties. <i>Materials</i> , 2022, 15, 1123.	2.9	10
8	Investigating the Properties of Foamed Mixture Lightweight Soil Mixed with Bauxite Tailings as Filler. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-10.	1.8	9
9	Analysis of the Bearing Capacity of a Single Pile Based on an Analytical Solution of Pile-Soil Interaction in Expansive Soil. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 1721-1732.	1.7	7
10	Experimental research on biochemical consolidation of bauxite tailings clay. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	6
11	Physical Model Test and Theoretical Study on the Bearing Behavior of Pile in Expansive Soil Subjected to Water Infiltration. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	4
12	Dynamic Bayesian Network for Predicting Tunnel-Collapse Risk in the Case of Incomplete Data. <i>Journal of Performance of Constructed Facilities</i> , 2022, 36, .	2.0	4
13	Research on analytical conversion method of self-balanced test pile results. <i>European Journal of Environmental and Civil Engineering</i> , 0, , 1-17.	2.1	1
14	Analysis of Horizontal Dynamic Response of a Single Pile in Layered Foundations Based on the Timoshenko-Pasternak Model. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-13.	0.7	1
15	Study on the physical and mechanical properties of bauxite residue by laboratory and field in-situ tests. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	0
16	Three-dimensional centrifuge and numerical modeling of pile group due to twin tunnelling in different depth. , 2017, , .		0
17	A Simplified Analytical Method of Lateral Bearing Capacity of Rigid Single Pile Considering All Soil Reactions in Sand. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	0