

Ling Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

631
citations

623734

14
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610901

24
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37
all docs

37
docs citations

37
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Tensile Properties of Compacted Red Clay under Wet and Dry Cycles. <i>KSCE Journal of Civil Engineering</i> , 2022, 26, 606-618.	1.9	10
2	Ecological Protection Technology of Spraying Vegetation Concrete on Carbonaceous Rock Slope Experimental Research and Application. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-8.	0.7	1
3	Theoretical model and its experimental verification on nonlinear flow through a rough fracture of silty mudstone under low water head. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	2
4	Numerical simulation of the moisture migration of unsaturated clay embankments in southern China considering stress state. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 11-24.	3.5	43
5	Insight into the fracturing of silty mudstone in cyclic hydrothermal environments based on computed tomography. <i>Transportation Geotechnics</i> , 2021, 26, 100432.	4.5	10
6	Rapid estimation of resilient modulus of subgrade soils using performance-related soil properties. <i>International Journal of Pavement Engineering</i> , 2021, 22, 732-739.	4.4	66
7	Hydrophobic Polymeric Additives toward a Long-Term Robust Carbonaceous Mudstone Slope. <i>Polymers</i> , 2021, 13, 802.	4.5	3
8	Mechanical behaviour of disintegrated carbonaceous mudstone under stress and cyclic drying/wetting. <i>Construction and Building Materials</i> , 2021, 282, 122656.	7.2	24
9	Mixing Ratios and Cementing Mechanism of Similar Silty Mudstone Materials for Model Tests. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-19.	0.7	4
10	Disintegration Characteristics and Mechanisms of Carbonaceous Mudstone Subjected to Load and Cyclic Drying/Wetting. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	29
11	Effects of desiccation cracks and vegetation on the shallow stability of a red clay cut slope under rainfall infiltration. <i>Computers and Geotechnics</i> , 2021, 140, 104436.	4.7	30
12	Evolution of Unsaturated Shear Strength and Microstructure of a Compacted Silty Clay on Wetting Paths. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	16
13	Effect of nano-CaCO ₃ on the physical and mechanical properties of analogue to silty mudstone materials. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	3
14	Classification and Disintegration Characteristics of the Carboniferous Rocks in Guangxi, China. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-9.	0.7	0
15	Effect of the characteristics of surface cracks on the transient saturated zones in colluvial soil slopes during rainfall. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 699-709.	3.5	46
16	Moisture Migration and Control of New Embankment for Reconstruction and Expansion Project in Southern China. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-14.	0.7	1
17	The Effects of Different Nanoadditives on the Physical and Mechanical Properties of Similar Silty Mudstone Materials. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-11.	0.7	3
18	Mechanical Properties of a Transparent Brittle Material Manufactured by Fused Silica. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, 04020273.	2.9	0

#	ARTICLE	IF	CITATIONS
19	The Role of Nanotechnology in Subgrade and Pavement Engineering: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4607-4618.	0.9	25
20	Ponded infiltration and spatial-temporal prediction of the water content of silty mudstone. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 5371-5383.	3.5	22
21	Using portable falling weight deflectometer to determine treatment depth of subgrades in highway reconstruction of Southern China. <i>Transportation Safety and Environment</i> , 2020, 2, 18-28.	2.1	3
22	Seepage characteristics of a fractured silty mudstone under different confining pressures and temperatures. <i>Journal of Central South University</i> , 2020, 27, 1907-1916.	3.0	17
23	Mechanical behavior and microstructural mechanism of improved disintegrated carbonaceous mudstone. <i>Journal of Central South University</i> , 2020, 27, 1992-2002.	3.0	22
24	Effect of cushion and cover on moisture distribution in clay embankments in southern China. <i>Journal of Central South University</i> , 2020, 27, 1893-1906.	3.0	12
25	Effect of Nanostructured TiO ₂ on Rheological Properties of Fresh Cement Slurry. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4907-4913.	0.9	2
26	Introduction to special issue on life-cycle assessment of infrastructure. <i>Transportation Safety and Environment</i> , 2020, 2, 1-2.	2.1	0
27	Research progress on ecological protection technology of highway slope: status and challenges. <i>Transportation Safety and Environment</i> , 2020, 2, 3-17.	2.1	14
28	Use of Nanosilica and Cement in Improving the Mechanical Behavior of Disintegrated Carbonaceous Mudstone. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4807-4814.	0.9	4
29	Evolution of Cracks in Nano-CaCO ₃ Modified Pre-Disintegrated Carbonaceous Mudstone Under Cyclic Wetting and Drying. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5117-5122.	0.9	3
30	Evolution Characteristics of the Cracks in the Completely Disintegrated Carbonaceous Mudstone Subjected to Cyclic Wetting and Drying. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-10.	0.7	18
31	A Pore Size Distribution-based Microscopic Model for Evaluating the Permeability of Clay. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 5002-5011.	1.9	13
32	Effect of initial gravimetric water content and cyclic wetting-drying on soil-water characteristic curves of disintegrated carbonaceous mudstone. <i>Transportation Safety and Environment</i> , 2019, 1, 230-240.	2.1	6
33	A promising SPEEK/MCM composite membrane for highly efficient vanadium redox flow battery. <i>Surface and Coatings Technology</i> , 2019, 358, 167-172.	4.8	43
34	Carbonaceous mudstone and lignin-derived activated carbon and its application for supercapacitor electrode. <i>Surface and Coatings Technology</i> , 2019, 357, 580-586.	4.8	99
35	Effect of Colluvial Soil Slope Fracture's Anisotropy Characteristics on Rainwater Infiltration Process. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-11.	0.7	13
36	Forming condition of transient saturated zone and its distribution in residual slope under rainfall conditions. <i>Journal of Central South University</i> , 2017, 24, 1866-1880.	3.0	24

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37	Study on groundwater resources prediction based on multivariate time series CAR model in Dongting Lake area. WIT Transactions on the Built Environment, 2014, , .	0.0	0