

Ling Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

631
citations

623734

14
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Mechanical behaviour of disintegrated carbonaceous mudstone under stress and cyclic drying/wetting. <i>Construction and Building Materials</i> , 2021, 282, 122656.	7.2	24
11	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
12	Mechanical behavior and microstructural mechanism of improved disintegrated carbonaceous mudstone. <i>Journal of Central South University</i> , 2020, 27, 1992-2002.	3.0	22
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Effect of cushion and cover on moisture distribution in clay embankments in southern China. Journal of Central South University, 2020, 27, 1893-1906.	3.0	12
20	Insight into the fracturing of silty mudstone in cyclic hydrothermal environments based on computed tomography. Transportation Geotechnics, 2021, 26, 100432.	4.5	10
21	Evolution of Tensile Properties of Compacted Red Clay under Wet and Dry Cycles. KSCE Journal of Civil Engineering, 2022, 26, 606-618.	1.9	10
22	Effect of initial gravimetric water content and cyclic wetting-drying on soil-water characteristic curves of disintegrated carbonaceous mudstone. Transportation Safety and Environment, 2019, 1, 230-240.	2.1	6
23	Mixing Ratios and Cementing Mechanism of Similar Silty Mudstone Materials for Model Tests. Advances in Civil Engineering, 2021, 2021, 1-19.	0.7	4
24	Use of Nanosilica and Cement in Improving the Mechanical Behavior of Disintegrated Carbonaceous Mudstone. Journal of Nanoscience and Nanotechnology, 2020, 20, 4807-4814.	0.9	4
25	The Effects of Different Nanoadditives on the Physical and Mechanical Properties of Similar Silty Mudstone Materials. Advances in Civil Engineering, 2020, 2020, 1-11.	0.7	3
26	Using portable falling weight deflectometer to determine treatment depth of subgrades in highway reconstruction of Southern China. Transportation Safety and Environment, 2020, 2, 18-28.	2.1	3
27	Hydrophobic Polymeric Additives toward a Long-Term Robust Carbonaceous Mudstone Slope. Polymers, 2021, 13, 802.	4.5	3
28	Evolution of Cracks in Nano-CaCO ₃ Modified Pre-Disintegrated Carbonaceous Mudstone Under Cyclic Wetting and Drying. Journal of Nanoscience and Nanotechnology, 2020, 20, 5117-5122.	0.9	3
29	Effect of nano-CaCO ₃ on the physical and mechanical properties of analogue to silty mudstone materials. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
30	Effect of Nanostructured TiO ₂ on Rheological Properties of Fresh Cement Slurry. Journal of Nanoscience and Nanotechnology, 2020, 20, 4907-4913.	0.9	2
31	Theoretical model and its experimental verification on nonlinear flow through a rough fracture of silty mudstone under low water head. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	3.5	2
32	Moisture Migration and Control of New Embankment for Reconstruction and Expansion Project in Southern China. Advances in Civil Engineering, 2020, 2020, 1-14.	0.7	1
33	Ecological Protection Technology of Spraying Vegetation Concrete on Carbonaceous Rock Slope Experimental Research and Application. Advances in Civil Engineering, 2022, 2022, 1-8.	0.7	1
34	Mechanical Properties of a Transparent Brittle Material Manufactured by Fused Silica. Journal of Materials in Civil Engineering, 2020, 32, 04020273.	2.9	0
35	Introduction to special issue on life-cycle assessment of infrastructure. Transportation Safety and Environment, 2020, 2, 1-2.	2.1	0
36	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

#	ARTICLE	IF	CITATIONS
37	Classification and Disintegration Characteristics of the Carboniferous Rocks in Guangxi, China. Advances in Civil Engineering, 2021, 2021, 1-9.	0.7	0