

Yongkang Wu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

302
citations

1040056

9
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888059

17
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26
all docs

26
docs citations

26
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-scale characterization of the elasticity of shales: Statistical nanoindentation and data analytics. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 140, 103945.	4.8	51
2	Characterization of Shale Softening by Large Volume-Based Nanoindentation. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 1393-1409.	5.4	37
3	Determining the micro-fracture properties of Antrim gas shale by an improved micro-indentation method. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 62, 224-235.	4.4	30
4	Multiscale elastic anisotropy of a shale characterized by cross-scale big data nanoindentation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 134, 104458.	5.8	30
5	A two-grid search scheme for large-scale 3-D finite element analyses of slope stability. <i>Computers and Geotechnics</i> , 2014, 62, 203-215.	4.7	27
6	Consolidation Analysis of Nuozhadu High Earth-Rockfill Dam Based on the Coupling of Seepage and Stress-Deformation Physical State. <i>International Journal of Geomechanics</i> , 2016, 16, .	2.7	24
7	Big Data Nanoindentation and Analytics Reveal the Multi-Staged, Progressively-Homogenized, Depth-Dependent Upscaling of Rocks' Properties. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 1501-1532.	5.4	17
8	Displacement-Based Back-Analysis of the Model Parameters of the Nuozhadu High Earth-Rockfill Dam. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10.	2.1	14
9	Cross-scale characterization of sandstones via statistical nanoindentation: Evaluation of data analytics and upscaling models. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 142, 104738.	5.8	12
10	Nanoindentation-enhanced screening of hydraulic fracturing fluid additives. <i>International Journal of Coal Geology</i> , 2021, 240, 103744.	5.0	11
11	Influence of Shear on Permeability of Clayey Soil. <i>International Journal of Geomechanics</i> , 2016, 16, .	2.7	10
12	Development and Application of a Large-Scale Static and Dynamic True Triaxial Apparatus for Gravel. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	8
13	Modified Model for Hydraulic Conductivity of Clayey Soil under Shear. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	7
14	Two-stage wetting deformation behaviour of rock-fill material. <i>Environmental Geotechnics</i> , 2022, 9, 94-107.	2.3	7
15	Origin, growth, and characteristics of calcareous concretions in the varved sediments of a Glacial Lake. <i>Engineering Geology</i> , 2021, 287, 106112.	6.3	5
16	Strengthening mechanisms in cement-stabilized kaolinite revealed by cross-scale nanoindentation. <i>Acta Geotechnica</i> , 2022, 17, 5113-5132.	5.7	4
17	Symmetrization Method for the Generalized Plasticity Model with Nonassociated Plastic Flow Rule. <i>International Journal of Geomechanics</i> , 2015, 15, 04014099.	2.7	2
18	Big Data and Large Volume (BDLV)-Based Nanoindentation Characterization of Shales. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018, , 569-573.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Performance of Neumann Expansion Preconditioners for Iterative Methods with Geotechnical Elastoplastic Applications. International Journal of Geomechanics, 2016, 16, 04015069.	2.7	1
20	Rainfall Infiltration and Water-Retention Characteristics of Rockfill Material. International Journal of Geomechanics, 2022, 22, .	2.7	1
21	Unsaturated Wetting Deformation Characteristics of a Granite Rockfill under Rainfall Conditions. Canadian Geotechnical Journal, 0, , .	2.8	1
22	Kinetics of flocculated illite suspensions affected by ionic strength, pH, and hydrodynamic shearing. Applied Clay Science, 2022, 221, 106462.	5.2	1
23	Study on the Consolidation Theories for Unsaturated Soils. Springer Theses, 2019, , 43-70.	0.1	0
24	Review of the Relevant Research Progress. Springer Theses, 2019, , 7-29.	0.1	0
25	Flow Behavior of Clays Amended by Superhydrophobic Additives. Springer Series in Geomechanics and Geoengineering, 2018, , 862-865.	0.1	0