

Cunbao Li

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,035
citations

430874

18
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of layer orientation on acoustic emission characteristics of anisotropic shale in Brazilian tests. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 1120-1129.	4.4	102
2	Experimental study on the mechanical and failure behaviors of deep rock subjected to true triaxial stress: A review. <i>International Journal of Mining Science and Technology</i> , 2022, 32, 915-950.	10.3	99
3	Acoustic Emission Characteristics and Damage Evolution of Coal at Different Depths Under Triaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 2063-2076.	5.4	86
4	Experimental study on rock mechanical behavior retaining the in situ geological conditions at different depths. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 138, 104548.	5.8	67
5	Spherocylindrical microplane constitutive model for shale and other anisotropic rocks. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 103, 155-178.	4.8	58
6	Changes in the thermodynamic properties of alkaline granite after cyclic quenching following high temperature action. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 843-852.	10.3	58
7	Anisotropic characteristics of crack initiation and crack damage thresholds for shale. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 126, 104178.	5.8	57
8	New fractional variable-order creep model with short memory. <i>Applied Mathematics and Computation</i> , 2020, 380, 125278.	2.2	57
9	True triaxial strength and failure characteristics of cubic coal and sandstone under different loading paths. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 135, 104439.	5.8	46
10	Energy Evolution of Coal at Different Depths Under Unloading Conditions. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 4637-4649.	5.4	44
11	Experimental investigation of anisotropic fatigue characteristics of shale under uniaxial cyclic loading. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 130, 104314.	5.8	44
12	Anisotropic failure behaviour and breakdown pressure interpretation of hydraulic fracturing experiments on shale. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 142, 104748.	5.8	34
13	A Study of Uniaxial Acoustic Emission Creep of Salt Rock Based on Improved Fractional-Order Derivative. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 1619-1631.	5.4	32
14	Research on the anisotropic fracture behavior and the corresponding fracture surface roughness of shale. <i>Engineering Fracture Mechanics</i> , 2021, 255, 107963.	4.3	28
15	Conceptualization and evaluation of the exploration and utilization of low/medium-temperature geothermal energy: a case study of the Guangdong-Hong Kong-Macao Greater Bay Area. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2020, 6, 1.	2.9	24
16	Effect of microwave radiation on mechanical behaviors of tight fine sandstone subjected to true triaxial stress. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022, 152, 105063.	5.8	23
17	Anisotropic creep characteristics and mechanism of shale under elevated deviatoric stress. <i>Journal of Petroleum Science and Engineering</i> , 2020, 185, 106670.	4.2	22
18	Anisotropic characteristics of the energy index during the shale failure process under triaxial compression. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 95, 104219.	4.4	21

#	ARTICLE	IF	CITATIONS
19	The Enigma of Large-Scale Permeability of Gas Shale: Pre-Existing or Frac-Induced?. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	2.2	18
20	Anisotropic microplane constitutive model for coupling creep and damage in layered geomaterials such as gas or oil shale. International Journal of Rock Mechanics and Minings Sciences, 2019, 124, 104074.	5.8	17
21	Variations in the physical and mechanical properties of rocks from different depths in the Songliao Basin under uniaxial compression conditions. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2020, 6, 1.	2.9	14
22	Mechanical and Fracture Behaviors of Brittle Material with a Circular Inclusion: Insight from Infilling Composition. Rock Mechanics and Rock Engineering, 2022, 55, 3331-3352.	5.4	13
23	Anisotropic energy-based progressive damage model for laminated geomaterials. Applied Mathematical Modelling, 2021, 93, 563-577.	4.2	11
24	A critical review of the experimental and theoretical research on cyclic hydraulic fracturing for geothermal reservoir stimulation. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, 1.	2.9	11
25	Recent advances in mechanics of fracking and new results on 2D simulation of crack branching in anisotropic gas or oil shale. Acta Mechanica, 2018, 229, 975-992.	2.1	10
26	Inversion Method of Initial In Situ Stress Field Based on BP Neural Network and Applying Loads to Unit Body. Advances in Civil Engineering, 2020, 2020, 1-15.	0.7	10
27	Experimental investigation on failure behaviors and mechanism of an anisotropic shale in direct tension. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2021, 7, 1.	2.9	9
28	Effect of Cyclic Thermal Shock on Granite Pore Permeability. Lithosphere, 2021, 2021, .	1.4	8
29	The novel idea and technical progress of lunar in-situ condition preserved coring. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, .	2.9	7
30	Seismic Geothermal Resource Exploration based on CPU/GPU Collaborative Parallel Prestack Time Migration. Acta Geologica Sinica, 2022, 96, 1742-1751.	1.4	3
31	In-situ stress distribution laws of coal and rock in deep mining based on the Griffith criterion. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, 1.	2.9	2