

Cunbao Li

List of Publications by Year in descending order

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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	A critical review of the experimental and theoretical research on cyclic hydraulic fracturing for geothermal reservoir stimulation. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	2.9	11
2	Seismic Geothermal Resource Exploration based on CPU/GPU Collaborative Parallel Prestack Time Migration. <i>Acta Geologica Sinica</i> , 2022, 96, 1742-1751.	1.4	3
3	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
4	Mechanical and Fracture Behaviors of Brittle Material with a Circular Inclusion: Insight from Infilling Composition. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 3331-3352.	5.4	13
5	In-situ stress distribution laws of coal and rock in deep mining based on the Griffith criterion. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	2.9	2
6	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
7	The novel idea and technical progress of lunar in-situ condition preserved coring. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, .	2.9	7
8	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
9	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
10	Anisotropic energy-based progressive damage model for laminated geomaterials. <i>Applied Mathematical Modelling</i> , 2021, 93, 563-577.	4.2	11
11	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
12	Effect of Cyclic Thermal Shock on Granite Pore Permeability. <i>Lithosphere</i> , 2021, 2021, .	1.4	8
13	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
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	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
16	Experimental investigation on failure behaviors and mechanism of an anisotropic shale in direct tension. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	2.9	9
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 crack initiation and crack damage thresholds for shale. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 126, 104178.	5.8	57

#	ARTICLE	IF	CITATIONS
19	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
20	Inversion Method of Initial In Situ Stress Field Based on BP Neural Network and Applying Loads to Unit Body. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15.	0.7	10
21	New fractional variable-order creep model with short memory. <i>Applied Mathematics and Computation</i> , 2020, 380, 125278.	2.2	57
22	Variations in the physical and mechanical properties of rocks from different depths in the Songliao Basin under uniaxial compression conditions. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2020, 6, 1.	2.9	14
23	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
24	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
25	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
26	Anisotropic microplane constitutive model for coupling creep and damage in layered geomaterials such as gas or oil shale. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019, 124, 104074.	5.8	17
27	Energy Evolution of Coal at Different Depths Under Unloading Conditions. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 4637-4649.	5.4	44
28	Recent advances in mechanics of fracking and new results on 2D simulation of crack branching in anisotropic gas or oil shale. <i>Acta Mechanica</i> , 2018, 229, 975-992.	2.1	10
29	The Enigma of Large-Scale Permeability of Gas Shale: Pre-Existing or Frac-Induced?. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2017, 84, .	2.2	18
30	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
31	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