

Zhengzheng Cao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

138
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation, Permeability and Acoustic Emission Characteristics of Coal Masses under Mining-Induced Stress Paths. <i>Energies</i> , 2018, 11, 2233.	3.1	26
2	Evolution Mechanism of Water-Conducting Channel of Collapse Column in Karst Mining Area of Southwest China. <i>Geofluids</i> , 2021, 2021, 1-8.	0.7	18
3	An elastoplastic model for gas flow characteristics around drainage borehole considering post-peak failure and elastic compaction. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	16
4	Hydraulic Fracturing Mechanism of Rock Mass under Stress-Damage-Seepage Coupling Effect. <i>Geofluids</i> , 2022, 2022, 1-11.	0.7	15
5	Destabilization and energy characteristics of coal pillar in roadway driving along gob based on rockburst risk assessment. <i>Royal Society Open Science</i> , 2019, 6, 190094.	2.4	13
6	Water Inrush Mechanism of Fault Zone in Karst Tunnel under Fluid-Solid Coupling Field considering Effective Stress. <i>Geofluids</i> , 2022, 2022, 1-11.	0.7	10
7	The Influence of the Backfilling Roadway Driving Sequence on the Rockburst Risk of a Coal Pillar Based on an Energy Density Criterion. <i>Sustainability</i> , 2018, 10, 2609.	3.2	9
8	Numerical simulation of damage and permeability evolution mechanism of coal seam under microwave radiation. <i>Thermal Science</i> , 2019, 23, 1355-1361.	1.1	9
9	Numerical Analysis of Heat and Gas Transfer Characteristics during Heat Injection Processes Based on a Thermo-Hydro-Mechanical Model. <i>Energies</i> , 2018, 11, 1722.	3.1	7
10	Evaluation of Gas Migration and Rock Damage Characteristics for Underground Nuclear Waste Storage Based on a Coupled Model. <i>Science and Technology of Nuclear Installations</i> , 2018, 2018, 1-10.	0.8	7
11	Additional Stress on a Buried Pipeline under the Influence of Coal Mining Subsidence. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-16.	0.7	5
12	Disastrous Mechanism of Water Discharge in Abandoned Gob above the Stope in Mining Extra-Thick Coal Seam. <i>Geofluids</i> , 2021, 2021, 1-10.	0.7	3
13	Experimental Study on Flow Characteristics of Aeolian Sand in Fractures. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12.	0.7	0
14	Effect of temperature on gas seepage characteristic based on coal-gas interaction model. <i>Thermal Science</i> , 2019, 23, 661-667.	1.1	0