

XIgui Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

130
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic identification of rock formation interface based on borehole imaging. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2024, 46, 493-504.	2.3	2
2	Research on borehole forming characteristics of two-wing polycrystalline diamond compact bit in coal mines. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 12329-12342.	2.3	1
3	Stress Evolution Mechanism and Control Technology for Reversing Mining and Excavation under Mining-Induced Dynamic Pressure in Deep Mine. <i>Geofluids</i> , 2022, 2022, 1-17.	0.7	2
4	An experimental investigation into the borehole drilling and strata characteristics. <i>PLoS ONE</i> , 2021, 16, e0253663.	2.5	5
5	Recognition of interface and category of roadway roof strata based on drilling parameters. <i>Journal of Petroleum Science and Engineering</i> , 2021, 204, 108724.	4.2	14
6	Full-Stress Anchoring Technology and Application of Bolts in the Coal Roadway. <i>Energies</i> , 2021, 14, 7475.	3.1	8
7	Measurement and analysis of penetration rate and vibration on a roof bolter for identification rock interface of roadway roof. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 2751-2763.	2.3	15
8	Research on Drilling Response Characteristics of Two-Wing PDC Bit. <i>Sustainability</i> , 2020, 12, 406.	3.2	9
9	Implementation of a Pretensioned, Fully Bonded Bolting System and Its Failure Mechanism Based on Acoustic Emission: A Laboratorial and Field Study. <i>Geotechnical Testing Journal</i> , 2017, 40, 978-999.	1.0	11
10	Experimental study of axial stress distribution and transfer along the bolt rods in an underground coal mine. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	11
11	Strengthening Borehole Configuration from the Retaining Roadway for Greenhouse Gas Reduction: A Case Study. <i>PLoS ONE</i> , 2015, 10, e0115874.	2.5	7
12	Application of a Backfilling Method in Coal Mining to Realise an Ecologically Sensitive "Black Gold" Industry. <i>Energies</i> , 2015, 8, 3628-3639.	3.1	15
13	Serial decoupling of bolts in coal mine roadway supports. <i>Arabian Journal of Geosciences</i> , 2015, 8, 6709-6722.	1.3	13
14	Strength Restoration of Cracked Sandstone and Coal under a Uniaxial Compression Test and Correlated Damage Source Location Based on Acoustic Emissions. <i>PLoS ONE</i> , 2015, 10, e0145757.	2.5	17