

Yi Tan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

230
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative externalities of high-intensity mining and disaster prevention technology in China. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 5219-5235.	3.5	40
2	Sustainable Development of Resources and the Environment: Mining-Induced Eco-Geological Environmental Damage and Mitigation Measures—A Case Study in the Henan Coal Mining Area, China. <i>Sustainability</i> , 2019, 11, 4366.	3.2	37
3	The analysis and application of granular backfill material to reduce surface subsidence in China's northwest coal mining area. <i>PLoS ONE</i> , 2018, 13, e0201112.	2.5	28
4	Green coal mining and water clean utilization under Neogene aquifer in Zhaojiazhai coalmine of central China. <i>Journal of Cleaner Production</i> , 2022, 368, 133134.	9.3	17
5	Application of magnetotelluric method to the detection of overburden failure height in shallow seam mining. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	15
6	Using the Magnetotelluric Method for Detecting Aquifer Failure Characteristics under High-Intensity Mining of Thick Coal Seams. <i>Energies</i> , 2019, 12, 4397.	3.1	13
7	Study on the Evolution Characteristics of Two-Zone Failure Mode of the Overburden Strata under Shallow Buried Thick Seam Mining. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-9.	0.7	13
8	Roadway Backfill Mining with Super-High-Water Material to Protect Surface Buildings: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 107.	2.5	12
9	Coal mining method with near-zero impact on the ecological environment in a high-intensity mining area of Northwest China. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	8
10	Regional Division and Its Criteria of Mining Fractures Based on Overburden Critical Failure. <i>Sustainability</i> , 2022, 14, 5161.	3.2	8
11	Compression characteristics of local filling gangue in Steeply Dipping Coal Seam. <i>Energy Exploration and Exploitation</i> , 2022, 40, 1131-1150.	2.3	7
12	Paste Backfilling Longwall Mining Technology for Thick Coal Seam Extraction under Buildings and above Confined Aquifers: A Case Study. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 470.	2.0	7
13	Prediction and Evaluation of Coal Mine Coal Bump Based on Improved Deep Neural Network. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	5
14	Field Study on the Law of Surface Subsidence in the High-Intensity Fully Mechanized Caving Mining Working Face with Shallow Thick Bedrock and Thin Epipedon in Hilly Areas. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-13.	1.8	5
15	Experiment on Mine Ground Pressure of Stiff Coal-Pillar Entry Retaining under the Activation Condition of Hard Roof. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-11.	0.7	4
16	Application of Presplitting Blasting Technology in Surrounding Rock Control of Gob-Side Entry Retaining with Hard Roof: A Case Study. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-17.	1.8	4
17	Calculation of the Height of the Water-Conducting Fracture Zone Based on the Analysis of Critical Fracturing of Overlying Strata. <i>Sustainability</i> , 2022, 14, 5221.	3.2	4
18	Characterization and Modeling Study on Softening and Seepage Behavior of Weakly Cemented Sandy Mudstone after Water Injection. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Development Law of Water-Conducting Fracture Zone in the Fully Mechanized Caving Face of Gob-Side Entry Driving: A Case Study. Minerals (Basel, Switzerland), 2022, 12, 557.	2.0	1