Yunliang Tan

List of Publications by Year
in descending order

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		567281	526287
31	751	15	27
papers	citations	h-index	g-index

31	31	31	656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of coal thicknesses on energy evolution characteristics of roof rock-coal-floor rock sandwich composite structure and its damage constitutive model. Composites Part B: Engineering, 2020, 198, 108086.	12.0	119
2	Similar simulation study on the deformation and failure of surrounding rock of a large section chamber group under dynamic loading. International Journal of Mining Science and Technology, 2021, 31, 495-505.	10.3	81
3	MCA Model for Simulating the Failure of Microinhomogeneous Materials. Journal of Nanomaterials, 2008, 2008, 1-7.	2.7	63
4	Uniaxial Compression Behavior of Cement Mortar and Its Damage-Constitutive Model Based on Energy Theory. Materials, 2019, 12, 1309.	2.9	49
5	New Detecting Method on the Connecting Fractured Zone Above the Coal Face and a Case Study. Rock Mechanics and Rock Engineering, 2021, 54, 4379-4391.	5.4	49
6	Roof Cutting Parameters Design for Gob-Side Entry in Deep Coal Mine: A Case Study. Energies, 2019, 12, 2032.	3.1	45
7	An Innovative Method for Placement of Gangue Backfilling Material in Steep Underground Coal Mines. Minerals (Basel, Switzerland), 2019, 9, 107.	2.0	39
8	Roadside support schemes numerical simulation and field monitoring of gob-side entry retaining in soft floor and hard roof. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	38
9	An innovative approach for gobâ€side entry retaining in deep coal mines: A case study. Energy Science and Engineering, 2019, 7, 2321-2335.	4.0	35
10	Study on Failure Modes and Energy Evolution of Coal-Rock Combination under Cyclic Loading. Shock and Vibration, 2020, 2020, 1-16.	0.6	35
11	Experimental and numerical simulation of loading rate effects on failure and strain energy characteristics of coal-rock composite samples. Journal of Central South University, 2021, 28, 3207-3222.	3.0	31
12	Numerical investigation of failure evolution for the surrounding rock of a superâ€large section chamber group in a deep coal mine. Energy Science and Engineering, 2019, 7, 3124-3146.	4.0	28
13	Reactive transport LBM model for CO2 injection in fractured reservoirs. Computers and Geosciences, 2016, 86, 15-22.	4.2	27
14	A coupled lattice Boltzmann model for simulating reactive transport in CO2 injection. Physica A: Statistical Mechanics and Its Applications, 2014, 403, 155-164.	2.6	22
15	Mechanical Characteristics and Failure Prediction of Cement Mortar with a Sandwich Structure. Minerals (Basel, Switzerland), 2019, 9, 143.	2.0	21
16	Quantitative prop support estimation and remote monitor early warning for hard roof weighting at the Muchengjian Mine in China. Canadian Geotechnical Journal, 2010, 47, 947-954.	2.8	15
17	Creep Constitutive Model and Numerical Realization of Coal-Rock Combination Deteriorated by Immersion. Minerals (Basel, Switzerland), 2022, 12, 292.	2.0	10
18	Multiparameter Monitoring and Prevention of Fault-Slip Rock Burst. Shock and Vibration, 2017, 2017, 1-8.	0.6	6

#	Article	IF	Citations
19	Rock Strength Evaluation during Progressive Failure Process Based on Fractural Characterization. Marine Georesources and Geotechnology, 2016, 34, 759-763.	2.1	5
20	A NUMERICAL STUDY ON PREMIXED MICROCOMBUSTION BY LATTICE BOLTZMANN METHOD. International Journal of Modern Physics C, 2012, 23, 1250037.	1.7	4
21	Rock Mechanical Property Influenced by Inhomogeneity. Advances in Materials Science and Engineering, 2012, 2012, 1-9.	1.8	4
22	Numerical Investigation of Influences of Drilling Arrangements on the Mechanical Behavior and Energy Evolution of Coal Models. Advances in Civil Engineering, 2018, 2018, 1-12.	0.7	4
23	Influence of Fissure Number on the Mechanical Properties of Layer-Crack Rock Models under Uniaxial Compression. Advances in Civil Engineering, 2018, 2018, 1-12.	0.7	4
24	Experimental Investigations on Rheological Properties of Mudstone in Kilometer-Deep Mine. Advances in Civil Engineering, 2021, 2021, 1-12.	0.7	4
25	In-situ investigation on fractured evolution law of surrounding rock in weakly cemented soft rock roadway. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	3
26	â€œRelief-Retainingâ€•Control Technology of Floor Heave in Mining Roadway with Soft Rock: A Case Study. Advances in Civil Engineering, 2021, 2021, 1-13.	0.7	3
27	Stability analysis and determination of large-section multi-chamber group in deep coal mine. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, 1.	2.9	3
28	Identification for Abutment Stress by Drilling Cuttings. Applied Sciences (Switzerland), 2021, 11, 9467.	2.5	2
29	Using GA-ANN algorithm to predicate coal bump energy. , 2009, , .		1
30	Theoretical Study and Experiment Validation on Drilling Cutting Weight during the Whole Process of Drilling. Shock and Vibration, 2021, 2021, 1-9.	0.6	1
31	Microstructure and component influences on rockburst tencdency of diabase. , 2011, , .		0