

Yunliang Tan

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

751
citations

567281

15
h-index

526287

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31
docs citations

31
times ranked

656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Stability analysis and determination of large-section multi-chamber group in deep coal mine. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1. | 2.9 | 3 |
| 2 | Creep Constitutive Model and Numerical Realization of Coal-Rock Combination Deteriorated by Immersion. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 292. | 2.0 | 10 |
| 3 | Similar simulation study on the deformation and failure of surrounding rock of a large section chamber group under dynamic loading. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 495-505. | 10.3 | 81 |
| 4 | New Detecting Method on the Connecting Fractured Zone Above the Coal Face and a Case Study. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 4379-4391. | 5.4 | 49 |
| 5 | Experimental Investigations on Rheological Properties of Mudstone in Kilometer-Deep Mine. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12. | 0.7 | 4 |
| 6 | Identification for Abutment Stress by Drilling Cuttings. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9467. | 2.5 | 2 |
| 7 | Theoretical Study and Experiment Validation on Drilling Cutting Weight during the Whole Process of Drilling. <i>Shock and Vibration</i> , 2021, 2021, 1-9. | 0.6 | 1 |
| 8 | Experimental and numerical simulation of loading rate effects on failure and strain energy characteristics of coal-rock composite samples. <i>Journal of Central South University</i> , 2021, 28, 3207-3222. | 3.0 | 31 |
| 9 | “Relief-Retaining” Control Technology of Floor Heave in Mining Roadway with Soft Rock: A Case Study. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-13. | 0.7 | 3 |
| 10 | Study on Failure Modes and Energy Evolution of Coal-Rock Combination under Cyclic Loading. <i>Shock and Vibration</i> , 2020, 2020, 1-16. | 0.6 | 35 |
| 11 | Effect of coal thicknesses on energy evolution characteristics of roof rock-coal-floor rock sandwich composite structure and its damage constitutive model. <i>Composites Part B: Engineering</i> , 2020, 198, 108086. | 12.0 | 119 |
| 12 | An innovative approach for gob-side entry retaining in deep coal mines: A case study. <i>Energy Science and Engineering</i> , 2019, 7, 2321-2335. | 4.0 | 35 |
| 13 | Numerical investigation of failure evolution for the surrounding rock of a super-large section chamber group in a deep coal mine. <i>Energy Science and Engineering</i> , 2019, 7, 3124-3146. | 4.0 | 28 |
| 14 | Uniaxial Compression Behavior of Cement Mortar and Its Damage-Constitutive Model Based on Energy Theory. <i>Materials</i> , 2019, 12, 1309. | 2.9 | 49 |
| 15 | Roof Cutting Parameters Design for Gob-Side Entry in Deep Coal Mine: A Case Study. <i>Energies</i> , 2019, 12, 2032. | 3.1 | 45 |
| 16 | Mechanical Characteristics and Failure Prediction of Cement Mortar with a Sandwich Structure. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 143. | 2.0 | 21 |
| 17 | An Innovative Method for Placement of Gangue Backfilling Material in Steep Underground Coal Mines. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 107. | 2.0 | 39 |
| 18 | Roadside support schemes numerical simulation and field monitoring of gob-side entry retaining in soft floor and hard roof. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1. | 1.3 | 38 |

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|----|--|-----|-----------|
| 19 | Numerical Investigation of Influences of Drilling Arrangements on the Mechanical Behavior and Energy Evolution of Coal Models. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-12. | 0.7 | 4 |
| 20 | Influence of Fissure Number on the Mechanical Properties of Layer-Crack Rock Models under Uniaxial Compression. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-12. | 0.7 | 4 |
| 21 | Multiparameter Monitoring and Prevention of Fault-Slip Rock Burst. <i>Shock and Vibration</i> , 2017, 2017, 1-8. | 0.6 | 6 |
| 22 | Rock Strength Evaluation during Progressive Failure Process Based on Fractural Characterization. <i>Marine Georesources and Geotechnology</i> , 2016, 34, 759-763. | 2.1 | 5 |
| 23 | Reactive transport LBM model for CO2 injection in fractured reservoirs. <i>Computers and Geosciences</i> , 2016, 86, 15-22. | 4.2 | 27 |
| 24 | A coupled lattice Boltzmann model for simulating reactive transport in CO2 injection. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 403, 155-164. | 2.6 | 22 |
| 25 | A NUMERICAL STUDY ON PREMIXED MICROCOMBUSTION BY LATTICE BOLTZMANN METHOD. <i>International Journal of Modern Physics C</i> , 2012, 23, 1250037. | 1.7 | 4 |
| 26 | Rock Mechanical Property Influenced by Inhomogeneity. <i>Advances in Materials Science and Engineering</i> , 2012, 2012, 1-9. | 1.8 | 4 |
| 27 | Microstructure and component influences on rockburst tendency of diabase. , 2011, , . | | 0 |
| 28 | Quantitative prop support estimation and remote monitor early warning for hard roof weighting at the Muchengjian Mine in China. <i>Canadian Geotechnical Journal</i> , 2010, 47, 947-954. | 2.8 | 15 |
| 29 | Using GA-ANN algorithm to predicate coal bump energy. , 2009, , . | | 1 |
| 30 | MCA Model for Simulating the Failure of Microinhomogeneous Materials. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-7. | 2.7 | 63 |
| 31 | In-situ investigation on fractured evolution law of surrounding rock in weakly cemented soft rock roadway. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-13. | 2.3 | 3 |