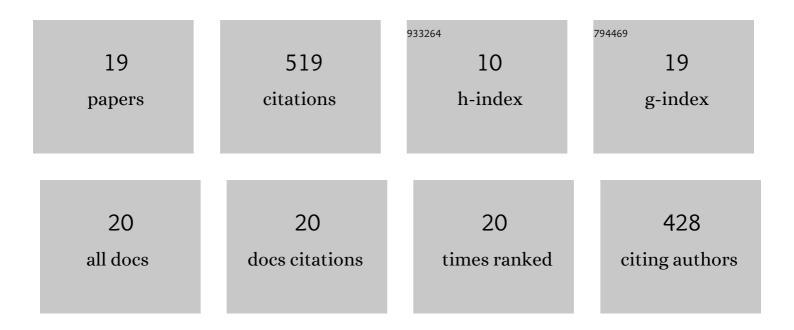
Bangbiao Wu

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Influence of grain-to-particle size ratio on the tensile mechanical response of granite based on a novel three-dimensional grain-based model. Engineering Fracture Mechanics, 2022, 259, 108161. | 2.0 | 14 |
| 2 | Shear Response of Rough Rock Discontinuities Subjected to Impact Loading: Experimental Study and Theoretical Modelling. Lithosphere, 2022, 2022, . | 0.6 | 1 |
| 3 | Influence of freeze–thaw cycling on the dynamic compressive failure of rocks subjected to hydrostatic pressure. Bulletin of Engineering Geology and the Environment, 2022, 81, . | 1.6 | 10 |
| 4 | Effect of water content on the mechanical properties of an artificial porous rock. Bulletin of Engineering Geology and the Environment, 2021, 80, 7669-7681. | 1.6 | 10 |
| 5 | Blasting vibration effect on the buried pipeline: A brief overview. Engineering Failure Analysis, 2021, 129, 105709. | 1.8 | 20 |
| 6 | Influence of Discontinuities on Rock Failure under Blasting at Shuangjiangkou Hydropower Station. Shock and Vibration, 2021, 2021, 1-17. | 0.3 | 1 |
| 7 | A quasi-distributed monitoring method for ground settlement using pulse pre-pump Brillouin optical time domain analysis. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107284. | 2.5 | 6 |
| 8 | Fracture Modes of Single-Flawed Rock-Like Material Plates Subjected to Dynamic Compression. International Journal of Geomechanics, 2020, 20, . | 1.3 | 18 |
| 9 | Theoretical modeling of the dynamic tensile response of Laurentian granite using the dominant crack algorithm. International Journal of Rock Mechanics and Minings Sciences, 2019, 123, 104077. | 2.6 | 5 |
| 10 | Dynamic tensile failure of Laurentian granite subjected to triaxial confinement. Geotechnique Letters, 2019, 9, 116-120. | 0.6 | 8 |
| 11 | A Coupled Damage-Permeability Constitutive Model for Brittle Rocks Subjected to Explosive Loading. Advances in Civil Engineering, 2018, 2018, 1-9. | 0.4 | 3 |
| 12 | Dynamic rock tensile strengths of Laurentian granite: Experimental observation and micromechanical model. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 116-124. | 3.7 | 48 |
| 13 | An Experimental Study of Dynamic Tensile Failure of Rocks Subjected to Hydrostatic Confinement. Rock Mechanics and Rock Engineering, 2016, 49, 3855-3864. | 2.6 | 82 |
| 14 | Determination of Dynamic Flexural Tensile Strength of Thermally Treated Laurentian Granite Using Semi-Circular Specimens. Rock Mechanics and Rock Engineering, 2016, 49, 3887-3898. | 2.6 | 40 |
| 15 | Dynamic tensile failure of rocks under static pre-tension. International Journal of Rock Mechanics and Minings Sciences, 2015, 80, 12-18. | 2.6 | 81 |
| 16 | An experimental method to quantify the impact fatigue behavior of rocks. Measurement Science and Technology, 2014, 25, 075002. | 1.4 | 21 |
| 17 | An Experimental Study on the Mechanical Characteristics of Sandstone-Like Material with Preset Filling Joints. Applied Mechanics and Materials, 2013, 353-356, 644-649. | 0.2 | 0 |
| 18 | Support vector machines approach to mean particle size of rock fragmentation due to bench blasting prediction. Transactions of Nonferrous Metals Society of China, 2012, 22, 432-441. | 1.7 | 106 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Predicting pillar stability for underground mine using Fisher discriminant analysis and SVM methods. Transactions of Nonferrous Metals Society of China, 2011, 21, 2734-2743. | 1.7 | 43 |