

Tianyang Guo

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Microcracking mechanisms of cyclic freeze-thaw treated red sandstone: Insights from acoustic emission and thin-section analysis. <i>Construction and Building Materials</i> , 2022, 329, 127097. | 7.2 | 13 |
| 2 | Acoustic Emission Characteristics During the Microcracking Processes of Granite, Marble and Sandstone Under Mode I Loading. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 5467-5489. | 5.4 | 12 |
| 3 | Microcracking behavior transition in thermally treated granite under mode I loading. <i>Engineering Geology</i> , 2021, 282, 105992. | 6.3 | 31 |
| 4 | Cracking mechanisms of a medium-grained granite under mixed-mode I-II loading illuminated by acoustic emission. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 145, 104852. | 5.8 | 20 |
| 5 | How do thermally induced microcracks alter microcracking mechanisms in Hong Kong granite?. <i>Engineering Geology</i> , 2021, 292, 106268. | 6.3 | 14 |
| 6 | The Role of Load Control Modes in Determination of Mechanical Properties of Granite. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 539-552. | 5.4 | 14 |
| 7 | Microcracking behavior of three granites under mode I loading: Insights from acoustic emission. <i>Engineering Geology</i> , 2020, 278, 105823. | 6.3 | 45 |
| 8 | Microcracking behavior of two semi-circular bend specimens in mode I fracture toughness test of granite. <i>Engineering Fracture Mechanics</i> , 2019, 221, 106565. | 4.3 | 46 |
| 9 | Experimental Study of Cracking Characteristics of Kowloon Granite Based on Three Mode I Fracture Toughness Methods. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 4217-4235. | 5.4 | 49 |