

# Tianyang Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

244  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Microcracking behavior of three granites under mode I loading: Insights from acoustic emission. <i>Engineering Geology</i> , 2020, 278, 105823.	6.3	45
4	Microcracking behavior transition in thermally treated granite under mode I loading. <i>Engineering Geology</i> , 2021, 282, 105992.	6.3	31
5	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
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	How do thermally induced microcracks alter microcracking mechanisms in Hong Kong granite?. <i>Engineering Geology</i> , 2021, 292, 106268.	6.3	14
8	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
9	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