

Luke Griffiths

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6006657/publications.pdf>

Version: 2024-02-01

12
papers

471
citations

1307594

7
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of microcrack characteristics and implications for stiffness and strength of granite. International Journal of Rock Mechanics and Minings Sciences, 2017, 100, 138-150.	5.8	147
2	Thermal Cracking in Westerly Granite Monitored Using Direct Wave Velocity, Coda Wave Interferometry, and Acoustic Emissions. Journal of Geophysical Research: Solid Earth, 2018, 123, 2246-2261.	3.4	107
3	The influence of pore geometry and orientation on the strength and stiffness of porous rock. Journal of Structural Geology, 2017, 96, 149-160.	2.3	83
4	Geothermal implications for fracture-filling hydrothermal precipitation. Geothermics, 2016, 64, 235-245.	3.4	58
5	The fire resistance of high-strength concrete containing natural zeolites. Cement and Concrete Composites, 2021, 116, 103897.	10.7	24
6	The tensile strength of volcanic rocks: Experiments and models. Journal of Volcanology and Geothermal Research, 2021, 418, 107348.	2.1	16
7	Fire resistance of the Mt. Epomeo Green Tuff, a widely-used building stone on Ischia Island (Italy). Volcanica, 2018, 1, 33-48.	1.8	15
8	Induced-seismicity geomechanics for controlled CO2 storage in the North Sea (IGCCS). International Journal of Greenhouse Gas Control, 2022, 115, 103614.	4.6	7
9	Editorial: Energy, Resources and the Environment – Interdisciplinary answers to approach the sustainable energy and resources conundrum. Advances in Geosciences, 0, 45, 163-166.	12.0	5
10	Inferring microseismic source mechanisms and in situ stresses during triaxial deformation of a North-Sea-analogue sandstone. Advances in Geosciences, 0, 49, 85-93.	12.0	5
11	Coda wave interferometry during the heating of deep geothermal reservoir rocks. Geothermal Energy, 2018, 6, .	1.9	2
12	Trace Warping vs. Impedance Warping in 4D Seismic Inversion. , 2015, , .		2