

# Fan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4263845/publications.pdf>

Version: 2024-02-01

13  
papers

290  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Investigation on Physical and Mechanical Properties of Granite After Heating and Water-Cooling Treatment. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 677-694.	5.4	184
2	Influence of cooling rate on thermal degradation of physical and mechanical properties of granite. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 129, 104285.	5.8	34
3	A thermo-plastic/viscoplastic damage model for geomaterials. <i>Acta Mechanica Solida Sinica</i> , 2011, 24, 195-208.	1.9	19
4	Modeling of hydraulic fracturing in viscoelastic formations with the fractional Maxwell model. <i>Computers and Geotechnics</i> , 2020, 126, 103723.	4.7	17
5	Modelling of time-dependent proppant embedment and its influence on tight gas production. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 82, 103519.	4.4	11
6	Evolution of bulk compressibility and permeability of granite due to thermal cracking. <i>Geotechnique</i> , 2019, 69, 906-916.	4.0	9
7	Experimental investigations on the tensile behaviour of granite after heating and water-cooling treatment. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 5909-5920.	3.5	7
8	Modification of poroelastic properties in granite by heating&quot;cooling treatment. <i>Acta Geotechnica</i> , 2021, 16, 2165-2173.	5.7	6
9	Effects of Real-Time High Temperature and Loading Rate on Deformation and Strength Behavior of Granite. <i>Geofluids</i> , 2022, 2022, 1-11.	0.7	2
10	Experimental Study on Thermal Expansion Behavior of Concrete under Three-Dimensional Stress. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-8.	0.7	1
11	Evolution of Strength Parameters for Sandstone Specimens during Triaxial Compression Tests. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.7	0
12	Analytical and Numerical Modelling of Creep Deformation of Viscoelastic Thick-Walled Cylinder with Fractional Maxwell Model. <i>Materials</i> , 2021, 14, 4849.	2.9	0
13	Effects of high temperatures and unloading confining pressures on granite. <i>Environmental Geotechnics</i> , 2024, 11, 51-61.	2.3	0