

Shihuai Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8486043/publications.pdf>

Version: 2024-02-01

11
papers

201
citations

1162367

8
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic Emission Associated with Self-Sustaining Failure in Low-Porosity Sandstone Under Uniaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 2067-2085.	2.6	39
2	A generalized nonlinear failure criterion for frictional materials. <i>Acta Geotechnica</i> , 2017, 12, 1353-1371.	2.9	27
3	Study on the deformation and strength characteristics of hard rock under true triaxial stress state using bonded-particle model. <i>Computers and Geotechnics</i> , 2019, 112, 1-16.	2.3	27
4	Three-dimensional evolution of damage in sandstone Brazilian discs by the concurrent use of active and passive ultrasonic techniques. <i>Acta Geotechnica</i> , 2020, 15, 393-408.	2.9	27
5	Three-dimensional strength estimation of intact rocks using a modified Hoek-Brown criterion based on a new deviatoric function. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 107, 181-190.	2.6	24
6	Strength and deformability of a low-porosity sandstone under true triaxial compression conditions. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 127, 104204.	2.6	23
7	Mechanical Behavior of a Granite from Wuyi Mountain: Insights from Strain-Based Approaches. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 719-736.	2.6	11
8	How Does In Situ Stress Rotate Within a Fault Zone? Insights From Explicit Modeling of the Frictional, Fractured Rock Mass. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022348.	1.4	11
9	Global Frictional Equilibrium via Stochastic, Local Coulomb Frictional Slips. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021404.	1.4	7
10	Fault slip potential induced by fluid injection in the Matouying enhanced geothermal system (EGS) field, Tangshan seismic region, North China. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 2257-2287.	1.5	4
11	Analytical solution and numerical verification for the pressure-relief method of a circular tunnel. <i>Engineering Review</i> , 2018, 38, 338-351.	0.2	0