Yunjin Hu

List of Publications by Year
in descending order

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		1163117	888059
20	297	8	17
papers	citations	h-index	g-index

20	20	20	283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Size effect on the hydraulic behavior of fluid flow through rough-walled fractures: a case of radial flow. Hydrogeology Journal, 2022, 30, 97-109.	2.1	5
2	Study on Three-Dimensional Dynamic Stability of Open-Pit High Slope under Blasting Vibration. Lithosphere, 2022, 2021, .	1.4	47
3	Influence of Coarse Aggregate Size on the Bonding between CFRP Sheets and Metakaolin-Based Geopolymer Concrete and Ordinary Concrete. Journal of Composites for Construction, 2022, 26, .	3.2	4
4	Size effect on the hydraulic behavior of fluid flow through a single rough-walled fracture. Soil Dynamics and Earthquake Engineering, 2021, 143, 106615.	3.8	8
5	Experimental Study of Rainfall Infiltration in an Analog Fracture-matrix System. Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.8	1
6	Seepage Flow Properties of a Columnar Jointed Rock Mass in a True Triaxial Experiment. Geofluids, 2021, 2021, 1-18.	0.7	2
7	Experimental and numerical assessment of hydraulic characteristic of a new semi-frustum weir in the pool-weir fishway. Ecological Engineering, 2021, 170, 106362.	3.6	7
8	Frictional Behavior of the Stressed Basalt Fracture. IOP Conference Series: Earth and Environmental Science, 2021, 861, 052003.	0.3	1
9	Evolution characteristics of mining fissures in overlying strata of stope after converting from open-pit to underground. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	38
10	Evolution of Coal Permeability during Gas Injectionâ€"From Initial to Ultimate Equilibrium. Energies, 2018, 11, 2800.	3.1	16
11	An SBFEM-Based Model for Hydraulic Fracturing in Quasi-Brittle Materials. Acta Mechanica Solida Sinica, 2018, 31, 416-432.	1.9	8
12	Evolution of Strength and Permeability in Stressed Fractures with Fluidâ€"Rock Interactions. Pure and Applied Geophysics, 2016, 173, 525-536.	1.9	19
13	A New Method for Determination of Joint Roughness Coefficient of Rock Joints. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	5
14	Investigation of changes in water resources and grain production in China: changing patterns and uncertainties. Theoretical and Applied Climatology, 2015, 122, 557-565.	2.8	14
15	Generalized Models for Rock Joint Surface Shapes. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	1
16	Simulation of hydraulic fracturing in rock mass using a smeared crack model. Computers and Structures, 2014, 137, 72-77.	4.4	26
17	An elementâ€free Galerkin method for 3D crack propagation simulation under complicated stress conditions. International Journal for Numerical Methods in Engineering, 2012, 91, 1251-1263.	2.8	6
18	Comparison between empirical estimation by JRC-JCS model and direct shear test for joint shear strength. Journal of Earth Science (Wuhan, China), 2011, 22, 411-420.	3.2	28

#	Article	IF	Citations
19	An adaptive scaled boundary finite element method by subdividing subdomains for elastodynamic problems. Science China Technological Sciences, 2011, 54, 101-110.	4.0	7
20	Measurement of joint roughness coefficient by using profilograph and roughness ruler. Journal of Earth Science (Wuhan, China), 2009, 20, 890-896.	3.2	54