

Xu-Xu Yang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

381
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of parallel joint interaction on mechanical behavior of jointed rock mass models. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2017, 92, 40-53.	2.6	104
2	Numerical investigation of the shear behavior of granite materials containing discontinuous joints by utilizing the flat-joint model. <i>Computers and Geotechnics</i> , 2018, 104, 69-80.	2.3	79
3	Deformation and Damage Failure Behavior of Mudstone Specimens Under Single-Stage and Multi-stage Triaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 673-689.	2.6	44
4	Laboratory investigation of mechanical behavior of granite samples containing discontinuous joints through direct shear tests. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	29
5	Geometric and mechanical properties of a shear-formed fracture occurring in a rock bridge between discontinuous joints. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 1365-1380.	1.6	27
6	Mechanical properties and constitutive equations of crumb rubber mortars. <i>Construction and Building Materials</i> , 2018, 172, 660-669.	3.2	18
7	Failure behavior around a circular opening in a rock mass with non-persistent joints: A parallel-bond stress corrosion approach. <i>Journal of Central South University</i> , 2017, 24, 2406-2420.	1.2	13
8	Detailed comparison of nine intact rock failure criteria using polyaxial intact coal strength data obtained through PFC3D simulations. <i>Acta Geotechnica</i> , 2018, 13, 419.	2.9	11
9	Numerical Investigation of the Failure Mechanism of Transversely Isotropic Rocks with a Particle Flow Modeling Method. <i>Processes</i> , 2018, 6, 171.	1.3	11
10	Effect of Joint Micro Mechanical Parameters on a Jointed Rock Block Behavior Adjacent to an Underground Excavation: A Particle Flow Approach. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 431-453.	0.8	11
11	Experimental study on the shear behavior of grout-infilled specimens and micromechanical properties of grout-rock interface. <i>Journal of Central South University</i> , 2022, 29, 1686-1700.	1.2	11
12	Influence of Small, Clear Distance Cross-Tunnel Blasting Excavation on Existing Tunnel below. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-16.	0.4	9
13	Experimental investigation of the mechanical behaviors of brittle rock materials containing en echelon boreholes. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	9
14	Optimally designed shotcrete material and its cooperating performance when integrated with sandstone. <i>Construction and Building Materials</i> , 2020, 249, 118742.	3.2	4
15	Experimental study of the mechanical performances of sandstone blocks healed with mortar taken from shotcrete basic mix. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	1