

Mahdi Saadat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1921366/publications.pdf>

Version: 2024-02-01

10
papers

381
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of early age behavior of cemented paste backfill through the magnitude and frequency spectrum of ultrasonic P-wave. <i>Construction and Building Materials</i> , 2020, 249, 118733.	7.2	79
2	A numerical approach to investigate the effects of rock texture on the damage and crack propagation of a pre-cracked granite. <i>Computers and Geotechnics</i> , 2019, 111, 89-111.	4.7	71
3	Modelling Micro-cracking Behaviour of Pre-cracked Granite Using Grain-Based Distinct Element Model. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 4669-4692.	5.4	48
4	A cohesive discrete element based approach to characterizing the shear behavior of cohesive soil and clay-infilled rock joints. <i>Computers and Geotechnics</i> , 2019, 114, 103109.	4.7	41
5	A cohesive grain based model to simulate shear behaviour of rock joints with asperity damage in polycrystalline rock. <i>Computers and Geotechnics</i> , 2020, 117, 103254.	4.7	39
6	Effect of Contributing Parameters on the Behaviour of a Bolted Rock Joint Subjected to Combined Pull-and-Shear Loading: A DEM Approach. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 383-409.	5.4	36
7	Modelling micro-cracking behaviour of granite during direct tensile test using cohesive GBM approach. <i>Engineering Fracture Mechanics</i> , 2020, 239, 107297.	4.3	23
8	A numerical study to investigate the influence of surface roughness and boundary condition on the shear behaviour of rock joints. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 2483-2498.	3.5	20
9	Investigating asperity damage of natural rock joints in polycrystalline rocks under confining pressure using grain-based model. <i>Computers and Geotechnics</i> , 2021, 135, 104144.	4.7	17
10	Incorporating asperity strength into rock joint constitutive model for approximating asperity damage: An insight from DEM modelling. <i>Engineering Fracture Mechanics</i> , 2021, 248, 107744.	4.3	7