

Danqi Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

522
citations

567281

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752698

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21
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Shear Strength Criterion of Three-Dimensional Rock Joints. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 1477-1483.	5.4	47
2	Experimental and numerical studies on progressive debonding of grouted rock bolts. <i>International Journal of Mining Science and Technology</i> , 2022, 32, 63-74.	10.3	45
3	Anchorage performance of a modified cable anchor subjected to different joint opening conditions. <i>Construction and Building Materials</i> , 2022, 336, 127558.	7.2	37
4	A constitutive model for load-displacement performance of modified cable bolts. <i>Tunnelling and Underground Space Technology</i> , 2017, 68, 95-105.	6.2	36
5	Numerical simulation of fully encapsulated rock bolts with a tri-linear constitutive relation. <i>Tunnelling and Underground Space Technology</i> , 2022, 120, 104265.	6.2	34
6	A constitutive model for modified cable bolts exhibiting cone shaped failure mode. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 145, 104855.	5.8	33
7	An analytical model for axial performance of rock bolts under constant confining pressure based on continuously yielding criterion. <i>Tunnelling and Underground Space Technology</i> , 2021, 113, 103955.	6.2	30
8	Comparison of the coal dust suppression performance of surfactants using static test and dynamic test. <i>Journal of Cleaner Production</i> , 2021, 328, 129633.	9.3	30
9	Experimental and analytical study on the mechanical behaviour of cable bolts subjected to axial loading and constant normal stiffness. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019, 113, 83-91.	5.8	29
10	Simulating Hydraulic Fracture Re-orientation in Heterogeneous Rocks with an Improved Discrete Element Method. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 2859-2879.	5.4	26
11	Parametric study of fully grouted cable bolts subjected to axial loading. <i>Canadian Geotechnical Journal</i> , 2019, 56, 1514-1525.	2.8	25
12	Mechanical Characterisation of Modified Cable Bolts Under Axial Loading: An Extensive Parametric Study. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 2895-2910.	5.4	24
13	Analytical Modelling of Load-Displacement Performance of Cable Bolts Incorporating Cracking Propagation. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 3471-3483.	5.4	24
14	Assessing the mechanical performance of different cable bolts based on design of experiments techniques and analysis of variance. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 130, 104307.	5.8	23
15	Microcrack fracturing of coal specimens under quasi-static combined compression-shear loading. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020, 12, 1014-1026.	8.1	20
16	Long term leaching behavior of arsenic from cemented paste backfill made of construction and demolition waste: Experimental and numerical simulation studies. <i>Journal of Hazardous Materials</i> , 2021, 416, 125813.	12.4	16
17	A data-driven field-scale approach to estimate the permeability of fractured rocks. <i>International Journal of Mining, Reclamation and Environment</i> , 2022, 36, 671-687.	2.8	16
18	Analytic Study on the Force Transfer of Full Encapsulating Rock Bolts Subjected to Tensile Force. <i>International Journal of Applied Mechanics</i> , 2021, 13, .	2.2	13

#	ARTICLE	IF	CITATIONS
19	Analytical modelling of the shear behaviour of rock joints with progressive degradation of two-order roughness. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 2687-2703.	3.3	7
20	Laboratory investigation on microcrack fracturing behaviour of granite under quasi-static combined compression and shear. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2021, 7, 1.	2.9	7
21	Analysis on the Shear Stress Propagation Mechanism in the Rock Reinforcement System. Frontiers in Earth Science, 0, 10, .	1.8	0