

Qiang Feng

List of Publications by Year in descending order

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14
papers

347
citations

933447

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1058476

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all docs

14
docs citations

14
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on a Damage Model and Uniaxial Compression Simulation Method of Frozen“Thawed Rock. Rock Mechanics and Rock Engineering, 2022, 55, 187-211.	5.4	74
2	Asymmetric deformation failure mechanism and support technology of roadways under non-uniform pressure from a mining disturbance. Bulletin of Engineering Geology and the Environment, 2022, 81, .	3.5	11
3	Primary support optimization of large-span and shallow buried hard rock tunnels based on the active support concept. Scientific Reports, 2022, 12, 7918.	3.3	1
4	Elastoplastic Analytical Solution for the Stress and Deformation of the Surrounding Rock in Cold Region Tunnels Considering the Influence of the Temperature Field. International Journal of Geomechanics, 2022, 22, .	2.7	40
5	Experimental Study of the Anisotropic Frost Heave Characteristics of Rock Surrounding Tunnels in Cold Regions. Journal of Cold Regions Engineering - ASCE, 2021, 35, .	1.1	10
6	Analytical Elasto-plastic Solution for Frost Force of Cold-Region Tunnels considering Anisotropic Frost Heave in the Surrounding Rock. KSCE Journal of Civil Engineering, 2019, 23, 3831-3842.	1.9	25
7	Analytical Solution for Fracture of Stope Roof Based on Pasternak Foundation Model. Soil Mechanics and Foundation Engineering, 2019, 56, 142-150.	0.7	5
8	Road Engineering Field Tests on an Artificial Crust Layer Combined with Pre-Stressed Pipe Piles over Soft Ground. Soil Mechanics and Foundation Engineering, 2018, 54, 402-408.	0.7	11
9	Elasto-plastic solution for cold-regional tunnels considering the compound effect of non-uniform frost heave, supporting strength and supporting time. Tunnelling and Underground Space Technology, 2018, 82, 293-302.	6.2	17
10	Analytical solution for the stress and deformation of rock surrounding a cold-regional tunnel under unequal compression. Cold Regions Science and Technology, 2017, 139, 1-10.	3.5	24
11	Analytical solution for a circular roadway considering the transient effect of excavation unloading. International Journal of Mining Science and Technology, 2016, 26, 543-549.	10.3	14
12	Reliability research on the 5-cm-thick insulation layer used in the Yuximolegai tunnel based on a physical model test. Cold Regions Science and Technology, 2016, 124, 54-66.	3.5	52
13	Analytical solution for stress and deformation of the mining floor based on integral transform. International Journal of Mining Science and Technology, 2015, 25, 581-586.	10.3	13
14	Analytical elasto-plastic solution for stress and deformation of surrounding rock in cold region tunnels. Cold Regions Science and Technology, 2014, 108, 59-68.	3.5	50