

Xin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

294
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of brittle rock failure considering inter- and intra-grain contact failures. Computers and Geotechnics, 2018, 101, 224-244.	4.7	87
2	A comprehensive parametric study of grain-based models for rock failure process simulation. International Journal of Rock Mechanics and Minings Sciences, 2019, 115, 60-76.	5.8	48
3	Influence of wavelength-to-excavation span ratio on ground motion around deep underground excavations. Tunnelling and Underground Space Technology, 2015, 49, 438-453.	6.2	33
4	A DFNâ€“DEM Multi-scale Modeling Approach for Simulating Tunnel Excavation Response in Jointed Rock Masses. Rock Mechanics and Rock Engineering, 2020, 53, 1053-1077.	5.4	31
5	Development and application of a goaf-safety monitoring system using multi-sensor information fusion. Tunnelling and Underground Space Technology, 2019, 94, 103112.	6.2	26
6	Numerical modeling of seismic wave propagation and ground motion in underground mines. Tunnelling and Underground Space Technology, 2017, 68, 211-230.	6.2	23
7	Non-parallel double-crack propagation in rock-like materials under uniaxial compression. International Journal of Coal Science and Technology, 2019, 6, 372-387.	6.0	23
8	Analysis of Spatialâ€“Temporal Evolution of Mining-Induced Fracture Field: A Case Study Using Image Processing in the Shaqu Coal Mine, China. Natural Resources Research, 2020, 29, 1601-1615.	4.7	16
9	Wave propagation simulation in underground mines by SPEC-FEM2D. , 2014, , .		4
10	Investigation on long-term progressive deformation of engineering slope based on comprehensive monitoring. Journal of Mountain Science, 2022, 19, 1576-1587.	2.0	2
11	A Method to Estimate Shear Quality Factor of Hard Rocks. Pure and Applied Geophysics, 2017, 174, 2689-2703.	1.9	1