

Yinlin Ji

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

580
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Unloading-induced failure of brittle rock and implications for excavation-induced strain burst. <i>Tunnelling and Underground Space Technology</i> , 2019, 84, 495-506.	6.2	76
2	Understanding injection-induced seismicity in enhanced geothermal systems: From the coupled thermo-hydro-mechanical-chemical process to anthropogenic earthquake prediction. <i>Earth-Science Reviews</i> , 2020, 205, 103182.	9.1	74
3	A comparative study of dust control practices in Chinese and Australian longwall coal mines. <i>International Journal of Mining Science and Technology</i> , 2016, 26, 199-208.	10.3	68
4	Unloading-induced rock fracture activation and maximum seismic moment prediction. <i>Engineering Geology</i> , 2019, 262, 105352.	6.3	53
5	Injection-driven fracture instability in granite: Mechanism and implications. <i>Tectonophysics</i> , 2020, 791, 228572.	2.2	46
6	Effect of fluid pressure heterogeneity on injection-induced fracture activation. <i>Computers and Geotechnics</i> , 2020, 123, 103589.	4.7	46
7	Excavation-induced fault instability: Possible causes and implications for seismicity. <i>Tunnelling and Underground Space Technology</i> , 2019, 92, 103041.	6.2	35
8	Effect of mechanical heterogeneity on hydraulic fracture propagation in unconventional gas reservoirs. <i>Computers and Geotechnics</i> , 2020, 125, 103652.	4.7	34
9	Cyclic Water Injection Potentially Mitigates Seismic Risks by Promoting Slow and Stable Slip of a Natural Fracture in Granite. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 5389-5405.	5.4	31
10	Laboratory experiments on fault behavior towards better understanding of injection-induced seismicity in geenergy systems. <i>Earth-Science Reviews</i> , 2022, 226, 103916.	9.1	28
11	Fluid Overpressurization of Rock Fractures: Experimental Investigation and Analytical Modeling. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 3039-3050.	5.4	17
12	Mitigation of injection-induced seismicity on undrained faults in granite using cyclic fluid injection: A laboratory study. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 146, 104881.	5.8	13
13	What can the changes in shield resistance tell us during the period of shearer's cutting and neighboring shields' advance?. <i>International Journal of Mining Science and Technology</i> , 2015, 25, 361-367.	10.3	12
14	Temperature-dependent abrasivity of Bukit Timah granite and implications for drill bit wear in thermo-mechanical drilling. <i>Acta Geotechnica</i> , 2021, 16, 885-893.	5.7	11
15	Shield-Roof Interaction in Longwall Panels: Insights from Field Data and Their Application to Ground Control. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-18.	0.7	10
16	Effect of fluid pressure gradient on the factor of safety in rock stability analysis. <i>Engineering Geology</i> , 2021, 294, 106346.	6.3	9
17	Revisiting the Evaluation of Hydraulic Transmissivity of Elliptical Rock Fractures in Triaxial Shear-Flow Experiments. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 3781-3789.	5.4	7
18	Effects of external temperature and dead volume on laboratory measurements of pore pressure and injected volume in a rock fracture. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 1461-1469.	8.1	6

#	ARTICLE	IF	CITATIONS
19	UNA METODOLOGÍA INTEGRAL DE PROTECCIÓN PARA PREDECIR LOS RIESGOS DE APANTALLAMIENTO EN MINAS DE CARBÓN EN ESTADOS UNIDOS. Dyna (Spain), 2015, 90, 442-450.	0.2	3
20	Vulnerability Analysis of Soft Caving Tunnel Support System and Surrounding Rock Optimal Control Technology Research. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	1