

Zhendong Leng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

206
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of tunneling methods on the strainburst characteristics during the excavation of deep rock masses. <i>Engineering Geology</i> , 2016, 201, 85-95.	6.3	53
2	Evaluation and optimization of blasting approaches to reducing oversize boulders and toes in open-pit mine. <i>International Journal of Mining Science and Technology</i> , 2020, 30, 373-380.	10.3	40
3	Experimental and numerical investigation of the effect of blast-generated free surfaces on blasting vibration. <i>European Journal of Environmental and Civil Engineering</i> , 2018, 22, 1374-1398.	2.1	28
4	Damage zones induced by in situ stress unloading during excavation of diversion tunnels for the Jinping II hydropower project. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 4689-4715.	3.5	22
5	Mechanism of the in-hole detonation wave interactions in dual initiation with electronic detonators in bench blasting operation. <i>Computers and Geotechnics</i> , 2021, 129, 103873.	4.7	11
6	Rock mass utilization for the foundation surfaces of high arch dams in medium or high geo-stress regions: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 795-813.	3.5	9
7	Prediction of frequency-dependent attenuation of blast-induced vibration in underground excavation. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 2181-2198.	2.1	9
8	Effect of the Location of the Detonation Initiation Point for Bench Blasting. <i>Shock and Vibration</i> , 2015, 2015, 1-11.	0.6	7
9	Effect of Initiation Location within Blasthole on Blast Vibration Field and Its Mechanism. <i>Shock and Vibration</i> , 2019, 2019, 1-18.	0.6	6
10	Safety threshold of blasting vibration velocity in foundation excavation of Baihetan super-high arch dam. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 4999-5012.	3.5	6
11	Rockburst Prediction From the Perspective of Energy Release: A Case Study of a Diversion Tunnel at Jinping II Hydropower Station. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	6
12	Real-Time Assessment of Blasting Damage Depth Based on the Induced Vibration During Excavation of a High Rock Slope. <i>Geotechnical Testing Journal</i> , 2016, 39, 991-1005.	1.0	3
13	The influence of flowing water coupling condition on the result of rock mass acoustic test. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 1449-1459.	3.5	2
14	Mathematical and Mechanical Analysis of the Effect of Detonator Location and Its Improvement in Bench Blasting. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-14.	1.1	2
15	Development of a Model to Predict Vibrations Induced by Blasting Excavation of Deep Rock Masses under High In Situ Stress. <i>Shock and Vibration</i> , 2020, 2020, 1-14.	0.6	2