

# Qi Liu

## List of Publications by Year in descending order

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9  
papers

161  
citations

1307594

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1474206

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docs citations

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times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on disc cutter behaviors in cutting rocks of different strengths and reverse estimation of rock strengths from experimental cutting forces. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 1-27.	2.1	7
2	Mechanical and Acoustic Emission Responses of Rock Fragmentation under Disc Cutter Penetration. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-17.	0.7	3
3	Sensitivity analysis of fracture energies for the combined finite-discrete element method (FDEM). <i>Engineering Fracture Mechanics</i> , 2021, 251, 107793.	4.3	26
4	Numerical Study of Rock Fragmentation Process and Acoustic Emission by FDEM Based on Heterogeneous Model. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	1.1	7
5	Full-scale linear cutting test in Chongqing Sandstone and the comparison with field TBM excavation performance. <i>Acta Geotechnica</i> , 2019, 14, 1249-1268.	5.7	29
6	Investigation of the Rock Fragmentation Process by a Single TBM Cutter Using a Voronoi Element-Based Numerical Manifold Method. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 1137-1152.	5.4	24
7	Experimental study on rock indentation using infrared thermography and acoustic emission techniques. <i>Journal of Geophysics and Engineering</i> , 2018, 15, 1864-1877.	1.4	21
8	Microcracking Mechanism Analysis of Rock Failure in Diametral Compression Tests. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	28
9	Comparison between experimental and semi-theoretical disc cutter cutting forces: implications for frame stiffness of the linear cutting machine. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	16