

Guoyang Liu

List of Publications by Year in descending order

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8
papers

165
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Discontinuous Deformation Analysis of Failure Mechanisms and Movement Characteristics of Slope Rockfalls. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 275-296.	5.4	53
2	Failure Mechanisms of Toppling Rock Slopes Using a Three-Dimensional Discontinuous Deformation Analysis Method. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 3825-3848.	5.4	33
3	Deformation and stability of a discontinuity-controlled rock slope at Dagangshan hydropower station using three-dimensional discontinuous deformation analysis. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 130, 104313.	5.8	22
4	Experimental Verifications and Applications of 3D-DDA in Movement Characteristics and Disaster Processes of Rockfalls. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 2491-2512.	5.4	18
5	A Three-Dimensional Discontinuous Deformation Analysis Method for Investigating the Effect of Slope Geometrical Characteristics on Rockfall Behaviors. <i>International Journal of Computational Methods</i> , 2019, 16, 1850122.	1.3	16
6	Motion characteristics of rockfall by combining field experiments and 3D discontinuous deformation analysis. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 138, 104591.	5.8	13
7	Research on the Effect of Tree Barriers on Rockfall Using a Three-Dimensional Discontinuous Deformation Analysis Method. <i>International Journal of Computational Methods</i> , 2020, 17, 1950046.	1.3	9
8	Stability analysis of Xiluodu Hydropower Station right bank slope based on discontinuous deformation analysis method. <i>Engineering Computations</i> , 2022, 39, 2869-2894.	1.4	1