

Chen Cao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

509
citations

840776

11
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752698

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docs citations

22
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability evaluation of rock slope based on discrete fracture network and discrete element model: a case study for the right bank of Yigong Zangbu Bridge. <i>Acta Geotechnica</i> , 2022, 17, 1423-1441.	5.7	12
2	Sequence Analysis of Ancient River Blocking Events in SE Tibetan Plateau Using Multidisciplinary Approaches. <i>Water (Switzerland)</i> , 2022, 14, 968.	2.7	0
3	Identification of the Potential Critical Slip Surface for Fractured Rock Slope Using the Floyd Algorithm. <i>Remote Sensing</i> , 2022, 14, 1284.	4.0	12
4	Comparative Study on Potential Landslide Identification with ALOS-2 and Sentinel-1A Data in Heavy Forest Reach, Upstream of the Jinsha River. <i>Remote Sensing</i> , 2022, 14, 1962.	4.0	12
5	Refined landslide susceptibility analysis based on InSAR technology and UAV multi-source data. <i>Journal of Cleaner Production</i> , 2022, 368, 133146.	9.3	16
6	A comparative evaluation of machine learning algorithms and an improved optimal model for landslide susceptibility: a case study. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 1973-2001.	4.3	6
7	Quantitative estimation of debris flow source materials by integrating multi-source data: A case study. <i>Engineering Geology</i> , 2021, 291, 106222.	6.3	47
8	Preliminary Identification of Geological Hazards from Songpinggou to Feihong in Mao County along the Minjiang River Using SBAS-InSAR Technique Integrated Multiple Spatial Analysis Methods. <i>Sustainability</i> , 2021, 13, 1017.	3.2	22
9	A Progressive Framework for Delineating Homogeneous Domains in Complicated Fractured Rock Masses: A Case Study from the Xulong Dam Site, China. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 1623-1646.	5.4	12
10	Engineering Classification of Jointed Rock Mass Based on Connectional Expectation: A Case Study for Songta Dam Site, China. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15.	0.7	2
11	Geospatial Analysis of Mass-Wasting Susceptibility of Four Small Catchments in Mountainous Area of Miyun County, Beijing. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2801.	2.6	4
12	Softening Damage Analysis of Gypsum Rock With Water Immersion Time Based on Laboratory Experiment. <i>IEEE Access</i> , 2019, 7, 125575-125585.	4.2	53
13	Mapping debris flow susceptibility based on watershed unit and grid cell unit: a comparison study. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 1648-1666.	4.3	17
14	The Influence of Different Knowledge-Driven Methods on Landslide Susceptibility Mapping: A Case Study in the Changbai Mountain Area, Northeast China. <i>Entropy</i> , 2019, 21, 372.	2.2	22
15	Assessment of check dams' role in flood hazard mapping in a semi-arid environment. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 2239-2256.	4.3	12
16	Identification of structural domains by considering multiple discontinuity characteristics: a case study of the Songta Dam. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1589-1598.	3.5	10
17	An Approach to Predict Debris Flow Average Velocity. <i>Water (Switzerland)</i> , 2017, 9, 205.	2.7	11
18	Hazard Assessment of Debris-Flow along the Baicha River in Heshigten Banner, Inner Mongolia, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 30.	2.6	22

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19	Landslide Susceptibility Mapping in Vertical Distribution Law of Precipitation Area: Case of the Xulong Hydropower Station Reservoir, Southwestern China. <i>Water (Switzerland)</i> , 2016, 8, 270.	2.7	41
20	Flash Flood Hazard Susceptibility Mapping Using Frequency Ratio and Statistical Index Methods in Coalmine Subsidence Areas. <i>Sustainability</i> , 2016, 8, 948.	3.2	164
21	A multivariate method for identifying structural domain boundaries in a rock mass. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 1407-1418.	3.5	12