

Yi-fei Cui

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

974
citations

19
h-index

29
g-index

60
ext. papers

1,340
ext. citations

4.5
avg, IF

5.29
L-index

#	Paper	IF	Citations
56	Experimental study on the moving characteristics of fine grains in wide grading unconsolidated soil under heavy rainfall. <i>Journal of Mountain Science</i> , 2017 , 14, 417-431	2.1	74
55	The cost of rapid and haphazard urbanization: lessons learned from the Freetown landslide disaster. <i>Landslides</i> , 2019 , 16, 1167-1176	6.6	68
54	A new approach to DEM simulation of sand production. <i>Journal of Petroleum Science and Engineering</i> , 2016 , 147, 56-67	4.4	66
53	Effects of particle size of mono-disperse granular flows impacting a rigid barrier. <i>Natural Hazards</i> , 2018 , 91, 1179-1201	3	57
52	Coupling of solid deformation and pore pressure for undrained deformation—discrete element method approach. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2017 , 41, 1943-1961	4	49
51	The formation of the Wulipo landslide and the resulting debris flow in Dujiangyan City, China. <i>Journal of Mountain Science</i> , 2017 , 14, 1100-1112	2.1	47
50	Landslide reconstruction using seismic signal characteristics and numerical simulations: Case study of the 2017 8.24 Xinmo landslide. <i>Engineering Geology</i> , 2020 , 270, 105582	6	43
49	Investigation of the initiation of shallow failure in widely graded loose soil slopes considering interstitial flow and surface runoff. <i>Landslides</i> , 2019 , 16, 815-828	6.6	41
48	The characteristics of the Mocoa compound disaster event, Colombia. <i>Landslides</i> , 2018 , 15, 1223-1232	6.6	39
47	Distribution and characteristics of loess landslides triggered by the 1920 Haiyuan Earthquake, Northwest of China. <i>Geomorphology</i> , 2018 , 314, 1-12	4.3	35
46	Pore structure characteristics of debris flow source material in the Wenchuan earthquake area. <i>Engineering Geology</i> , 2020 , 267, 105499	6	33
45	Seismic signal recognition and interpretation of the 2019 7.23 Huicheng landslide by seismogram stations. <i>Landslides</i> , 2020 , 17, 1191-1206	6.6	32
44	Investigating the effects of clay/sand content on depositional mechanisms of submarine debris flows through physical and numerical modeling. <i>Landslides</i> , 2020 , 17, 1863-1880	6.6	28
43	Mass movement and formation process analysis of the two sequential landslide dam events in Jinsha River, Southwest China. <i>Landslides</i> , 2019 , 16, 2247-2258	6.6	25
42	The effect of topography on landslide kinematics: a case study of the Jichang town landslide in Guizhou, China. <i>Landslides</i> , 2020 , 17, 959-973	6.6	24
41	Discontinuum Modeling of Solid Deformation Pore-Water Diffusion Coupling. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017033	3.1	23
40	Earthquake-triggered landslides affecting a UNESCO Natural Site: the 2017 Jiuzhaigou Earthquake in the World National Park, China. <i>Journal of Mountain Science</i> , 2018 , 15, 1412-1428	2.1	23

39	Digital terrain analysis of a landslide on the loess tableland using high-resolution topography data. <i>Landslides</i> , 2019 , 16, 617-632	6.6	21
38	Temporal patterns of nonseismically triggered landslides in Shaanxi Province, China. <i>Catena</i> , 2020 , 187, 104356	5.8	20
37	Case Study: Effects of a Partial-Debris Dam on Riverbank Erosion in the Parlung Tsangpo River, China. <i>Water (Switzerland)</i> , 2018 , 10, 250	3	19
36	Discrete element analysis of a cross-river tunnel under random vibration levels induced by trains operating during the flood season. <i>Journal of Zhejiang University: Science A</i> , 2018 , 19, 346-366	2.1	18
35	Temporal and spatial distributions of landslides in the Qinba Mountains, Shaanxi Province, China. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 599-621	3.6	16
34	DEM simulation of shear vibrational fluidization of granular material. <i>Granular Matter</i> , 2018 , 20, 1	2.6	15
33	The influence of loess cave development upon landslides and geomorphologic evolution: A case study from the northwest Loess Plateau, China. <i>Geomorphology</i> , 2020 , 359, 107167	4.3	14
32	Effect of joint type on the shear behavior of synthetic rock. <i>Bulletin of Engineering Geology and the Environment</i> , 2019 , 78, 3395-3412	4	13
31	Investigation of Post-Fire Debris Flows in Montecito. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 5	2.9	12
30	Spatiotemporal distribution and evolution characteristics of successive landslides on the Heifangtai tableland of the Chinese Loess Plateau. <i>Geomorphology</i> , 2021 , 378, 107619	4.3	12
29	Seismic signal characteristics and interpretation of the 2020 8.17 Danba landslide dam failure hazard chain process. <i>Landslides</i> , 2021 , 18, 2175	6.6	10
28	Barrier lake formation due to landslide impacting a river: A numerical study using a double layer-averaged two-phase flow model. <i>Applied Mathematical Modelling</i> , 2020 , 80, 574-601	4.5	8
27	Impact of Pore Geometry and Water Saturation on Gas Effective Diffusion Coefficient in Soil. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2097	2.6	8
26	Discrete element modeling of a cross-river tunnel under subway train operation during peak and off-peak periods. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	7
25	Size distribution and size of loess slides in response to slope height and slope gradient based on field survey data. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 1443-1458	3.6	7
24	Utilizing crowdsourcing to enhance the mitigation and management of landslides. <i>Landslides</i> , 2018 , 15, 1889-1899	6.6	7
23	Numerical investigation of the landslide-debris flow transformation process considering topographic and entrainment effects: a case study. <i>Landslides</i> , 2022 , 19, 773	6.6	7
22	Watch Out for the Tailings Pond, a Sharp Edge Hanging over Our Heads: Lessons Learned and Perceptions from the Brumadinho Tailings Dam Failure Disaster. <i>Remote Sensing</i> , 2021 , 13, 1775	5	7

21	Coupling InSAR and numerical modeling for characterizing landslide movements under complex loads in urbanized hillslopes. <i>Landslides</i> , 2021 , 18, 1611-1623	6.6	7
20	Assessment of local outburst flood risk from successive landslides: Case study of Baige landslide-dammed lake, upper Jinsha river, eastern Tibet. <i>Journal of Hydrology</i> , 2021 , 599, 126294	6	6
19	3D DEM insights into the effect of particle overall regularity on macro and micro mechanical behaviours of dense sands. <i>Computers and Geotechnics</i> , 2021 , 132, 103965	4.4	5
18	Back analysis of a debris landslide based on a real-time video recording: sliding process and post-slide investigation. <i>Bulletin of Engineering Geology and the Environment</i> , 2016 , 75, 647-658	4	4
17	Temporal evolution of the hydromechanical properties of soil-root systems in a forest fire in China. <i>Science of the Total Environment</i> , 2021 , 809, 151165	10.2	4
16	Hydro-sediment-morphodynamic processes of the baige landslide-induced barrier Lake, Jinsha River, China. <i>Journal of Hydrology</i> , 2021 , 596, 126134	6	4
15	Solidfluid sequentially coupled simulation of internal erosion of soils due to seepage. <i>Granular Matter</i> , 2021 , 23, 1	2.6	4
14	Erosion and transport mechanisms of mine waste along gullies. <i>Journal of Mountain Science</i> , 2019 , 16, 402-413	2.1	3
13	Ecological risk resonance of urbanization and its effect on geohazard disaster: the case of Freetown, Sierra Leone. <i>Urban Ecosystems</i> , 2020 , 23, 1141-1152	2.8	3
12	Remote Sensing Characterization of Mountain Excavation and City Construction in Loess Plateau. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095230	4.9	2
11	Spatiotemporal Distribution of Nonseismic Landslides during the Last 22 Years in Shaanxi Province, China. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 505	2.9	2
10	Correlation between grain shape and critical state characteristics of uniformly graded sands: A 3D DEM study. <i>Acta Geotechnica</i> , 1	4.9	1
9	The Effect of Climate Change on Alpine Mountain Hazards Chain: A Case Study in Tianmo Ravine, Tibet, China. <i>Environmental Science and Engineering</i> , 2019 , 461-470	0.2	1
8	Complex Deformation Monitoring of Shield Tunnel Segment Joints Using Distributed Fiber Optic Sensing Technology: Experimental Verification. <i>IEEE Sensors Journal</i> , 2022 , 22, 3236-3245	4	0
7	Microscopic Aspects of Internal Erosion Processes in Gap-Graded Soils. <i>Springer Series in Geomechanics and Geoengineering</i> , 2020 , 267-273	0.1	0
6	Numerical evaluation of particle shape effect on small strain properties of granular soils. <i>Engineering Geology</i> , 2022 , 106652	6	0
5	A new insight into the dynamic impact between geophysical flow and rigid barrier. <i>Computers and Geotechnics</i> , 2022 , 148, 104790	4.4	0
4	A novel friction weakening-based dynamic model for landslide runout assessment along the Sichuan-Tibet Railway. <i>Engineering Geology</i> , 2022 , 106721	6	0

- 3 Quantitative Analysis of Landslide Processes Based on Seismic Signals: A New Method for Monitoring and Early Warning of Landslide Hazards. *ICL Contribution To Landslide Disaster Risk Reduction*, **2021**, 191-196
- 2 Controls on Landslide Size: Insights from Field Survey Data. *ICL Contribution To Landslide Disaster Risk Reduction*, **2021**, 101-119
- 1 Investigation of Internal Erosion of Wide Grading Loose Soil: A Micromechanics-Based Study. *ICL Contribution To Landslide Disaster Risk Reduction*, **2021**, 155-161