Yi-fei Cui

List of Publications by Year
in descending order

57	1,684	257357	315616
57 papers	**1,684** citations	**24** h-index	**38** g-index
60 all docs	**60** docs citations	**60** times ranked	**1026** citing authors

#	ARTICLE	IF	CITATIONS
1	The cost of rapid and haphazard urbanization: lessons learned from the Freetown landslide disaster. Landslides, 2019, 16, 1167-1176.	2.7	120
2	Experimental study on the moving characteristics of fine grains in wide grading unconsolidated soil under heavy rainfall. Journal of Mountain Science, 2017, 14, 417-431.	0.8	105
3	A new approach to DEM simulation of sand production. Journal of Petroleum Science and Engineering, 2016, 147, 56-67.	2.1	80
4	Effects of particle size of mono-disperse granular flows impacting a rigid barrier. Natural Hazards, 2018, 91, 1179-1201.	1.6	78
5	Distribution and characteristics of loess landslides triggered by the 1920 Haiyuan Earthquake, Northwest of China. Geomorphology, 2018, 314, 1-12.	1.1	67
6	The formation of the Wulipo landslide and the resulting debris flow in Dujiangyan City, China. Journal of Mountain Science, 2017, 14, 1100-1112.	0.8	63
7	Landslide reconstruction using seismic signal characteristics and numerical simulations: Case study of the 2017 â€œ6.24â€•Xinmo landslide. Engineering Geology, 2020, 270, 105582.	2.9	61
8	Investigation of the initiation of shallow failure in widely graded loose soil slopes considering interstitial flow and surface runoff. Landslides, 2019, 16, 815-828.	2.7	56
9	Coupling of solid deformation and pore pressure for undrained deformationâ€”a discrete element method approach. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 1943-1961.	1.7	55
10	Pore structure characteristics of debris flow source material in the Wenchuan earthquake area. Engineering Geology, 2020, 267, 105499.	2.9	49
11	The effect of topography on landslide kinematics: a case study of the Jichang town landslide in Guizhou, China. Landslides, 2020, 17, 959-973.	2.7	48
12	Mass movement and formation process analysis of the two sequential landslide dam events in Jinsha River, Southwest China. Landslides, 2019, 16, 2247-2258.	2.7	46
13	The characteristics of the Mocoa compound disaster event, Colombia. Landslides, 2018, 15, 1223-1232.	2.7	44
14	Numerical investigation of the landslide-debris flow transformation process considering topographic and entrainment effects: a case study. Landslides, 2022, 19, 773-788.	2.7	43
15	Investigating the effects of clay/sand content on depositional mechanisms of submarine debris flows through physical and numerical modeling. Landslides, 2020, 17, 1863-1880.	2.7	42
16	Earthquake-triggered landslides affecting a UNESCO Natural Site: the 2017 Jiuzhaigou Earthquake in the World National Park, China. Journal of Mountain Science, 2018, 15, 1412-1428.	0.8	36
17	Seismic signal recognition and interpretation of the 2019 â€œ7.23â€•Shuicheng landslide by seismogram stations. Landslides, 2020, 17, 1191-1206.	2.7	35
18	3D DEM insights into the effect of particle overall regularity on macro and micro mechanical behaviours of dense sands. Computers and Geotechnics, 2021, 132, 103965.	2.3	32

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19	Digital terrain analysis of a landslide on the loess tableland using high-resolution topography data. Landslides, 2019, 16, 617-632.	2.7	30
20	Solid–fluid sequentially coupled simulation of internal erosion of soils due to seepage. Granular Matter, 2021, 23, 1.	1.1	29
21	The influence of loess cave development upon landslides and geomorphologic evolution: A case study from the northwest Loess Plateau, China. Geomorphology, 2020, 359, 107167.	1.1	27
22	Seismic signal characteristics and interpretation of the 2020 "6.17"Danba landslide dam failure hazard chain process. Landslides, 2021, 18, 2175.	2.7	27
23	Assessment of local outburst flood risk from successive landslides: Case study of Baige landslide-dammed lake, upper Jinsha river, eastern Tibet. Journal of Hydrology, 2021, 599, 126294.	2.3	27
24	Case Study: Effects of a Partial-Debris Dam on Riverbank Erosion in the Parlung Tsangpo River, China. Water (Switzerland), 2018, 10, 250.	1.2	26
25	Temporal patterns of nonseismically triggered landslides in Shaanxi Province, China. Catena, 2020, 187, 104356.	2.2	26
26	Discontinuum Modeling of Solid Deformation Pore-Water Diffusion Coupling. International Journal of Geomechanics, 2017, 17, 04017033.	1.3	24
27	Hydro-sediment-morphodynamic processes of the baige landslide-induced barrier Lake, Jinsha River, China. Journal of Hydrology, 2021, 596, 126134.	2.3	24
28	Watch Out for the Tailings Pond, a Sharp Edge Hanging over Our Heads: Lessons Learned and Perceptions from the Brumadinho Tailings Dam Failure Disaster. Remote Sensing, 2021, 13, 1775.	1.8	24
29	Barrier lake formation due to landslide impacting a river: A numerical study using a double layer-averaged two-phase flow model. Applied Mathematical Modelling, 2020, 80, 574-601.	2.2	23
30	Spatiotemporal distribution and evolution characteristics of successive landslides on the Heifangtai tableland of the Chinese Loess Plateau. Geomorphology, 2021, 378, 107619.	1.1	23
31	Correlation between grain shape and critical state characteristics of uniformly graded sands: A 3D DEM study. Acta Geotechnica, 2022, 17, 2783-2798.	2.9	23
32	Numerical evaluation of particle shape effect on small strain properties of granular soils. Engineering Geology, 2022, 303, 106652.	2.9	22
33	Discrete element analysis of a cross-river tunnel under random vibration levels induced by trains operating during the flood season. Journal of Zhejiang University: Science A, 2018, 19, 346-366.	1.3	21
34	Impact of Pore Geometry and Water Saturation on Gas Effective Diffusion Coefficient in Soil. Applied Sciences (Switzerland), 2018, 8, 2097.	1.3	20
35	Investigation of Post-Fire Debris Flows in Montecito. ISPRS International Journal of Geo-Information, 2019, 8, 5.	1.4	19
36	DEM simulation of shear vibrational fluidization of granular material. Granular Matter, 2018, 20, 1.	1.1	18

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37	Temporal and spatial distributions of landslides in the Qinba Mountains, Shaanxi Province, China. Geomatics, Natural Hazards and Risk, 2019, 10, 599-621.	2.0	18
38	Effect of joint type on the shear behavior of synthetic rock. Bulletin of Engineering Geology and the Environment, 2019, 78, 3395-3412.	1.6	17
39	Remote Sensing Characterization of Mountain Excavation and City Construction in Loess Plateau. Geophysical Research Letters, 2021, 48, e2021GL095230.	1.5	17
40	Coupling InSAR and numerical modeling for characterizing landslide movements under complex loads in urbanized hillslopes. Landslides, 2021, 18, 1611-1623.	2.7	15
41	Temporal evolution of the hydromechanical properties of soil-root systems in a forest fire in China. Science of the Total Environment, 2022, 809, 151165.	3.9	14
42	Utilizing crowdsourcing to enhance the mitigation and management of landslides. Landslides, 2018, 15, 1889-1899.	2.7	13
43	Size distribution and size of loess slides in response to slope height and slope gradient based on field survey data. Geomatics, Natural Hazards and Risk, 2019, 10, 1443-1458.	2.0	13
44	A new insight into the dynamic impact between geophysical flow and rigid barrier. Computers and Geotechnics, 2022, 148, 104790.	2.3	13
45	Assessing effectiveness of a dual-barrier system for mitigating granular flow hazards through DEM-DNN framework. Engineering Geology, 2022, 306, 106742.	2.9	13
46	Discrete element modeling of a cross-river tunnel under subway train operation during peak and off-peak periods. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	9
47	Ecological risk resonance of urbanization and its effect on geohazard disaster: the case of Freetown, Sierra Leone. Urban Ecosystems, 2020, 23, 1141-1152.	1.1	9
48	A novel friction weakening-based dynamic model for landslide runout assessment along the Sichuan-Tibet Railway. Engineering Geology, 2022, 306, 106721.	2.9	9
49	Back analysis of a debris landslide based on a real-time video recording: sliding process and post-slide investigation. Bulletin of Engineering Geology and the Environment, 2016, 75, 647-658.	1.6	8
50	Erosion and transport mechanisms of mine waste along gullies. Journal of Mountain Science, 2019, 16, 402-413.	0.8	7
51	Coupled effects of particle overall regularity and sliding friction on the shear behavior of uniformly graded dense sands. Journal of Rock Mechanics and Geotechnical Engineering, 2022, 14, 873-885.	3.7	6
52	Spatiotemporal Distribution of Nonseismic Landslides during the Last 22 Years in Shaanxi Province, China. ISPRS International Journal of Geo-Information, 2019, 8, 505.	1.4	4
53	Microscopic Aspects of Internal Erosion Processes in Gap-Graded Soils. Springer Series in Geomechanics and Geoengineering, 2020, , 267-273.	0.0	1
54	Complex Deformation Monitoring of Shield Tunnel Segment Joints Using Distributed Fiber Optic Sensing Technology: Experimental Verification. IEEE Sensors Journal, 2022, 22, 3236-3245.	2.4	1

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55	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.	0.3	0
56	Controls on Landslide Size: Insights from Field Survey Data. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 101-119.	0.3	0
57	Investigation of Internal Erosion of Wide Grading Loose Soil—A Micromechanics-Based Study. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 155-161.	0.3	0