

Yi-fei Cui

List of Publications by Year in Descending Order

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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 | 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 |
| 55 | 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 |
| 54 | Numerical evaluation of particle shape effect on small strain properties of granular soils. <i>Engineering Geology</i> , 2022 , 106652 | 6 | 0 |
| 53 | A new insight into the dynamic impact between geophysical flow and rigid barrier. <i>Computers and Geotechnics</i> , 2022 , 148, 104790 | 4.4 | 0 |
| 52 | A novel friction weakening-based dynamic model for landslide runout assessment along the Sichuan-Tibet Railway. <i>Engineering Geology</i> , 2022 , 106721 | 6 | 0 |
| 51 | 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 |
| 50 | Remote Sensing Characterization of Mountain Excavation and City Construction in Loess Plateau. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095230 | 4.9 | 2 |
| 49 | Quantitative Analysis of Landslide Processes Based on Seismic Signals: A New Method for Monitoring and Early Warning of Landslide Hazards. <i>ICL Contribution To Landslide Disaster Risk Reduction</i> , 2021 , 191-196 | | |
| 48 | Controls on Landslide Size: Insights from Field Survey Data. <i>ICL Contribution To Landslide Disaster Risk Reduction</i> , 2021 , 101-119 | | |
| 47 | Investigation of Internal Erosion of Wide Grading Loose Soil: A Micromechanics-Based Study. <i>ICL Contribution To Landslide Disaster Risk Reduction</i> , 2021 , 155-161 | | |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | Hydro-sediment-morphodynamic processes of the baige landslide-induced barrier Lake, Jinsha River, China. <i>Journal of Hydrology</i> , 2021 , 596, 126134 | 6 | 4 |
| 42 | 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 |
| 41 | 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 |
| 40 | Solid-fluid sequentially coupled simulation of internal erosion of soils due to seepage. <i>Granular Matter</i> , 2021 , 23, 1 | 2.6 | 4 |

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| 39 | 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 |
| 38 | 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 |
| 37 | Landslide reconstruction using seismic signal characteristics and numerical simulations: Case study of the 2017 8.24Xinmo landslide. <i>Engineering Geology</i> , 2020 , 270, 105582 | 6 | 43 |
| 36 | Pore structure characteristics of debris flow source material in the Wenchuan earthquake area. <i>Engineering Geology</i> , 2020 , 267, 105499 | 6 | 33 |
| 35 | Seismic signal recognition and interpretation of the 2019 7.23Shuicheng landslide by seismogram stations. <i>Landslides</i> , 2020 , 17, 1191-1206 | 6.6 | 32 |
| 34 | 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 |
| 33 | Microscopic Aspects of Internal Erosion Processes in Gap-Graded Soils. <i>Springer Series in Geomechanics and Geoengineering</i> , 2020 , 267-273 | 0.1 | 0 |
| 32 | 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 |
| 31 | Temporal patterns of nonseismically triggered landslides in Shaanxi Province, China. <i>Catena</i> , 2020 , 187, 104356 | 5.8 | 20 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | The cost of rapid and haphazard urbanization: lessons learned from the Freetown landslide disaster. <i>Landslides</i> , 2019 , 16, 1167-1176 | 6.6 | 68 |
| 24 | Investigation of Post-Fire Debris Flows in Montecito. <i>ISPRS International Journal of Geo-Information</i> , 2019 , 8, 5 | 2.9 | 12 |
| 23 | Erosion and transport mechanisms of mine waste along gullies. <i>Journal of Mountain Science</i> , 2019 , 16, 402-413 | 2.1 | 3 |
| 22 | 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 |

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| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | The characteristics of the Mocoa compound disaster event, Colombia. <i>Landslides</i> , 2018 , 15, 1223-1232 | 6.6 | 39 |
| 15 | Effects of particle size of mono-disperse granular flows impacting a rigid barrier. <i>Natural Hazards</i> , 2018 , 91, 1179-1201 | 3 | 57 |
| 14 | 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 |
| 13 | Utilizing crowdsourcing to enhance the mitigation and management of landslides. <i>Landslides</i> , 2018 , 15, 1889-1899 | 6.6 | 7 |
| 12 | 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 |
| 11 | 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 |
| 10 | DEM simulation of shear vibrational fluidization of granular material. <i>Granular Matter</i> , 2018 , 20, 1 | 2.6 | 15 |
| 9 | 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 |
| 8 | 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 |
| 7 | Discontinuum Modeling of Solid Deformation Pore-Water Diffusion Coupling. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017033 | 3.1 | 23 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 |

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| 3 | 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 |
| 2 | A new approach to DEM simulation of sand production. <i>Journal of Petroleum Science and Engineering</i> , 2016 , 147, 56-67 | 4-4 | 66 |
| 1 | Correlation between grain shape and critical state characteristics of uniformly graded sands: A 3D DEM study. <i>Acta Geotechnica</i> , 1 | 4-9 | 1 |