

# Peng 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.

36  
papers

958  
citations

18  
h-index

30  
g-index

45  
ext. papers

1,217  
ext. citations

3.6  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
36	The Wenchuan Earthquake (May 12, 2008), Sichuan Province, China, and resulting geohazards. <i>Natural Hazards</i> , <b>2011</b> , 56, 19-36	3	233
35	Experimental analysis on the impact force of viscous debris flow. <i>Earth Surface Processes and Landforms</i> , <b>2015</b> , 40, 1644-1655	3.7	103
34	Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. <i>Engineering Geology</i> , <b>2015</b> , 194, 73-85	6	76
33	Characteristics and triggering mechanism of Xinmo landslide on 24 June 2017 in Sichuan, China. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1689-1700	2.1	59
32	Jiangjia Ravine debris flows in south-western China <b>2005</b> , 565-594		59
31	The effects of slope length and slope gradient on the size distributions of loess slides: Field observations and simulations. <i>Geomorphology</i> , <b>2018</b> , 300, 69-76	4.3	39
30	Risk assessment of highways affected by debris flows in Wenchuan earthquake area. <i>Journal of Mountain Science</i> , <b>2013</b> , 10, 173-189	2.1	35
29	Assessment of prospective hazards resulting from the 2017 earthquake at the world heritage site Jiuzhaigou Valley, Sichuan, China. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 779-792	2.1	34
28	Seismogenic fault and topography control on the spatial patterns of landslides triggered by the 2017 Jiuzhaigou earthquake. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 793-807	2.1	25
27	Susceptibility assessment of landslides caused by the wenchuan earthquake using a logistic regression model. <i>Journal of Mountain Science</i> , <b>2010</b> , 7, 234-245	2.1	25
26	Catastrophic debris flows on July 10th 2013 along the Min River in areas seriously-hit by the Wenchuan earthquake. <i>Journal of Mountain Science</i> , <b>2015</b> , 12, 186-206	2.1	23
25	Real-time observation of an active debris flow watershed in the Wenchuan Earthquake area. <i>Geomorphology</i> , <b>2018</b> , 321, 153-166	4.3	22
24	Evolution of a landslide-dammed lake on the southeastern Tibetan Plateau and its influence on river longitudinal profiles. <i>Geomorphology</i> , <b>2019</b> , 343, 15-32	4.3	21
23	Regional risk assessment of debris flows in China: An HRU-based approach. <i>Geomorphology</i> , <b>2019</b> , 340, 84-102	4.3	20
22	Characteristic rainfall for warning of debris flows. <i>Journal of Mountain Science</i> , <b>2010</b> , 7, 207-214	2.1	20
21	Rock fall hazard and risk assessment along Araniko Highway, Central Nepal Himalaya. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	19
20	Techniques of Debris Flow Prevention in National Parks. <i>Earth Science Frontiers</i> , <b>2007</b> , 14, 172-177		19

19	An international program on Silk Road Disaster Risk Reduction Belt and Road initiative (2016-2020). <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 1383-1396	2.1	18
18	Real-time monitoring and estimation of the discharge of flash floods in a steep mountain catchment. <i>Hydrological Processes</i> , <b>2019</b> , 33, 3195-3212	3.3	15
17	A new approach to assess landslide susceptibility based on slope failure mechanisms. <i>Catena</i> , <b>2021</b> , 204, 105388	5.8	13
16	Activity and distribution of geohazards induced by the Lushan earthquake, April 20, 2013. <i>Natural Hazards</i> , <b>2014</b> , 73, 711-726	3	12
15	A new approach to assessing vulnerability of mountain highways subject to debris flows in China. <i>Progress in Physical Geography</i> , <b>2018</b> , 42, 305-329	3.5	10
14	Changes in hydrological behaviours triggered by earthquake disturbance in a mountainous watershed. <i>Science of the Total Environment</i> , <b>2021</b> , 760, 143349	10.2	10
13	An empirical mode decomposition-based signal process method for two-phase debris flow impact. <i>Landslides</i> , <b>2018</b> , 15, 297-307	6.6	10
12	Development of Taprang landslide, West Nepal. <i>Landslides</i> , <b>2017</b> , 14, 929-946	6.6	7
11	Trace projection transformation: a new method for measurement of debris flow surface velocity fields. <i>Frontiers of Earth Science</i> , <b>2016</b> , 10, 761-771	1.7	7
10	The spatial distribution characteristics of coseismic landslides triggered by the Ms7.0 Lushan earthquake and Ms7.0 Jiuzhaigou earthquake in southwest China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 20549-20569	5.1	6
9	Natural Hazards and Disaster Risk in One Belt One Road Corridors <b>2017</b> , 1155-1164		5
8	Chinese public participation monitoring and warning system for geological hazards. <i>Journal of Mountain Science</i> , <b>2020</b> , 17, 1553-1564	2.1	4
7	Evaluation of a traditional method for peak flow discharge estimation for floods in the Wenchuan Earthquake area, Sichuan Province, China. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 641-656	2.1	2
6	Stormflow generation in a humid forest watershed controlled by antecedent wetness and rainfall amounts. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 127107	6	2
5	Landslide characteristics and its impact on tourism for two roadside towns along the Kathmandu Kyirong Highway. <i>Journal of Mountain Science</i> , <b>2020</b> , 17, 1840-1859	2.1	2
4	Landslide susceptibility in the Belt and Road Countries: continental step of a multi-scale approach. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	1
3	Depth-resolved numerical model of dam break mud flows with Herschel-Bulkley rheology. <i>Journal of Mountain Science</i> , <b>2022</b> , 19, 1001-1017	2.1	1
2	Landslide susceptibility assessment at Kathmandu Kyirong Highway Corridor in pre-quake, co-seismic and post-quake situations. <i>Journal of Mountain Science</i> , <b>2020</b> , 17, 2652-2673	2.1	0

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Disaster Risk Assessment of the Silk Road. *ICL Contribution To Landslide Disaster Risk Reduction*,  
**2021**, 331-338