Peng Cui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4298286/publications.pdf

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44	1,462	394286	345118
papers	citations	19 h-index	36 g-index

45	45	45	1073
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Wenchuan Earthquake (May 12, 2008), Sichuan Province, China, and resulting geohazards. Natural Hazards, 2011, 56, 19-36.	1.6	304
2	Experimental analysis on the impact force of viscous debris flow. Earth Surface Processes and Landforms, 2015, 40, 1644-1655.	1.2	169
3	Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. Engineering Geology, 2015, 194, 73-85.	2.9	111
4	Characteristics and triggering mechanism of Xinmo landslide on 24 June 2017 in Sichuan, China. Journal of Mountain Science, 2017, 14, 1689-1700.	0.8	79
5	Jiangjia Ravine debris flows in south-western China. , 2005, , 565-594.		70
6	The effects of slope length and slope gradient on the size distributions of loess slides: Field observations and simulations. Geomorphology, 2018, 300, 69-76.	1.1	54
7	Risk assessment of highways affected by debris flows in Wenchuan earthquake area. Journal of Mountain Science, 2013, 10, 173-189.	0.8	46
8	Assessment of prospective hazards resulting from the 2017 earthquake at the world heritage site Jiuzhaigou Valley, Sichuan, China. Journal of Mountain Science, 2018, 15, 779-792.	0.8	45
9	Seismogenic fault and topography control on the spatial patterns of landslides triggered by the 2017 Jiuzhaigou earthquake. Journal of Mountain Science, 2018, 15, 793-807.	0.8	42
10	Evolution of a landslide-dammed lake on the southeastern Tibetan Plateau and its influence on river longitudinal profiles. Geomorphology, 2019, 343, 15-32.	1.1	41
11	Regional risk assessment of debris flows in Chinaâ€"An HRU-based approach. Geomorphology, 2019, 340, 84-102.	1.1	39
12	Catastrophic debris flows on July 10th 2013 along the Min River in areas seriously-hit by the Wenchuan earthquake. Journal of Mountain Science, 2015, 12, 186-206.	0.8	38
13	Real-time observation of an active debris flow watershed in the Wenchuan Earthquake area. Geomorphology, 2018, 321, 153-166.	1.1	38
14	A new approach to assess landslide susceptibility based on slope failure mechanisms. Catena, 2021, 204, 105388.	2.2	36
15	Susceptibility assessment of landslides caused by the wenchuan earthquake using a logistic regression model. Journal of Mountain Science, 2010, 7, 234-245.	0.8	30
16	An international program on Silk Road Disaster Risk Reductionâ€"a Belt and Road initiative (2016â€"2020). Journal of Mountain Science, 2018, 15, 1383-1396.	0.8	30
17	Rock fall hazard and risk assessment along Araniko Highway, Central Nepal Himalaya. Environmental Earth Sciences, 2016, 75, 1.	1.3	26
18	Realâ€time monitoring and estimation of the discharge of flash floods in a steep mountain catchment. Hydrological Processes, 2019, 33, 3195-3212.	1.1	25

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19	Techniques of Debris Flow Prevention in National Parks. Earth Science Frontiers, 2007, 14, 172-177.	0.5	24
20	Characteristic rainfall for warning of debris flows. Journal of Mountain Science, 2010, 7, 207-214.	0.8	24
21	Changes in hydrological behaviours triggered by earthquake disturbance in a mountainous watershed. Science of the Total Environment, 2021, 760, 143349.	3.9	19
22	The spatial distribution characteristics of coseismic landslides triggered by the Ms7.0 Lushan earthquake and Ms7.0 Jiuzhaigou earthquake in southwest China. Environmental Science and Pollution Research, 2021, 28, 20549-20569.	2.7	19
23	Stormflow generation in a humid forest watershed controlled by antecedent wetness and rainfall amounts. Journal of Hydrology, 2021, 603, 127107.	2.3	18
24	Activity and distribution of geohazards induced by the Lushan earthquake, April 20, 2013. Natural Hazards, 2014, 73, 711-726.	1.6	17
25	An empirical mode decomposition-based signal process method for two-phase debris flow impact. Landslides, 2018, 15, 297-307.	2.7	15
26	A new approach to assessing vulnerability of mountain highways subject to debris flows in China. Progress in Physical Geography, 2018, 42, 305-329.	1.4	14
27	Landslide susceptibility in the Belt and Road Countries: continental step of a multi-scale approach. Environmental Earth Sciences, 2021, 80, 1.	1.3	11
28	Development of Taprang landslide, West Nepal. Landslides, 2017, 14, 929-946.	2.7	9
29	Chinese public participation monitoring and warning system for geological hazards. Journal of Mountain Science, 2020, 17, 1553-1564.	0.8	9
30	Trace projection transformation: a new method for measurement of debris flow surface velocity fields. Frontiers of Earth Science, 2016, 10, 761-771.	0.9	8
31	Landslide susceptibility assessment at Kathmandu Kyirong Highway Corridor in pre-quake, co-seismic and post-quake situations. Journal of Mountain Science, 2020, 17, 2652-2673.	0.8	8
32	Landslide characteristics and its impact on tourism for two roadside towns along the Kathmandu Kyirong Highway. Journal of Mountain Science, 2020, 17, 1840-1859.	0.8	7
33	Cause of the Baige Landslides: Long-Term Cumulative Coupled Effect of Tectonic Action and Surface Erosion. Lithosphere, 2022, 2021, .	0.6	7
34	Natural Hazards and Disaster Risk in One Belt One Road Corridors. , 2017, , 1155-1164.		6
35	Disaster risk reduction in mountain areas: an initial overview on seeking pathways to global sustainability. Journal of Mountain Science, 2022, 19, 1838-1846.	0.8	5
36	Evaluation of a traditional method for peak flow discharge estimation for floods in the Wenchuan Earthquake area, Sichuan Province, China. Journal of Mountain Science, 2019, 16, 641-656.	0.8	4

#	Article	IF	Citations
37	Depth-resolved numerical model of dam break mud flows with Herschel-Bulkley rheology. Journal of Mountain Science, 2022, 19, 1001-1017.	0.8	4
38	Response of ancient landslide stability to a debris flow: a multi-hazard chain in China. Bulletin of Engineering Geology and the Environment, 2022, 81, .	1.6	3
39	An Agent-Based Approach to Integrate Human Dynamics Into Disaster Risk Management. Frontiers in Earth Science, 2022, 9, .	0.8	2
40	Disaster risk reduction in mountain areas: a research overview. Journal of Mountain Science, 2022, 19, 1487-1494.	0.8	2
41	Announcement of 2019 International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development. Landslides, 2019, 16, 1253-1256.	2.7	1
42	Launch of the Atlas of Silk Road Disaster Risk. Landslides, 2020, 17, 1739-1740.	2.7	1
43	Insight into geotechnical properties of glacial tills in a periglacial area, Southeast Tibet. Bulletin of Engineering Geology and the Environment, 2022, 81, .	1.6	1
44	Disaster Risk Assessment of the Silk Road. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 331-338.	0.3	0