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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.

55
papers

795
citations

17
h-index

27
g-index

72
ext. papers

1,063
ext. citations

3.5
avg, IF

4.36
L-index

#	Paper	IF	Citations
55	Real-time measurement and preliminary analysis of debris-flow impact force at Jiangjia Ravine, China. <i>Earth Surface Processes and Landforms</i> , 2011 , 36, 1268-1278	3.7	98
54	Characteristics and triggering mechanism of Xinmo landslide on 24 June 2017 in Sichuan, China. <i>Journal of Mountain Science</i> , 2017 , 14, 1689-1700	2.1	59
53	Jiangjia Ravine debris flows in south-western China 2005 , 565-594		59
52	Prediction of debris-flow danger area by combining hydrological and inundation simulation methods. <i>Journal of Mountain Science</i> , 2011 , 8, 1-9	2.1	48
51	Age and extent of a giant glacial-dammed lake at Yarlung Tsangpo gorge in the Tibetan Plateau. <i>Geomorphology</i> , 2015 , 246, 370-376	4.3	38
50	Assessment of prospective hazards resulting from the 2017 earthquake at the world heritage site Jiuzhaigou Valley, Sichuan, China. <i>Journal of Mountain Science</i> , 2018 , 15, 779-792	2.1	34
49	Assessment of debris-flow potential dangers in the Jiuzhaigou Valley following the August 8, 2017, Jiuzhaigou earthquake, western China. <i>Engineering Geology</i> , 2019 , 256, 57-66	6	33
48	Modelling roll waves with shallow water equations and turbulent closure. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2015 , 53, 161-177	1.9	32
47	Rainfall intensity-duration threshold and erosion competence of debris flows in four areas affected by the 2008 Wenchuan earthquake. <i>Geomorphology</i> , 2017 , 282, 85-95	4.3	30
46	Landslides and dammed lakes triggered by the 2017 Ms6.9 Milin earthquake in the Tsangpo gorge. <i>Landslides</i> , 2019 , 16, 993-1001	6.6	28
45	A depth-averaged two-phase model for debris flows over erodible beds. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 817-839	3.7	28
44	Outburst floods in China: A review. <i>Earth-Science Reviews</i> , 2019 , 197, 102895	10.2	23
43	Comparison of debris-flow volume and activity under different formation conditions. <i>Natural Hazards</i> , 2013 , 67, 261-273	3	22
42	New understandings of the June 24th 2017 Xinmo Landslide, Maoxian, Sichuan, China. <i>Landslides</i> , 2018 , 15, 2465-2474	6.6	22
41	Measuring the internal velocity of debris flows using impact pressure detecting in the flume experiment. <i>Journal of Mountain Science</i> , 2011 , 8, 109-116	2.1	21
40	Characteristic rainfall for warning of debris flows. <i>Journal of Mountain Science</i> , 2010 , 7, 207-214	2.1	20
39	Susceptibility mapping of landslides in Beichuan County using cluster and MLC methods. <i>Natural Hazards</i> , 2014 , 70, 755-766	3	17

38	The establishment and influence of Baimakou paleo-dam in an upstream reach of the Yangtze River, southeastern margin of the Tibetan Plateau. <i>Geomorphology</i> , 2018 , 321, 167-173	4.3	15
37	Relationships between debris flows and earth surface factors in Southwest China. <i>Environmental Geology</i> , 2008 , 55, 619-627		15
36	Rainfall occurrence and its relation to flood damage in China from 2000 to 2015. <i>Journal of Mountain Science</i> , 2018 , 15, 2492-2504	2.1	14
35	A physics-based model to derive rainfall intensity-duration threshold for debris flow. <i>Geomorphology</i> , 2020 , 351, 106930	4.3	13
34	Quantitative assessment of the impact of earthquake-induced geohazards on natural landscapes in Jiuzhaigou Valley. <i>Journal of Mountain Science</i> , 2019 , 16, 441-452	2.1	13
33	A depth-averaged two-phase model for debris flows over fixed beds. <i>International Journal of Sediment Research</i> , 2018 , 33, 462-477	3	12
32	Characteristics of clustering debris flows in Wenchuan earthquake zone. <i>Journal of Mountain Science</i> , 2013 , 10, 953-961	2.1	12
31	A quasi single-phase model for debris flows and its comparison with a two-phase model. <i>Journal of Mountain Science</i> , 2018 , 15, 1071-1089	2.1	9
30	Comparison of rheometric devices for measuring the rheological parameters of debris flow slurry. <i>Journal of Mountain Science</i> , 2015 , 12, 1125-1134	2.1	8
29	Annual risk assessment on high-frequency debris-flow fans. <i>Natural Hazards</i> , 2009 , 49, 469-477	3	7
28	Topographical and geological variation of effective rainfall for debris-flow occurrence from a large-scale perspective. <i>Geomorphology</i> , 2020 , 358, 107134	4.3	6
27	Debris flow entrainment rates in non-uniform channels with convex and concave slopes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2018 , 56, 156-167	1.9	6
26	Investments against flash floods and their effectiveness in China in 2000-2015. <i>International Journal of Disaster Risk Reduction</i> , 2019 , 38, 101193	4.5	5
25	Determination of the suspension competence of debris flows based on particle size analysis. <i>International Journal of Sediment Research</i> , 2014 , 29, 73-81	3	5
24	Measuring internal velocity of debris flows by temporally correlated shear forces. <i>Journal of Earth Science (Wuhan, China)</i> , 2012 , 23, 373-380	2.2	5
23	Morpho-sedimentary and stratigraphic characteristics of the 2000 Yigong River landslide dam outburst flood deposits, eastern Tibetan Plateau. <i>Geomorphology</i> , 2020 , 367, 107293	4.3	4
22	Experimental study of entrainment behavior of debris flow over channel inflexion points. <i>Journal of Mountain Science</i> , 2016 , 13, 971-984	2.1	4
21	Investigation of vertical velocity distribution in debris flows by PIV measurement. <i>Geomatics, Natural Hazards and Risk</i> , 2017 , 8, 1631-1642	3.6	4

20	Comprehensive Evaluation of Satellite-Based Precipitation at Sub-Daily Time Scales Over a High-Profile Watershed with Complex Terrain. <i>Earth and Space Science</i> , 2019 , 6, 2347-2361	3.1	4
19	A debris-flow impact pressure model combining material characteristics and flow dynamic parameters. <i>Journal of Mountain Science</i> , 2018 , 15, 2721-2729	2.1	4
18	Quantitative multi-hazard risk assessment to buildings in the Jiuzhaigou valley, a world natural heritage site in Western China. <i>Geomatics, Natural Hazards and Risk</i> , 2022 , 13, 193-221	3.6	3
17	A hydrology-process based method for correlating debris flow density to rainfall parameters and its application on debris flow prediction. <i>Journal of Hydrology</i> , 2020 , 589, 125124	6	2
16	Hack's law of debris-flow basins. <i>International Journal of Sediment Research</i> , 2009 , 24, 74-87	3	2
15	Landslide Inventory along a National Highway Corridor in the Hissar-Allay Mountains, Central Tajikistan. <i>GeoHazards</i> , 2021 , 2, 212-227	2.3	2
14	Experimental study of debris-flow entrainment over stepped-gradient beds incorporating bed sediment porosity. <i>Engineering Geology</i> , 2020 , 274, 105708	6	1
13	The properties of dilute debris flow and hyper-concentrated flow in different flow regimes in open channels. <i>Journal of Mountain Science</i> , 2017 , 14, 1728-1738	2.1	1
12	Spatial distribution of debris flow-prone catchments in Hengduan mountainous area in southwestern China. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
11	Quantitative Analysis of the Effects of an Earthquake on Rainfall Thresholds for Triggering Debris-Flow Events. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	1
10	A Hydrologically Based Model for Delineating Hazard Zones in the Valleys of Debris Flow Basins 2016 ,		1
9	Energy Dissipation of Debris Flows over Stepped Gradients and Erodible Beds in Open Channel. <i>Journal of Hydraulic Engineering</i> , 2020 , 146, 06020008	1.8	1
8	Hydro-climatic Characteristics of Yarlung Zangbo River Basin since the Last Glacial Maximum. <i>Advances in Atmospheric Sciences</i> , 2022 , 39, 415-426	2.9	0
7	Two megafloods in the middle reach of Yarlung Tsangpo River since Last-glacial period: Evidence from giant bars. <i>Global and Planetary Change</i> , 2022 , 208, 103726	4.2	0
6	Landscape change in response to multiperiod glacial debris flows in Peilong catchment, southeastern Tibet. <i>Journal of Mountain Science</i> , 2021 , 18, 567-582	2.1	0
5	Effects of bed longitudinal inflexion and sediment porosity on basal entrainment mechanism: insights from laboratory debris flows. <i>Landslides</i> , 2021 , 18, 3041-3062	6.6	0
4	Geomorphic effects of recurrent outburst superfloods in the Yigong River on the southeastern margin of Tibet. <i>Scientific Reports</i> , 2021 , 11, 15577	4.9	0
3	Broad valleys and barrier dams in upstream Brahmaputra efficiently retain Tibetan-sourced sediments: Evidence from palaeoflood records. <i>Quaternary Science Reviews</i> , 2022 , 285, 107538	3.9	0

- 2 Spatial Distribution of Debris Flow-prone Catchments in Hengduan Mountainous Area in Southwestern China. *Advances in Science, Technology and Innovation*, **2022**, 63-66 0.3
- 1 A grid-based physical model to analyze the stability of slope unit. *Geomorphology*, **2021**, 391, 107887 4.3