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List of Publications by Year in descending order

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44
papers

1,588
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times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	The 12 May Wenchuan earthquake-induced landslide lakes: distribution and preliminary risk evaluation. <i>Landslides</i> , 2009, 6, 209-223.	5.4	312
2	The Wenchuan Earthquake (May 12, 2008), Sichuan Province, China, and resulting geohazards. <i>Natural Hazards</i> , 2011, 56, 19-36.	3.4	304
3	Glacial change and hydrological implications in the Himalaya and Karakoram. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 91-106.	29.7	182
4	Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. <i>Engineering Geology</i> , 2015, 194, 73-85.	6.3	111
5	Jiangjia Ravine debris flows in south-western China. , 2005, , 565-594.		70
6	Characteristics and hazard prediction of large-scale debris flow of Xiaojia Gully in Yingxiu Town, Sichuan Province, China. <i>Engineering Geology</i> , 2014, 180, 55-67.	6.3	48
7	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.	2.0	45
8	Experimental study on a debris-flow drainage channel with different types of energy dissipation baffles. <i>Engineering Geology</i> , 2017, 220, 43-51.	6.3	43
9	Dam-break risk analysis of the Attabad landslide dam in Pakistan and emergency countermeasures. <i>Landslides</i> , 2017, 14, 675-683.	5.4	35
10	Emergency response to the Tangjiashan landslide-dammed lake resulting from the 2008 Wenchuan Earthquake, China. <i>Landslides</i> , 2011, 8, 91-98.	5.4	32
11	Impact dynamics of debris flow against rigid obstacle in laboratory experiments. <i>Engineering Geology</i> , 2021, 291, 106211.	6.3	32
12	An experimental study of dilute debris flow characteristics in a drainage channel with an energy dissipation structure. <i>Engineering Geology</i> , 2015, 193, 224-230.	6.3	25
13	Techniques of Debris Flow Prevention in National Parks. <i>Earth Science Frontiers</i> , 2007, 14, 172-177.	0.6	24
14	General equations for landslide-debris impact and their application to debris-flow flexible barrier. <i>Engineering Geology</i> , 2021, 288, 106154.	6.3	22
15	Rock glacier inventory, permafrost probability distribution modeling and associated hazards in the Hunza River Basin, Western Karakoram, Pakistan. <i>Science of the Total Environment</i> , 2021, 782, 146833.	8.0	22
16	Case study on debris-flow hazard mitigation at a world natural heritage site, Jiuzhaigou Valley, Western China. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 1782-1804.	4.3	20
17	Activity and distribution of geohazards induced by the Lushan earthquake, April 20, 2013. <i>Natural Hazards</i> , 2014, 73, 711-726.	3.4	17
18	Mitigation planning based on the prediction of river blocking by a typical large-scale debris flow in the Wenchuan earthquake area. <i>Landslides</i> , 2016, 13, 1231-1242.	5.4	17

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19	Debris Flow Drainage Channel with Energy Dissipation Structures: Experimental Study and Engineering Application. <i>Journal of Hydraulic Engineering</i> , 2018, 144, .	1.5	17
20	Early identification of river blocking induced by tributary debris flow based on dimensionless volume index. <i>Landslides</i> , 2019, 16, 2335-2352.	5.4	17
21	Characteristics of a Debris Flow Disaster and Its Mitigation Countermeasures in Zechawa Gully, Jiuzhaigou Valley, China. <i>Water (Switzerland)</i> , 2020, 12, 1256.	2.7	17
22	Assessment of debris flow multiple-surge load model based on the physical process of debris-barrier interaction. <i>Landslides</i> , 2022, 19, 1165-1177.	5.4	15
23	An Assessment Method for Debris Flow Dam Formation in Taiwan. <i>Earth Sciences Research Journal</i> , 2018, 22, 37-43.	0.6	14
24	Laboratory study on the characteristics of large wood and debris flow processes at slit-check dams. <i>Landslides</i> , 2020, 17, 1703-1711.	5.4	14
25	Regulation effectiveness of a window-check dam on debris flows. <i>Engineering Geology</i> , 2019, 253, 205-213.	6.3	13
26	The influence of temporal and spatial variations on phase separation in debris flow deposition. <i>Landslides</i> , 2019, 16, 497-514.	5.4	13
27	Dimensionless Assessment Method of Landslide Dam Formation Caused by Tributary Debris Flow Events. <i>Geofluids</i> , 2019, 2019, 1-14.	0.7	11
28	Early and mid-Holocene hydroclimate change recorded in tufa deposits in the Jiuzhaigou gully, eastern Tibetan Plateau. <i>Catena</i> , 2021, 196, 104834.	5.0	11
29	Deformation mechanism and collapse treatment of the rock surrounding a shallow tunnel based on on-site monitoring. <i>Journal of Mountain Science</i> , 2020, 17, 2897-2914.	2.0	11
30	Experimental study on the energy dissipation characteristics of debris flow deceleration baffles. <i>Journal of Mountain Science</i> , 2017, 14, 1951-1960.	2.0	10
31	Characteristics of a Debris-Flow Drainage Channel with a Step-Pool Configuration. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	1.5	8
32	Investigation of vertical velocity distribution in debris flows by PIV measurement. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1631-1642.	4.3	8
33	Experimental study on debris-flow velocity control mechanism with baffles in a drainage channel. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 5203-5217.	3.5	7
34	Effects of river flow velocity on the formation of landslide dams. <i>Journal of Mountain Science</i> , 2019, 16, 2502-2518.	2.0	6
35	Debris flow overflowing flexible barrier: physical process and drag load characteristics. <i>Landslides</i> , 2022, 19, 1881-1896.	5.4	6
36	Multi-model assessment of glacio-hydrological changes in central Karakoram, Pakistan. <i>Journal of Mountain Science</i> , 2021, 18, 1995-2011.	2.0	5

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37	Engineering Planning Method and Control Modes for Debris Flow Disasters in Scenic Areas. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	5
38	An experimental determination of the relationship between the minimum height of landslide dams and the run-out distance of landslides. <i>Landslides</i> , 2021, 18, 2111.	5.4	5
39	Magnitude amplification of flash floods caused by large woody in Keze gully in Jiuzhaigou National Park, China. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 2277-2299.	4.3	4
40	Analysis of factors influencing the large wood transport and block-outburst in debris flow based on physical model experiment. <i>Geomorphology</i> , 2022, 398, 108054.	2.6	4
41	Impact failure models and application condition of trees in debris-flow hazard mitigation. <i>Journal of Mountain Science</i> , 2021, 18, 1874-1885.	2.0	3
42	Air concentration and velocity downstream of an expanding chute aerator. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2018, 56, 412-423.	1.7	2
43	Erosion Process of Multiple Debris Flow Surges Caused by Check Dam Removal: An Experimental Study. <i>Water Resources Research</i> , 2022, 58, .	4.2	1
44	Three-Dimensional Aerators: Characteristics of the Air Bubbles. <i>Water (Switzerland)</i> , 2018, 10, 1430.	2.7	0