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List of Publications by Citations

52 papers	386 citations	12 h-index	16 g-index
55 ext. papers	596 ext. citations	3.9 avg, IF	3.92 L-index

#	Paper	IF	Citations
52	The critical rainfall characteristics for torrents and debris flows in the Wenchuan earthquake stricken area. *Journal of Mountain Science*, **2009**, 6, 362-372	2.1	36
51	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 162-173	4.7	26
50	Meteorological factors driving glacial till variation and the associated periglacial debris flows in Tianmo Valley, south-eastern Tibetan Plateau. *Natural Hazards and Earth System Sciences*, **2017**, 17, 345-356	3.9	22
49	IMPACT OF EARTHQUAKE ON DEBRIS FLOWS – A CASE STUDY ON THE WENCHUAN EARTHQUAKE. *Journal of Earthquake and Tsunami*, **2011**, 05, 493-508	1.1	20
48	Risk assessment and disaster reduction strategies for mountainous and meteorological hazards in Tibetan Plateau. *Chinese Science Bulletin*, **2015**, 60, 3067-3077	2.9	20
47	Assessing Susceptibility of Debris Flow in Southwest China Using Gradient Boosting Machine. *Scientific Reports*, **2019**, 9, 12532	4.9	17
46	Effects of human activity on erosion, sedimentation and debris flow activity – A case study of the Qionghai Lake watershed, southeastern Tibetan Plateau, China. *Holocene*, **2015**, 25, 973-988	2.6	16
45	Location-allocation modeling for emergency evacuation planning with GIS and remote sensing: A case study of Northeast Bangladesh. *Geoscience Frontiers*, **2021**, 12, 101095	6	16
44	New insights into the occurrence of the Baige landslide along the Jinsha River in Tibet. *Landslides*, **2020**, 17, 1207-1216	6.6	15
43	Application of stacking hybrid machine learning algorithms in delineating multi-type flooding in Bangladesh. *Journal of Environmental Management*, **2021**, 295, 113086	7.9	14
42	Long-term activity of earthquake-induced landslides: A case study from Qionghai Lake Basin, Southwest of China. *Journal of Mountain Science*, **2014**, 11, 607-624	2.1	12
41	Landslide Susceptibility Mapping with Deep Learning Algorithms. *Sustainability*, **2022**, 14, 1734	3.6	12
40	Debris flows originating from colluvium deposits in hollow regions during a heavy storm process in Taining, southeastern China. *Landslides*, **2020**, 17, 335-347	6.6	12
39	Real-time evacuation and failure mechanism of a giant soil landslide on 19 July 2018 in Yanyuan County, Sichuan Province, China. *Landslides*, **2019**, 16, 1177-1187	6.6	11
38	Combined impacts of antecedent earthquakes and droughts on disastrous debris flows. *Journal of Mountain Science*, **2014**, 11, 1507-1520	2.1	10
37	Development of flood hazard map and emergency relief operation system using hydrodynamic modeling and machine learning algorithm. *Journal of Cleaner Production*, **2021**, 311, 127594	10.3	8
36	A catastrophic landslide triggered debris flow in China's Yigong: factors, dynamic processes, and tendency. *Earth Sciences Research Journal*, **2020**, 24, 71-82	1.2	7

35	Calculation of the debris flow concentration based on clay content. *Science in China Series D: Earth Sciences*, **2004**, 46, 163		7
34	The mudflow disaster at Villa Santa Lucía in Chilean Patagonia: understandings and insights derived from numerical simulation and postevent field surveys. *Natural Hazards and Earth System Sciences*, **2020**, 20, 2319-2333	3.9	7
33	Characteristics, mechanisms and prevention modes of debris flows in an arid seismically active region along the Sichuan–Tibet railway route, China: a case study of the Basu–Ranwu section, southeastern Tibet. *Environmental Earth Sciences*, **2019**, 78, 1	2.9	6
32	Effects of loose deposits on debris flow processes in the Aizi Valley, southwest China. *Journal of Mountain Science*, **2020**, 17, 156-172	2.1	6
31	Debris flow susceptibility analysis based on the combined impacts of antecedent earthquakes and droughts: a case study for cascade hydropower stations in the upper Yangtze River, China. *Journal of Mountain Science*, **2017**, 14, 1712-1727	2.1	6
30	Outlining a stepwise, multi-parameter debris flow monitoring and warning system: an example of application in Aizi Valley, China. *Journal of Mountain Science*, **2016**, 13, 1527-1543	2.1	6
29	Post-earthquake denudation and its impacts on ancient civilizations in the Chengdu Longmenshan region, China. *Geomorphology*, **2018**, 309, 51-59	4.3	5
28	An effectiveness evaluation method for debris flow control engineering for cascading hydropower stations along the Jinsha River, China. *Engineering Geology*, **2020**, 266, 105472	6	5
27	Mechanisms involved in triggering debris flows within a cohesive gravel soil mass on a slope: a case in SW China. *Journal of Mountain Science*, **2017**, 14, 611-620	2.1	4
26	Effectiveness analysis of the prediction of regional debris flow susceptibility in post-earthquake and drought site. *Journal of Mountain Science*, **2020**, 17, 329-339	2.1	4
25	Comparative study on debris flow initiation in limestone and sandstone spoil. *Journal of Mountain Science*, **2013**, 10, 190-198	2.1	4
24	Case Study of the Characteristics and Dynamic Process of July 10, 2013, Catastrophic Debris Flows in Wenchuan County, China. *Earth Sciences Research Journal*, **2016**, 20, 1	1.2	4
23	GIS-Based Three-Dimensional SPH Simulation for the 11 April 2018 Yabakei Landslide at Oita Nakatsu, Japan. *Water (Switzerland)*, **2021**, 13, 3012	3	4
22	Hydrodynamic and topography based cellular automaton model for simulating debris flow run-out extent and entrainment behavior. *Water Research*, **2021**, 193, 116872	12.5	4
21	A comparative machine learning approach to identify landslide triggering factors in northern Chilean Patagonia. *Landslides*, **2021**, 18, 2767-2784	6.6	4
20	Magnitude-frequency relationship of debris flows in the Jiangjia Gully, China. *Journal of Mountain Science*, **2019**, 16, 1289-1299	2.1	3
19	Rainfall characteristics and thresholds for periglacial debris flows in the Parlung Zangbo Basin, southeast Tibetan Plateau. *Journal of Earth System Science*, **2018**, 127, 1	1.8	3
18	Valuation of debris flow mitigation measures in tourist towns: a case study on Hongchun gully in southwest China. *Journal of Mountain Science*, **2016**, 13, 1867-1879	2.1	3

17	Artificial Neural Network-based prediction of glacial debris flows in the ParlungZangbo Basin, southeastern Tibetan Plateau, China. *Journal of Mountain Science*, **2021**, 18, 51-67	2.1	3
16	Failure mechanism of the Yaoba loess landslide on March 5, 2020: the early-spring dry spell in Southwest China. *Landslides*, **2021**, 18, 3183-3195	6.6	3
15	The Model for Dilution Process of Landslide Triggered Debris Flow：A Case of Guanba River in Tibet Southeastern Plateau. *Earth Sciences Research Journal*, **2018**, 22, 103-111	1.2	3
14	Vanishing Glaciers at Southeast Tibetan Plateau Have Not Offset the Declining Runoff at Yarlung Zangbo. *Geophysical Research Letters*, **2021**, 48, e2021GL094651	4.9	2
13	New insights into the delayed initiation of a debris flow in southwest China. *Natural Hazards*, **2021**, 108, 2855-2877	3	2
12	Aggravation of debris flow disaster by extreme climate and engineering: a case study of the Tongzilin Gully, Southwestern Sichuan Province, China. *Natural Hazards*, **2021**, 109, 237-253	3	2
11	Effect of clay content to the strength of gravel soil in the source region of debris flow. *Journal of Mountain Science*, **2018**, 15, 2320-2334	2.1	2
10	A model for total volume of debris flow with intermittent surges based on maximum peak discharge and movement time. *Geosystem Engineering*, **2017**, 20, 181-194	1.2	1
9	New insights into the occurrence of the catastrophic Zhaiban slope debris flow that occurred in a dry valley in the Hengduan Mountains in southwest China. *Landslides*, **2022**, 19, 647	6.6	1
8	Extreme climate and tectonic controls on the generation of a large-scale, low-frequency debris flow. *Catena*, **2022**, 212, 106086	5.8	1
7	New insights into the failure mechanism and dynamic process of the Boli landslide, China. *Bulletin of Engineering Geology and the Environment*, **2021**, 80, 2131-2148	4	1
6	Characteristics, mechanisms, and post-disaster lessons of the delayed semi-diagenetic landslide in Hanyuan, Sichuan, China. *Landslides*,1	6.6	1
5	Understanding Landslide Susceptibility in Northern Chilean Patagonia: A Basin-Scale Study Using Machine Learning and Field Data. *Remote Sensing*, **2022**, 14, 907	5	1
4	Modified Rockfall Hazard Rating System for Pakistan (RHRSP)—An Application for Hazard and Risk Assessment along the Karakoram Highway, Northwest Pakistan. *Applied Sciences (Switzerland)*, **2022**, 12, 3778	2.6	1
3	Snowmelt-triggered reactivation of a loess landslide in Yili, Xinjiang, China: mode and mechanism. *Landslides*,1	6.6	1
2	Determining trigger factors of soil mass failure in a hollow: A study based in the Sichuan Province, China. *Catena*, **2022**, 216, 106368	5.8	1
1	Largest scale successful real-time evacuation after the Wenchuan earthquake in China: lessons learned from the Zengda gully giant debris flow disaster. *Geomatics, Natural Hazards and Risk*, **2022**, 13, 19-34	3.6	