

Hua-yong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

185
citations

1162889

8
h-index

1125617

13
g-index

24
all docs

24
docs citations

24
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of slit size on the impact load against debris-flow mitigation dams. <i>Engineering Geology</i> , 2020, 274, 105764.	2.9	30
2	Review of moraine dam failure mechanism. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 1948-1966.	2.0	23
3	Experimental study of debris flow caused by domino failures of landslide dams. <i>International Journal of Sediment Research</i> , 2014, 29, 414-422.	1.8	21
4	Characteristics and interpretation of the seismic signal of a field-scale landslide dam failure experiment. <i>Journal of Mountain Science</i> , 2017, 14, 219-236.	0.8	16
5	Landslide inventory and susceptibility assessment using multiple statistical approaches along the Karakoram highway, northern Pakistan. <i>Journal of Mountain Science</i> , 2021, 18, 583-598.	0.8	16
6	Laboratory study on the characteristics of large wood and debris flow processes at slit-check dams. <i>Landslides</i> , 2020, 17, 1703-1711.	2.7	14
7	Characteristics of viscous debris flow in a drainage channel with an energy dissipation structure. <i>Journal of Mountain Science</i> , 2016, 13, 223-233.	0.8	13
8	Study on the downcutting rate of a debris flow dam based on grain-size distribution. <i>Geomorphology</i> , 2021, 391, 107891.	1.1	11
9	Investigation of vertical velocity distribution in debris flows by PIV measurement. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1631-1642.	2.0	8
10	Effects of river flow velocity on the formation of landslide dams. <i>Journal of Mountain Science</i> , 2019, 16, 2502-2518.	0.8	6
11	Effects of <i>Y</i>-type spillway lateral contraction ratios on debris-flow patterns and scour features downriver of a check dam. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2433-2442.	1.5	5
12	Study on the Surge Wave Induced by Glacier Avalanches and its Effects on Dam Failure Process. <i>International Journal of Erosion Control Engineering</i> , 2017, 10, 9-15.	0.5	5
13	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.	2.7	5
14	Review of Investigations on Hazard Chains Triggered by River-Blocking Debris Flows and Dam-Break Floods. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	5
15	Effects of spillway types on debris flow trajectory and scour behind a sabo dam. <i>Journal of Mountain Science</i> , 2016, 13, 203-212.	0.8	3
16	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.	0.8	2
17	Erosion Process of Multiple Debris Flow Surges Caused by Check Dam Removal: An Experimental Study. <i>Water Resources Research</i> , 2022, 58, .	1.7	1