

Jian-gang Chen

List of Publications by Citations

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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.

30
papers

299
citations

9
h-index

16
g-index

41
ext. papers

434
ext. citations

3.8
avg, IF

3.53
L-index

#	Paper	IF	Citations
30	Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. <i>Engineering Geology</i> , 2015 , 194, 73-85	6	76
29	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
28	Experimental study on a debris-flow drainage channel with different types of energy dissipation baffles. <i>Engineering Geology</i> , 2017 , 220, 43-51	6	29
27	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	18
26	Experimental study on time-averaged pressures in stepped spillway. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012 , 50, 236-240	1.9	13
25	Role of baffle shape on debris flow impact in step-pool channel: an SPH study. <i>Landslides</i> , 2020 , 17, 2099-2111	6.2	12
24	Assessment of landslide susceptibility along the Araniko Highway in Poiqu/Bhote Koshi/Sun Koshi Watershed, Nepal Himalaya. <i>Progress in Disaster Science</i> , 2019 , 3, 100037	7.8	12
23	Types and causes of debris flow damage to drainage channels in the Wenchuan earthquake area. <i>Journal of Mountain Science</i> , 2014 , 11, 1406-1419	2.1	12
22	Debris Flow Drainage Channel with Energy Dissipation Structures: Experimental Study and Engineering Application. <i>Journal of Hydraulic Engineering</i> , 2018 , 144, 06018012	1.8	10
21	Characteristics of a Debris Flow Disaster and Its Mitigation Countermeasures in Zechawa Gully, Jiuzhaigou Valley, China. <i>Water (Switzerland)</i> , 2020 , 12, 1256	3	9
20	Experimental study of viscous debris flow characteristics in drainage channel with oblique symmetrical sills. <i>Engineering Geology</i> , 2018 , 233, 55-62	6	9
19	Characteristics of viscous debris flow in a drainage channel with an energy dissipation structure. <i>Journal of Mountain Science</i> , 2016 , 13, 223-233	2.1	8
18	The influence of temporal and spatial variations on phase separation in debris flow deposition. <i>Landslides</i> , 2019 , 16, 497-514	6.6	8
17	Experimental study on the characteristics of a debris-flow drainage channel with an energy dissipation structure. <i>Bulletin of Engineering Geology and the Environment</i> , 2017 , 76, 341-351	4	7
16	Experimental study on the energy dissipation characteristics of debris flow deceleration baffles. <i>Journal of Mountain Science</i> , 2017 , 14, 1951-1960	2.1	7
15	Characteristics of a drainage channel with staggered indented sills for controlling debris flows. <i>Journal of Mountain Science</i> , 2014 , 11, 1242-1252	2.1	7
14	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	3.6	7

13	Regulation effectiveness of a window-check dam on debris flows. <i>Engineering Geology</i> , 2019 , 253, 205-213	1.3	5
12	Characteristics of a Debris-Flow Drainage Channel with a Step-Pool Configuration. <i>Journal of Hydraulic Engineering</i> , 2017 , 143, 04017038	1.8	5
11	Laboratory study on the characteristics of large wood and debris flow processes at slit-check dams. <i>Landslides</i> , 2020 , 17, 1703-1711	6.6	4
10	Effects of spillway types on debris flow trajectory and scour behind a sabo dam. <i>Journal of Mountain Science</i> , 2016 , 13, 203-212	2.1	2
9	Cavity length downstream of a sudden fall-expansion aerator in chute. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 2053-2062	1.4	1
8	Application of incomplete similarity theory to the estimation of the mean velocity of debris flows. <i>Landslides</i> , 2018 , 15, 2083-2091	6.6	1
7	Modeling Flood Peak Discharge Caused by Overtopping Failure of a Landslide Dam. <i>Water (Switzerland)</i> , 2021 , 13, 921	3	1
6	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	4	1
5	Study on the downcutting rate of a debris flow dam based on grain-size distribution. <i>Geomorphology</i> , 2021 , 391, 107891	4.3	1
4	Impact failure models and application condition of trees in debris-flow hazard mitigation. <i>Journal of Mountain Science</i> , 2021 , 18, 1874-1885	2.1	0
3	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	3.6	0
2	Closure to Characteristics of a Debris-Flow Drainage Channel with a Step-Pool Configuration by Xiaoqing Chen, Jiangang Chen, Wanyu Zhao, Yun Li, and Yong You. <i>Journal of Hydraulic Engineering</i> , 2019 , 145, 07019006	1.8	
1	Three-Dimensional Aerators: Characteristics of the Air Bubbles. <i>Water (Switzerland)</i> , 2018 , 10, 1430	3	