

# Jian-gang Chen

## List of Publications by Year in descending order

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33  
papers

528  
citations

686830

13  
h-index

676716

22  
g-index

41  
all docs

41  
docs citations

41  
times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. <i>Engineering Geology</i> , 2015, 194, 73-85.	2.9	111
2	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.	0.8	45
3	Experimental study on a debris-flow drainage channel with different types of energy dissipation baffles. <i>Engineering Geology</i> , 2017, 220, 43-51.	2.9	43
4	Role of baffle shape on debris flow impact in step-pool channel: an SPH study. <i>Landslides</i> , 2020, 17, 2099-2111.	2.7	32
5	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.	2.9	25
6	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.	1.4	22
7	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.	2.0	20
8	Experimental study on time-averaged pressures in stepped spillway. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012, 50, 236-240.	0.7	18
9	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.	0.8	17
10	Debris Flow Drainage Channel with Energy Dissipation Structures: Experimental Study and Engineering Application. <i>Journal of Hydraulic Engineering</i> , 2018, 144, .	0.7	17
11	Characteristics of a Debris Flow Disaster and Its Mitigation Countermeasures in Zechawa Gully, Jiuzhaigou Valley, China. <i>Water (Switzerland)</i> , 2020, 12, 1256.	1.2	17
12	Experimental study of viscous debris flow characteristics in drainage channel with oblique symmetrical sills. <i>Engineering Geology</i> , 2018, 233, 55-62.	2.9	16
13	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
14	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
15	Regulation effectiveness of a window-check dam on debris flows. <i>Engineering Geology</i> , 2019, 253, 205-213.	2.9	13
16	The influence of temporal and spatial variations on phase separation in debris flow deposition. <i>Landslides</i> , 2019, 16, 497-514.	2.7	13
17	Characteristics of a drainage channel with staggered indented sills for controlling debris flows. <i>Journal of Mountain Science</i> , 2014, 11, 1242-1252.	0.8	12
18	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.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Study on the downcutting rate of a debris flow dam based on grain-size distribution. <i>Geomorphology</i> , 2021, 391, 107891.	1.1	11
20	Experimental study on the energy dissipation characteristics of debris flow deceleration baffles. <i>Journal of Mountain Science</i> , 2017, 14, 1951-1960.	0.8	10
21	Characteristics of a Debris-Flow Drainage Channel with a Step-Pool Configuration. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	0.7	8
22	Modeling Flood Peak Discharge Caused by Overtopping Failure of a Landslide Dam. <i>Water (Switzerland)</i> , 2021, 13, 921.	1.2	8
23	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.	1.6	7
24	Engineering Planning Method and Control Modes for Debris Flow Disasters in Scenic Areas. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	5
25	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
26	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.	2.0	4
27	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
28	Impact failure models and application condition of trees in debris-flow hazard mitigation. <i>Journal of Mountain Science</i> , 2021, 18, 1874-1885.	0.8	3
29	Cavity length downstream of a sudden fall-expansion aerator in chute. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 2053-2062.	1.0	2
30	Application of incomplete similarity theory to the estimation of the mean velocity of debris flows. <i>Landslides</i> , 2018, 15, 2083-2091.	2.7	1
31	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
32	Three-Dimensional Aerators: Characteristics of the Air Bubbles. <i>Water (Switzerland)</i> , 2018, 10, 1430.	1.2	0
33	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.	0.7	0