

# Gordon G D Zhou

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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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.

25 papers	287 citations	10 h-index	16 g-index
30 ext. papers	435 ext. citations	4.4 avg, IF	3.62 L-index

#	Paper	IF	Citations
25	Discrete element analysis of dry granular flow impact on slit dams. <i>Landslides</i> , <b>2021</b> , 18, 1143-1152	6.6	4
24	Viscous Effects on the Particle Size Segregation in Geophysical Mass Flows: Insights From Immersed Granular Shear Flow Simulations. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2021JB022274	3.6	1
23	Numerical study of granular debris flow run-up against slit dams by discrete element method. <i>Landslides</i> , <b>2020</b> , 17, 585-595	6.6	23
22	Numerical study on the evolution process of a geohazards chain resulting from the Yigong landslide. <i>Landslides</i> , <b>2020</b> , 17, 2563-2576	6.6	5
21	Generalized friction and dilatancy laws for immersed granular flows consisting of large and small particles. <i>Physics of Fluids</i> , <b>2020</b> , 32, 113312	4.4	8
20	Particle Size Segregation in Granular Mass Flows With Different Ambient Fluids. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2020JB019536	3.6	4
19	Influence of inflow discharge and bed erodibility on outburst flood of landslide dam. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 778-792	2.1	12
18	Effects of water content on the shear behavior and critical state of glacial till in Tianmo Gully of Tibet, China. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 1743-1759	2.1	3
17	Load-attenuation mechanisms of flexible barrier subjected to bouldery debris flow impact. <i>Landslides</i> , <b>2019</b> , 16, 2321-2334	6.6	17
16	Compression characteristics of saturated re-compacted glacial tills in Tianmo Gully of Tibet, China. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 1661-1674	2.1	2
15	Debris flow impact on flexible barrier: effects of debris-barrier stiffness and flow aspect ratio. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 1629-1645	2.1	9
14	Depositional mechanisms and morphology of debris flow: physical modelling. <i>Landslides</i> , <b>2019</b> , 16, 315-328	6.6	23
13	Experimental study on the regulation function of slit dam against debris flows. <i>Landslides</i> , <b>2019</b> , 16, 75-90	6.6	15
12	Utilizing crowdsourcing to enhance the mitigation and management of landslides. <i>Landslides</i> , <b>2018</b> , 15, 1889-1899	6.6	7
11	Effect of dry density on the liquefaction behaviour of Quaternary silt. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 1597-1614	2.1	2
10	Effect of cement on the stabilization of loess. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 2325-2336	2.1	20
9	Study of pore fluid effect on the mobility of granular debris flows. <i>EPJ Web of Conferences</i> , <b>2017</b> , 140, 09046	0.3	1

8	Laboratory experiments of water pressure loads acting on a downstream dam caused by ice avalanches. <i>Landslides</i> , <b>2015</b> , 12, 1131-1138	6.6	17
7	Comparison of rheometric devices for measuring the rheological parameters of debris flow slurry. <i>Journal of Mountain Science</i> , <b>2015</b> , 12, 1125-1134	2.1	8
6	A new theoretical method for analyzing confined dry granular flows. <i>Landslides</i> , <b>2014</b> , 11, 369-384	6.6	11
5	Experimental study on cascading landslide dam failures by upstream flows. <i>Landslides</i> , <b>2013</b> , 10, 633-643	6.6	51
4	Numerical investigation of reverse segregation in debris flows by DEM. <i>Granular Matter</i> , <b>2010</b> , 12, 507-516	6.6	38
3	Assessment of debris flow multiple-surge load model based on the physical process of debris-barrier interaction. <i>Landslides</i> , 1	6.6	4
2	Predictive modeling and analysis of runout distance of physical mudflows based on a discrete element method	1-11	1
1	Debris flow overflowing flexible barrier: physical process and drag load characteristics. <i>Landslides</i> , 1	6.6	1