Ling-kan Yao

List of Publications by Year
in descending order

25 papers	129 citations	1478280 6 h-index	1372474 10 g-index
25 all docs	25 docs citations	25 times ranked	138 citing authors

#	Article	IF	Citations
1	Analysis of earthquake-triggered failure mechanisms of slopes and sliding surfaces. Journal of Mountain Science, 2010, 7, 282-290.	0.8	36
2	Size and spatial distribution of landslides induced by the 2015 Gorkha earthquake in the Bhote Koshi river watershed. Journal of Mountain Science, 2017, 14, 1938-1950.	0.8	19
3	Damming of large river by debris flow: Dynamic process and particle composition. Journal of Mountain Science, 2014, 11, 634-643.	0.8	10
4	Seismic stability evaluation of embankment slope based on catastrophe theory. Journal of Modern Transportation, 2013, 21, 111-116.	2.5	7
5	Effects of seismic surge waves and implications for moraine-dammed lake outburst. Frontiers of Earth Science, 2016, 10, 570-577.	0.9	6
6	Size distribution law of earthquake-triggered landslides in different seismic intensity zones. Nonlinear Processes in Geophysics, 2021, 28, 167-179.	0.6	6
7	Analysis of the stability and seismic behavior of the geosynthetic-reinforced embankments under earthquake. Journal of Mountain Science, 2020, 17, 1269-1280.	0.8	5
8	Composite Impulse Waves Triggered by a Combined Earthquake and Landslide. Journal of Earthquake and Tsunami, 2020, 14, 2050002.	0.7	5
9	Laboratory investigations of earthquake- and landslide-induced composite surges. Journal of Mountain Science, 2017, 14, 1537-1549.	0.8	4
10	Experimental Study of the Debris Flow Slurry Impact and Distribution. Shock and Vibration, 2018, 2018, 1-15.	0.3	4
11	Influence factors on the seismic behavior and deformation modes of gravity retaining walls. Journal of Mountain Science, 2019, 16, 168-178.	0.8	4
12	Prediction of the Maximum Wave Elevation in Moraine-Dammed Lakes during Resonant Earthquake Excitation. Journal of Engineering Mechanics - ASCE, 2020, 146, .	1.6	4
13	Scaling behavior of magnitude clusters in aftershock sequence: An example of the Wenchuan Earthquake, China. Science China Earth Sciences, 2012, 55, 507-512.	2.3	3
14	Superelevation Calculation of Debris Flow Climbing Ascending Slopes. Mathematical Problems in Engineering, 2017, 2017, 1-9.	0.6	3
15	Self-organized criticality and its application in the slope disasters under gravity. Science in China Series D: Earth Sciences, 2004, 46, 20.	0.9	3
16	Experimental study on the applicability of Westergaard's formula for calculating earthquake-induced hydrodynamic pressure in small lake. Journal of Modern Transportation, 2018, 26, 49-56.	2.5	2
17	Surge Waves Under Earthquake and Clastic Flow Landslide. Journal of Earthquake and Tsunami, 2018, 12, 1850009.	0.7	2
18	The Maximum Height and Attenuation of Impulse Waves Generated by Subaerial Landslides. Shock and Vibration, 2018, 2018, 1-14.	0.3	2

#	Article	IF	Citations
19	Model tests for surge height of rock avalanche–debris flows based on momentum balance. Journal of Modern Transportation, 2019, 27, 334-340.	2.5	2
20	Experimental Investigation of Seismic-Induced Hydrodynamic Pressures on a Vertical Wall under Conditions of Wave Resonance. Shock and Vibration, 2017, 2017, 1-11.	0.3	1
21	Shallow-Water-Equation Model for Simulation of Earthquake-Induced Water Waves. Mathematical Problems in Engineering, 2017, 2017, 1-11.	0.6	1
22	Fractal characteristics of gravity landform and its SOC mechanism. Wuhan University Journal of Natural Sciences, 2007, 12, 605-609.	0.2	0
23	Fractal Cellular Automata Model and Simulation. , 2009, , .		0
24	Rapid assessment of seismic landslide zones. Journal of Modern Transportation, 2015, 23, 220-227.	2.5	0
25	Study on Earthquake-Induced Sloshing Waves in Moraine-Dammed Lakes. Journal of Earthquake and Tsunami, 0, , 2250001.	0.7	0