Ling-kan Yao

List of Publications by Citations

23 papers	89 citations	4 h-index	9 g-index
25 ext. papers	107 ext. citations	2 avg, IF	2.48 L-index

#	Paper	IF	Citations
23	Analysis of earthquake-triggered failure mechanisms of slopes and sliding surfaces. *Journal of Mountain Science*, **2010**, 7, 282-290	2.1	31
22	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	2.1	12
21	Damming of large river by debris flow: Dynamic process and particle composition. *Journal of Mountain Science*, **2014**, 11, 634-643	2.1	9
20	Seismic stability evaluation of embankment slope based on catastrophe theory. *Journal of Modern Transportation*, **2013**, 21, 111-116	3.7	6
19	Effects of seismic surge waves and implications for moraine-dammed lake outburst. *Frontiers of Earth Science*, **2016**, 10, 570-577	1.7	4
18	Influence factors on the seismic behavior and deformation modes of gravity retaining walls. *Journal of Mountain Science*, **2019**, 16, 168-178	2.1	3
17	Scaling behavior of magnitude clusters in aftershock sequence: An example of the Wenchuan Earthquake, China. *Science China Earth Sciences*, **2012**, 55, 507-512	4.6	3
16	Experimental Study of the Debris Flow Slurry Impact and Distribution. *Shock and Vibration*, **2018**, 2018, 1-15	1.1	3
15	Analysis of the stability and seismic behavior of the geosynthetic-reinforced embankments under earthquake. *Journal of Mountain Science*, **2020**, 17, 1269-1280	2.1	2
14	Composite Impulse Waves Triggered by a Combined Earthquake and Landslide. *Journal of Earthquake and Tsunami*, **2020**, 14, 2050002	1.1	2
13	Superelevation Calculation of Debris Flow Climbing Ascending Slopes. *Mathematical Problems in Engineering*, **2017**, 2017, 1-9	1.1	2
12	The Maximum Height and Attenuation of Impulse Waves Generated by Subaerial Landslides. *Shock and Vibration*, **2018**, 2018, 1-14	1.1	2
11	Laboratory investigations of earthquake- and landslide-induced composite surges. *Journal of Mountain Science*, **2017**, 14, 1537-1549	2.1	2
10	Prediction of the Maximum Wave Elevation in Moraine-Dammed Lakes during Resonant Earthquake Excitation. *Journal of Engineering Mechanics - ASCE*, **2020**, 146, 04019118	2.4	2
9	Surge Waves Under Earthquake and Clastic Flow Landslide. *Journal of Earthquake and Tsunami*, **2018**, 12, 1850009	1.1	2
8	Experimental study on the applicability of Westergaard□ formula for calculating earthquake-induced hydrodynamic pressure in small lake. *Journal of Modern Transportation*, **2018**, 26, 49-56	3.7	1
7	Model tests for surge height of rock avalanche□debris flows based on momentum balance. *Journal of Modern Transportation*, **2019**, 27, 334-340	3.7	1

List of Publications

6	Size distribution law of earthquake-triggered landslides in different seismic intensity zones. *Nonlinear Processes in Geophysics*, **2021**, 28, 167-179	2.9	1
5	Experimental Investigation of Seismic-Induced Hydrodynamic Pressures on a Vertical Wall under Conditions of Wave Resonance. *Shock and Vibration*, **2017**, 2017, 1-11	1.1	0
4	Rapid assessment of seismic landslide zones. *Journal of Modern Transportation*, **2015**, 23, 220-227	3.7	
3	Shallow-Water-Equation Model for Simulation of Earthquake-Induced Water Waves. *Mathematical Problems in Engineering*, **2017**, 2017, 1-11	1.1	
2	Fractal characteristics of gravity landform and its SOC mechanism. *Wuhan University Journal of Natural Sciences*, **2007**, 12, 605-609	0.4	
1	Study on Earthquake-Induced Sloshing Waves in Moraine-Dammed Lakes. *Journal of Earthquake and Tsunami*,2250001	1.1	