

# Ling-kan Yao

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

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	Size distribution law of earthquake-triggered landslides in different seismic intensity zones. <i>Nonlinear Processes in Geophysics</i> , <b>2021</b> , 28, 167-179	2.9	1
22	Analysis of the stability and seismic behavior of the geosynthetic-reinforced embankments under earthquake. <i>Journal of Mountain Science</i> , <b>2020</b> , 17, 1269-1280	2.1	2
21	Composite Impulse Waves Triggered by a Combined Earthquake and Landslide. <i>Journal of Earthquake and Tsunami</i> , <b>2020</b> , 14, 2050002	1.1	2
20	Prediction of the Maximum Wave Elevation in Moraine-Dammed Lakes during Resonant Earthquake Excitation. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2020</b> , 146, 04019118	2.4	2
19	Influence factors on the seismic behavior and deformation modes of gravity retaining walls. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 168-178	2.1	3
18	Model tests for surge height of rock avalanche debris flows based on momentum balance. <i>Journal of Modern Transportation</i> , <b>2019</b> , 27, 334-340	3.7	1
17	Experimental study on the applicability of Westergaard formula for calculating earthquake-induced hydrodynamic pressure in small lake. <i>Journal of Modern Transportation</i> , <b>2018</b> , 26, 49-56	3.7	1
16	The Maximum Height and Attenuation of Impulse Waves Generated by Subaerial Landslides. <i>Shock and Vibration</i> , <b>2018</b> , 2018, 1-14	1.1	2
15	Experimental Study of the Debris Flow Slurry Impact and Distribution. <i>Shock and Vibration</i> , <b>2018</b> , 2018, 1-15	1.1	3
14	Surge Waves Under Earthquake and Clastic Flow Landslide. <i>Journal of Earthquake and Tsunami</i> , <b>2018</b> , 12, 1850009	1.1	2
13	Size and spatial distribution of landslides induced by the 2015 Gorkha earthquake in the Bhote Koshi river watershed. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1938-1950	2.1	12
12	Superelevation Calculation of Debris Flow Climbing Ascending Slopes. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-9	1.1	2
11	Shallow-Water-Equation Model for Simulation of Earthquake-Induced Water Waves. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-11	1.1	
10	Laboratory investigations of earthquake- and landslide-induced composite surges. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1537-1549	2.1	2
9	Experimental Investigation of Seismic-Induced Hydrodynamic Pressures on a Vertical Wall under Conditions of Wave Resonance. <i>Shock and Vibration</i> , <b>2017</b> , 2017, 1-11	1.1	0
8	Effects of seismic surge waves and implications for moraine-dammed lake outburst. <i>Frontiers of Earth Science</i> , <b>2016</b> , 10, 570-577	1.7	4
7	Rapid assessment of seismic landslide zones. <i>Journal of Modern Transportation</i> , <b>2015</b> , 23, 220-227	3.7	

6	Damming of large river by debris flow: Dynamic process and particle composition. <i>Journal of Mountain Science</i> , <b>2014</b> , 11, 634-643	2.1	9
5	Seismic stability evaluation of embankment slope based on catastrophe theory. <i>Journal of Modern Transportation</i> , <b>2013</b> , 21, 111-116	3.7	6
4	Scaling behavior of magnitude clusters in aftershock sequence: An example of the Wenchuan Earthquake, China. <i>Science China Earth Sciences</i> , <b>2012</b> , 55, 507-512	4.6	3
3	Analysis of earthquake-triggered failure mechanisms of slopes and sliding surfaces. <i>Journal of Mountain Science</i> , <b>2010</b> , 7, 282-290	2.1	31
2	Fractal characteristics of gravity landform and its SOC mechanism. <i>Wuhan University Journal of Natural Sciences</i> , <b>2007</b> , 12, 605-609	0.4	
1	Study on Earthquake-Induced Sloshing Waves in Moraine-Dammed Lakes. <i>Journal of Earthquake and Tsunami</i> , 2250001	1.1	