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List of Publications by Citations

51 papers	471 citations	12 h-index	20 g-index
56 ext. papers	683 ext. citations	3.3 avg, IF	4.29 L-index

#	Paper	IF	Citations
51	Characteristics and triggering mechanism of Xinmo landslide on 24 June 2017 in Sichuan, China. *Journal of Mountain Science*, **2017**, 14, 1689-1700	2.1	59
50	Numerical modeling and dynamic analysis of the 2017 Xinmo landslide in Maoxian County, China. *Journal of Mountain Science*, **2017**, 14, 1701-1711	2.1	59
49	An integrated geophysical approach for investigating hydro-geological characteristics of a debris landslide in the Wenchuan earthquake area. *Engineering Geology*, **2017**, 219, 52-63	6	42
48	Landslide susceptibility assessment of the region affected by the 25 April 2015 Gorkha earthquake of Nepal. *Journal of Mountain Science*, **2016**, 13, 1941-1957	2.1	34
47	Particle breakage and the mobilized drained shear strengths of sand. *Journal of Mountain Science*, **2016**, 13, 1481-1488	2.1	27
46	Investigation of the dynamic process of the Xinmo landslide using the discrete element method. *Computers and Geotechnics*, **2020**, 123, 103561	4.4	20
45	Effect of cement on the stabilization of loess. *Journal of Mountain Science*, **2017**, 14, 2325-2336	2.1	20
44	Limit equilibrium analysis of seismic stability of slopes reinforced with a row of piles. *International Journal for Numerical and Analytical Methods in Geomechanics*, **2016**, 40, 1241-1250	4	19
43	Analysis on shear wave velocity structure of a gravel landslide based on dual-source surface wave method. *Landslides*, **2017**, 14, 1127-1137	6.6	16
42	Geo-engineered buffer capacity of two-layered absorbing system under the impact of rock avalanches based on Discrete Element Method. *Journal of Mountain Science*, **2016**, 13, 917-929	2.1	14
41	Dynamic behaviour of weathered red mudstone in Sichuan (China) under triaxial cyclic loading. *Journal of Mountain Science*, **2018**, 15, 1789-1806	2.1	13
40	Large-scale shaking table model test on seismic performance of bridge-pile-foundation slope with anti-sliding piles: a case study. *Bulletin of Engineering Geology and the Environment*, **2020**, 79, 1429-1447	4	12
39	Selection of Physical and Chemical Properties of Natural Fibers for Predicting Soil Reinforcement. *Journal of Materials in Civil Engineering*, **2019**, 31, 04019212	3	10
38	A case study on diurnal and seasonal variation in pavement temperature. *International Journal of Pavement Engineering*, **2014**, 15, 402-408	2.6	10
37	Experimental and theoretical study of mechanical properties of root-soil interface for slope protection. *Journal of Mountain Science*, **2020**, 17, 2784-2795	2.1	10
36	Seismic stability analysis of slopes with pre-existing slip surfaces. *Journal of Mountain Science*, **2018**, 15, 1331-1341	2.1	9
35	Full-scale model testing on the dynamic behaviour of weathered red mudstone subgrade under railway cyclic loading. *Soils and Foundations*, **2019**, 59, 296-315	2.9	9

34	Experimental investigation on the impact force of the dry granular flow against a flexible barrier. *Landslides*, **2020**, 17, 1465-1483	6.6	8
33	Emergency response to the reactivated Aniangzhai landslide resulting from a rainstorm-triggered debris flow, Sichuan Province, China. *Landslides*, **2021**, 18, 1115-1130	6.6	8
32	Landslide susceptibility analysis of Karakoram highway using analytical hierarchy process and scoops 3D. *Journal of Mountain Science*, **2020**, 17, 1596-1612	2.1	7
31	Landslide dynamic process and parameter sensitivity analysis by discrete element method: the case of Turnoff Creek rock avalanche. *Journal of Mountain Science*, **2020**, 17, 1581-1595	2.1	6
30	Experimental validation of a new semi-empirical impact force model of the dry granular flow impact against a rigid barrier. *Landslides*, **2021**, 18, 1387-1402	6.6	6
29	Modeling of rapid evaluation for seismic stability of soil slope by finite element limit analysis. *Computers and Geotechnics*, **2021**, 133, 104074	4.4	5
28	Long runout mechanism of the Shenzhen 2015 landslide: insights from a two-phase flow viewpoint. *Journal of Mountain Science*, **2018**, 15, 2247-2265	2.1	5
27	A back-propagation neural-network-based displacement back analysis for the identification of the geomechanical parameters of the Yonglang landslide in China. *Journal of Mountain Science*, **2017**, 14, 1739-1750	2.1	4
26	The spatial distribution characteristics of shallow fissures of a landslide in the Wenchuan earthquake area. *Journal of Mountain Science*, **2016**, 13, 1544-1557	2.1	4
25	Large-scale shaking table test on seismic behaviour of anti-slide pile-reinforced bridge foundation and gravel landslide: a case study. *Bulletin of Engineering Geology and the Environment*, **2021**, 80, 1303-1316	4	4
24	Centrifuge Modelling and Analysis of Ground Reaction of High-speed Railway Embankments over Medium Compressibility Ground. *KSCE Journal of Civil Engineering*, **2018**, 22, 4826-4840	1.9	4
23	Estimating the maximum impact force of dry granular flow based on pileup characteristics. *Journal of Mountain Science*, **2019**, 16, 2435-2452	2.1	3
22	Directional seismic response to the complex topography: A case study of 2013 Lushan Ms 7.0 earthquake. *Journal of Mountain Science*, **2020**, 17, 2049-2067	2.1	3
21	Influence of critical acceleration model on assessments of potential earthquake-induced landslide hazards in Shimian County, Sichuan Province, China. *Landslides*, **2021**, 18, 1659-1674	6.6	3
20	Effect of dry density on the liquefaction behaviour of Quaternary silt. *Journal of Mountain Science*, **2018**, 15, 1597-1614	2.1	2
19	The relationship between crust-lithosphere structures and seismicity on the southeastern edge of the Tibetan Plateau. *Tectonophysics*, **2020**, 776, 228300	3.1	2
18	Landslide characteristics and its impact on tourism for two roadside towns along the Kathmandu Kyirong Highway. *Journal of Mountain Science*, **2020**, 17, 1840-1859	2.1	2
17	Large-scale shaking table tests on the seismic responses of soil slopes with various natural densities. *Soil Dynamics and Earthquake Engineering*, **2021**, 140, 106409	3.5	2

16	Particle breakage of sand subjected to friction and collision in drum tests. *Journal of Rock Mechanics and Geotechnical Engineering*, **2021**, 13, 390-400	5.3	2
15	Experimental investigation of mobility and deposition characteristics of dry granular flow. *Landslides*, **2021**, 18, 1875-1887	6.6	2
14	Landslides triggered by the 2018 Lombok earthquake sequence, Indonesia. *Catena*, **2021**, 207, 105676	5.8	2
13	An novel energy dissipator with self-recovery capability after deformation for structurally energy-dissipating rock-shed. *Journal of Mountain Science*, **2021**, 18, 3058-3068	2.1	1
12	Insights into the mobility characteristics of seismic earthflows related to the Palu and Eastern Iburi earthquakes. *Geomorphology*, **2021**, 391, 107886	4.3	1
11	Formation Mechanism and Stability of the Instable Block Formed in Xinmo Landsilde. *ICL Contribution To Landslide Disaster Risk Reduction*, **2021**, 163-168		0
10	Landslide susceptibility assessment at Kathmandu Kyirong Highway Corridor in pre-quake, co-seismic and post-quake situations. *Journal of Mountain Science*, **2020**, 17, 2652-2673	2.1	0
9	Risk assessment of glacial debris flow on alpine highway under climate change: A case study of Aierkuran Gully along Karakoram Highway. *Journal of Mountain Science*, **2021**, 18, 1458-1475	2.1	0
8	Transition of shear flow for granular materials in a numerical ring shear test. *Granular Matter*, **2021**, 23, 1	2.6	0
7	Deformation characteristics of a large landslide reactivated by human activity in Wanyuan city, Sichuan Province, China. *Landslides*, **2022**, 19, 1131	6.6	0
6	Geophysical prospecting related to earthflow reactivation and hazard assessment: a study based on Huangnibazi slope failure in Sichuan Province, China. *Bulletin of Engineering Geology and the Environment*, **2022**, 81, 1	4	0
5	Seismic behaviour of granular slope under railway embankment in large-scale shaking table test. *Engineering Geology*, **2022**, 305, 106714	6	0
4	Estimation of hydraulic parameters of an unconfined aquifer by using geoelectrical and pumping test data: a case study of the Mandi Bahauddin District, Pakistan. *Arabian Journal of Geosciences*, **2020**, 13, 1	1.8	
3	Bending of Nonconforming Thin Plates Based on the Mixed-Order Manifold Method with Background Cells for Integration. *Advances in Materials Science and Engineering*, **2020**, 2020, 1-14	1.5	
2	Influence of grain segregation on the behavior of sand in triaxial tests. *Journal of Mountain Science*, **2021**, 18, 2776	2.1	
1	An evaluation method for internal erosion potential of gravelly soil based on particle size distribution. *Journal of Mountain Science*, **2022**, 19, 1203-1214	2.1	