

Xin-po Li

List of Publications by Year in Descending Order

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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.

31
papers

446
citations

13
h-index

20
g-index

31
ext. papers

557
ext. citations

3.5
avg, IF

3.86
L-index

#	Paper	IF	Citations
31	Fracture mechanism of rock collapse in the freeze-thaw zone of the eastern Sichuan-Tibet Mountains under seasonal fluctuating combinations of water and heat. <i>Natural Hazards</i> , 2021 , 108, 2309-2333	2.333	2
30	Investigation of the strength recovery characteristics of a red-bed landslide soil by SHS and ultrasonic experiments. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 5271-5278	4	0
29	The Xinmo rockslide-debris avalanche: An analysis based on the three-dimensional material point method. <i>Engineering Geology</i> , 2021 , 287, 106109	6	3
28	MPM evaluation of the dynamic runout process of the giant Daguangbao landslide. <i>Landslides</i> , 2021 , 18, 1509-1518	6.6	6
27	Fracture of rocks in the mountains of Southeast Tibet under hydrothermal conditions at different elevations. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 4291-4308	4	1
26	Investigation of influence of baffles on landslide debris mobility by 3D material point method. <i>Landslides</i> , 2020 , 17, 1129-1143	6.6	15
25	Dynamic response and optimization of an inclined steel rock shed by the graded energy dissipating method. <i>Journal of Mountain Science</i> , 2019 , 16, 138-152	2.1	4
24	Effects of the configuration of a baffle-avalanche wall system on rock avalanches in Tibet Zhangmu: discrete element analysis. <i>Bulletin of Engineering Geology and the Environment</i> , 2019 , 78, 2267-2282	4.2282	18
23	Seismic stability analysis of gravity retaining wall supporting soil with cracks. <i>Soils and Foundations</i> , 2019 , 59, 1103-1111	2.9	2
22	A soft-rigid contact model of MPM for granular flow impact on retaining structures. <i>Computational Particle Mechanics</i> , 2018 , 5, 529-537	3	9
21	Numerical analysis of effect of baffle configuration on impact force exerted from rock avalanches. <i>Landslides</i> , 2018 , 15, 1029-1043	6.6	31
20	Initiation and Displacement Analysis of Cohesive Soil Slopes by Discrete Element Modelling. <i>Geotechnical and Geological Engineering</i> , 2017 , 35, 693-705	1.5	2
19	Hydro-mechanical analysis of rainfall-induced fines migration process within unsaturated soils. <i>Journal of Mountain Science</i> , 2017 , 14, 2603-2619	2.1	8
18	Two-dimensional landslide dynamic simulation based on a velocity-weakening friction law. <i>Landslides</i> , 2016 , 13, 957-965	6.6	22
17	Geo-engineered buffer capacity of two-layered absorbing system under the impact of rock avalanches based on Discrete Element Method. <i>Journal of Mountain Science</i> , 2016 , 13, 917-929	2.1	14
16	A finite volume method for two-phase debris flow simulation that accounts for the pore-fluid pressure evolution. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	5
15	Effects of segregation in binary granular mixture avalanches down inclined chutes impinging on defending structures. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	13

14	Limit equilibrium analysis of seismic stability of slopes reinforced with a row of piles. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016 , 40, 1241-1250	4	19
13	Application of the material point method to simulate the post-failure runout processes of the Wangjiayan landslide. <i>Engineering Geology</i> , 2016 , 212, 1-9	6	42
12	Seismic Stability of Gravity Retaining Walls Under Combined Horizontal and Vertical Accelerations. <i>Geotechnical and Geological Engineering</i> , 2015 , 33, 161-166	1.5	5
11	A new method to calculate lateral force acting on stabilizing piles based on multi-wedge translation mechanism. <i>Journal of Central South University</i> , 2015 , 22, 654-661	2.1	4
10	Limit analysis of the stability of slopes reinforced with anchors. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2012 , 36, 1898-1908	4	16
9	Simulation of the sliding process of Donghekou landslide triggered by the Wenchuan earthquake using a distinct element method. <i>Environmental Earth Sciences</i> , 2012 , 65, 1049-1054	2.9	48
8	Optimal location of piles in slope stabilization by limit analysis. <i>Acta Geotechnica</i> , 2012 , 7, 253-259	4.9	38
7	Progress in stability analysis of submarine slopes considering dissociation of gas hydrates. <i>Environmental Earth Sciences</i> , 2012 , 66, 741-747	2.9	13
6	Numerical studies of the position of piles in slope stabilization. <i>Geomechanics and Geoengineering</i> , 2011 , 6, 209-215	1.4	4
5	Failure mechanisms of post-earthquake bedrock landslides in response to rainfall infiltration. <i>Journal of Mountain Science</i> , 2011 , 8, 96-102	2.1	4
4	Seismic Displacement of Slopes Reinforced with Piles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 880-884	3.4	32
3	Discrete element modeling of debris avalanche impact on retaining walls. <i>Journal of Mountain Science</i> , 2010 , 7, 276-281	2.1	11
2	Seismic stability analysis of gravity retaining walls. <i>Soil Dynamics and Earthquake Engineering</i> , 2010 , 30, 875-878	3.5	35
1	Seismically induced slope instabilities and the corresponding treatments: the case of a road in the Wenchuan earthquake hit region. <i>Journal of Mountain Science</i> , 2009 , 6, 96-100	2.1	20