Xin-po Li

List of Publications by Citations

31	446	13	20
papers	citations	h-index	g-index
31	557	3.5	3.86
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
31	Simulation of the sliding process of Donghekou landslide triggered by the Wenchuan earthquake using a distinct element method. *Environmental Earth Sciences*, **2012**, 65, 1049-1054	2.9	48
30	Application of the material point method to simulate the post-failure runout processes of the Wangjiayan landslide. *Engineering Geology*, **2016**, 212, 1-9	6	42
29	Optimal location of piles in slope stabilization by limit analysis. *Acta Geotechnica*, **2012**, 7, 253-259	4.9	38
28	Seismic stability analysis of gravity retaining walls. *Soil Dynamics and Earthquake Engineering*, **2010**, 30, 875-878	3.5	35
27	Seismic Displacement of Slopes Reinforced with Piles. *Journal of Geotechnical and Geoenvironmental Engineering - ASCE*, **2010**, 136, 880-884	3.4	32
26	Numerical analysis of effect of baffle configuration on impact force exerted from rock avalanches. *Landslides*, **2018**, 15, 1029-1043	6.6	31
25	Two-dimensional landslide dynamic simulation based on a velocity-weakening friction law. *Landslides*, **2016**, 13, 957-965	6.6	22
24	Seismically induced slope instabilities and the corresponding treatments: the case of a road in the Wenchuan earthquake hit region. *Journal of Mountain Science*, **2009**, 6, 96-100	2.1	20
23	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
22	Effects of the configuration of a baffle–avalanche wall system on rock avalanches in Tibet Zhangmu: discrete element analysis. *Bulletin of Engineering Geology and the Environment*, **2019**, 78, 2267–2282	4	18
21	Limit analysis of the stability of slopes reinforced with anchors. *International Journal for Numerical and Analytical Methods in Geomechanics*, **2012**, 36, 1898-1908	4	16
20	Investigation of influence of baffles on landslide debris mobility by 3D material point method. *Landslides*, **2020**, 17, 1129-1143	6.6	15
19	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
18	Effects of segregation in binary granular mixture avalanches down inclined chutes impinging on defending structures. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	13
17	Progress in stability analysis of submarine slopes considering dissociation of gas hydrates. *Environmental Earth Sciences*, **2012**, 66, 741-747	2.9	13
16	Discrete element modeling of debris avalanche impact on retaining walls. *Journal of Mountain Science*, **2010**, 7, 276-281	2.1	11
15	A soft–rigid contact model of MPM for granular flow impact on retaining structures. *Computational Particle Mechanics*, **2018**, 5, 529-537	3	9

14	Hydro-mechanical analysis of rainfall-induced fines migration process within unsaturated soils. *Journal of Mountain Science*, **2017**, 14, 2603-2619	2.1	8
13	MPM evaluation of the dynamic runout process of the giant Daguangbao landslide. *Landslides*, **2021**, 18, 1509-1518	6.6	6
12	Seismic Stability of Gravity Retaining Walls Under Combined Horizontal and Vertical Accelerations. *Geotechnical and Geological Engineering*, **2015**, 33, 161-166	1.5	5
11	A finite volume method for two-phase debris flow simulation that accounts for the pore-fluid pressure evolution. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	5
10	Dynamic response and optimization of an inclined steel rock shed by the graded energy dissipating method. *Journal of Mountain Science*, **2019**, 16, 138-152	2.1	4
9	A new method to calculate lateral force acting on stabilizing piles based on multi-wedge translation mechanism. *Journal of Central South University*, **2015**, 22, 654-661	2.1	4
8	Numerical studies of the position of piles in slope stabilization. *Geomechanics and Geoengineering*, **2011**, 6, 209-215	1.4	4
7	Failure mechanisms of post-earthquake bedrock landslides in response to rainfall infiltration. *Journal of Mountain Science*, **2011**, 8, 96-102	2.1	4
6	The Xinmo rockslide-debris avalanche: An analysis based on the three-dimensional material point method. *Engineering Geology*, **2021**, 287, 106109	6	3
5	Initiation and Displacement Analysis of Cohesive Soil Slopes by Discrete Element Modelling. *Geotechnical and Geological Engineering*, **2017**, 35, 693-705	1.5	2
4	Fracture mechanism of rock collapse in the freeze□thaw zone of the eastern Sichuan□Tibet Mountains under seasonal fluctuating combinations of water and heat. *Natural Hazards*, **2021**, 108, 2309□2333	3	2
3	Seismic stability analysis of gravity retaining wall supporting c□soil with cracks. *Soils and Foundations*, **2019**, 59, 1103-1111	2.9	2
2	Fracture of rocks in the mountains of Southeast Tibet under hydrothermal conditions at different elevations. *Bulletin of Engineering Geology and the Environment*, **2020**, 79, 4291-4308	4	1
1	Investigation of the strength recovery characteristics of a red-bed landslide soil by SHS and ultrasonic experiments. *Bulletin of Engineering Geology and the Environment*, **2021**, 80, 5271-5278	4	0