Yunfeng Ge

List of Publications by Year
in descending order

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27	717	567144 15	552653 26
papers	citations	h-index	g-index

28	28	28	550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of natural rock joint roughness. Computers and Geotechnics, 2014, 55, 290-305.	2.3	110
2	A new method estimating the 2D Joint Roughness Coefficient for discontinuity surfaces in rock masses. International Journal of Rock Mechanics and Minings Sciences, 2014, 72, 191-198.	2.6	102
3	Automated measurements of discontinuity geometric properties from a 3D-point cloud based on a modified region growing algorithm. Engineering Geology, 2018, 242, 44-54.	2.9	68
4	Study on estimation method of rock mass discontinuity shear strength based on three-dimensional laser scanning and image technique. Journal of Earth Science (Wuhan, China), 2012, 23, 908-913.	1.1	47
5	Application of back-propagation neural network on bank destruction forecasting for accumulative landslides in the three Gorges Reservoir Region, China. Stochastic Environmental Research and Risk Assessment, 2014, 28, 1465-1477.	1.9	46
6	Evolution Process of Natural Rock Joint Roughness during Direct Shear Tests. International Journal of Geomechanics, 2017, 17, .	1.3	40
7	A Description for Rock Joint Roughness Based on Terrestrial Laser Scanner and Image Analysis. Scientific Reports, 2015, 5, 16999.	1.6	35
8	Determination of two-dimensional joint roughness coefficient using support vector regression and factor analysis. Engineering Geology, 2017, 231, 238-251.	2.9	29
9	Investigation of Stability of the Critical Rock Blocks that Initiated the Jiweishan Landslide in China. Geotechnical and Geological Engineering, 2014, 32, 1291-1315.	0.8	21
10	Estimation of Joint Roughness Coefficient from Three-Dimensional Discontinuity Surface. Rock Mechanics and Rock Engineering, 2017, 50, 2535-2546.	2.6	21
11	Deposit characteristics of the Jiweishan rapid long-runout landslide based on field investigation and numerical modeling. Bulletin of Engineering Geology and the Environment, 2019, 78, 4383-4396.	1.6	21
12	A comparison of five methods in landslide susceptibility assessment: a case study from the 330-kV transmission line in Gansu Region, China. Environmental Earth Sciences, 2018, 77, 1.	1.3	18
13	Determination of shear failure regions of rock joints based on point clouds and image segmentation. Engineering Geology, 2019, 260, 105250.	2.9	18
14	Landslide susceptibility assessment for a transmission line in Gansu Province, China by using a hybrid approach of fractal theory, information value, and random forest models. Environmental Earth Sciences, 2021, 80, 1.	1.3	18
15	Deformation Monitoring of Earth Fissure Hazards Using Terrestrial Laser Scanning. Sensors, 2019, 19, 1463.	2.1	17
16	Rock Discontinuities Identification from 3D Point Clouds Using Artificial Neural Network. Rock Mechanics and Rock Engineering, 2022, 55, 1705-1720.	2.6	17
17	Estimation of the appropriate sampling interval for rock joints roughness using laser scanning. Bulletin of Engineering Geology and the Environment, 2021, 80, 3569-3588.	1.6	16
18	Determination of the shear failure areas of rock joints using a laser scanning technique and artificial intelligence algorithms. Engineering Geology, 2021, 293, 106320.	2.9	16

#	Article	IF	Citations
19	A low-cost approach for the estimation of rock joint roughness using photogrammetry. Engineering Geology, 2022, 305, 106726.	2.9	12
20	Investigation of the effects of nonstationary features on rock joint roughness using the laser scanning technique. Bulletin of Engineering Geology and the Environment, 2020, 79, 3163-3174.	1.6	11
21	Influence of the impact angle on the motion and deposition of granular flows. Engineering Geology, 2020, 275, 105746.	2.9	11
22	Mechanical energy evolution in the propagation of rock avalanches using field survey and numerical simulation. Landslides, 2021, 18, 3559-3576.	2.7	8
23	Measurement of Particle Size of Loose Accumulation Based on Alpha Shapes (AS) and Hill Climbing-Region Growing (HC-RG) Algorithms. Sensors, 2020, 20, 883.	2.1	6
24	Rock joint detection from borehole imaging logs based on grey-level co-occurrence matrix and Canny edge detector. Quarterly Journal of Engineering Geology and Hydrogeology, 2022, 55, .	0.8	3
25	Constraining uncertainty of fault orientation using a combinatorial algorithm. Computers and Geosciences, 2021, 154, 104777.	2.0	2
26	SDZM: Software for determining shear damage zones of rock joints. Computers and Geosciences, 2022, 159, 105021.	2.0	2
27	An Efficient Approach to Determine the Shear Damage Zones of Rock Joints Using Photogrammetry. Rock Mechanics and Rock Engineering, 2022, 55, 5789-5805.	2.6	1