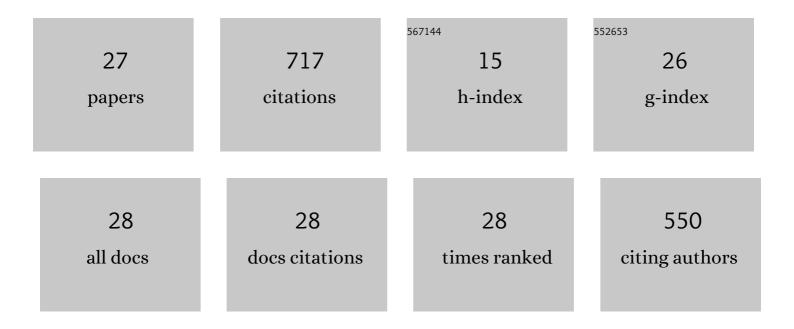
Yunfeng Ge

List of Publications by Year in descending order

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| # | 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 |

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| # | 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 |