

# Fang-wei Yu

## 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.

18  
papers

287  
citations

9  
h-index

16  
g-index

18  
ext. papers

415  
ext. citations

2.9  
avg, IF

5.09  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 18 | A generalized dilatancy angle equation of granular soil. <i>Journal of Mountain Science</i> , <b>2022</b> , 19, 1456-1463.   | 3.1 | 1         |
| 17 | An novel energy dissipator with self-recovery capability after deformation for structurally energy-dissipating rock-shed. <i>Journal of Mountain Science</i> , <b>2021</b> , 18, 3058-3068                                     | 2.1 | 1         |
| 16 | State-Dependent Behavior of a Crushable Sand in Drained Triaxial Tests. <i>Journal of Testing and Evaluation</i> , <b>2021</b> , 49, 20200546  | 1   | 0         |
| 15 | Particle breakage of sand subjected to friction and collision in drum tests. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , <b>2021</b> , 13, 390-400   | 5.3 | 2         |
| 14 | Particle breakage in granular soils: a review. <i>Particulate Science and Technology</i> , <b>2021</b> , 39, 91-100  | 2   | 8         |
| 13 | Experimental investigation of mobility and deposition characteristics of dry granular flow. <i>Landslides</i> , <b>2021</b> , 18, 1875-1887  | 6.6 | 2         |
| 12 | Influence of grain segregation on the behavior of sand in triaxial tests. <i>Journal of Mountain Science</i> , <b>2021</b> , 18, 2776  | 2.1 |           |
| 11 | Experimental and theoretical study of mechanical properties of root-soil interface for slope protection. <i>Journal of Mountain Science</i> , <b>2020</b> , 17, 2784-2795  | 2.1 | 10        |
| 10 | Development of elastic wave velocity threshold for rainfall-induced landslide prediction and early warning. <i>Landslides</i> , <b>2019</b> , 16, 955-968  | 6.6 | 12        |
| 9  | Influence of Particle Breakage on Behavior of Coral Sands in Triaxial Tests. <i>International Journal of Geomechanics</i> , <b>2019</b> , 19, 04019131   | 3.1 | 28        |
| 8  | Particle Breakage and the Undrained Shear Behavior of Sands. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 04018079   | 3.1 | 22        |
| 7  | Seismic stability analysis of slopes with pre-existing slip surfaces. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 1331-1341   | 2.1 | 9         |
| 6  | Particle breakage in triaxial shear of a coral sand. <i>Soils and Foundations</i> , <b>2018</b> , 58, 866-880  | 2.9 | 41        |
| 5  | Particle Breakage and the Drained Shear Behavior of Sands. <i>International Journal of Geomechanics</i> , <b>2017</b> , 17, 04017041   | 3.1 | 74        |
| 4  | A back-propagation neural-network-based displacement back analysis for the identification of the geomechanical parameters of the Yonglang landslide in China. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1739-1750 | 2.1 | 4         |
| 3  | Characteristics of particle breakage of sand in triaxial shear. <i>Powder Technology</i> , <b>2017</b> , 320, 656-667  | 5.2 | 45        |
| 2  | Particle breakage and its influence on soil behavior under undrained condition. <i>Japanese Geotechnical Society Special Publication</i> , <b>2016</b> , 2, 386-390  | 0.2 | 2         |

1 Particle breakage and the mobilized drained shear strengths of sand. *Journal of Mountain Science*, **2016**, 13, 1481-1488 2.1 27