

List of Publications by Citations

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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	Particle Breakage and the Drained Shear Behavior of Sands. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017041	3.1	74
17	Characteristics of particle breakage of sand in triaxial shear. <i>Powder Technology</i> , 2017 , 320, 656-667	5.2	45
16	Particle breakage in triaxial shear of a coral sand. <i>Soils and Foundations</i> , 2018 , 58, 866-880	2.9	41
15	Influence of Particle Breakage on Behavior of Coral Sands in Triaxial Tests. <i>International Journal of Geomechanics</i> , 2019 , 19, 04019131	3.1	28
14	Particle breakage and the mobilized drained shear strengths of sand. <i>Journal of Mountain Science</i> , 2016 , 13, 1481-1488	2.1	27
13	Particle Breakage and the Undrained Shear Behavior of Sands. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018079	3.1	22
12	Development of elastic wave velocity threshold for rainfall-induced landslide prediction and early warning. <i>Landslides</i> , 2019 , 16, 955-968	6.6	12
11	Experimental and theoretical study of mechanical properties of root-soil interface for slope protection. <i>Journal of Mountain Science</i> , 2020 , 17, 2784-2795	2.1	10
10	Seismic stability analysis of slopes with pre-existing slip surfaces. <i>Journal of Mountain Science</i> , 2018 , 15, 1331-1341	2.1	9
9	Particle breakage in granular soils: a review. <i>Particulate Science and Technology</i> , 2021 , 39, 91-100	2	8
8	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> , 2017 , 14, 1739-1750	2.1	4
7	Particle breakage and its influence on soil behavior under undrained condition. <i>Japanese Geotechnical Society Special Publication</i> , 2016 , 2, 386-390	0.2	2
6	Particle breakage of sand subjected to friction and collision in drum tests. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021 , 13, 390-400	5.3	2
5	Experimental investigation of mobility and deposition characteristics of dry granular flow. <i>Landslides</i> , 2021 , 18, 1875-1887	6.6	2
4	An novel energy dissipator with self-recovery capability after deformation for structurally energy-dissipating rock-shed. <i>Journal of Mountain Science</i> , 2021 , 18, 3058-3068	2.1	1
3	State-Dependent Behavior of a Crushable Sand in Drained Triaxial Tests. <i>Journal of Testing and Evaluation</i> , 2021 , 49, 20200546	1	0
2	Influence of grain segregation on the behavior of sand in triaxial tests. <i>Journal of Mountain Science</i> , 2021 , 18, 2776	2.1	

- 1 A generalized dilatancy angle equation of granular soil. *Journal of Mountain Science*, **2022**, 19, 1456-1463.