

Fang-wei Yu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

524
citations

932766

10
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle Breakage and the Drained Shear Behavior of Sands. International Journal of Geomechanics, 2017, 17, .	1.3	101
2	Particle breakage in triaxial shear of a coral sand. Soils and Foundations, 2018, 58, 866-880.	1.3	89
3	Characteristics of particle breakage of sand in triaxial shear. Powder Technology, 2017, 320, 656-667.	2.1	73
4	Influence of Particle Breakage on Behavior of Coral Sands in Triaxial Tests. International Journal of Geomechanics, 2019, 19, .	1.3	61
5	Particle breakage in granular soils: a review. Particulate Science and Technology, 2021, 39, 91-100.	1.1	38
6	Particle breakage and the mobilized drained shear strengths of sand. Journal of Mountain Science, 2016, 13, 1481-1488.	0.8	36
7	Particle Breakage and the Undrained Shear Behavior of Sands. International Journal of Geomechanics, 2018, 18, .	1.3	34
8	Experimental and theoretical study of mechanical properties of root-soil interface for slope protection. Journal of Mountain Science, 2020, 17, 2784-2795.	0.8	24
9	Development of elastic wave velocity threshold for rainfall-induced landslide prediction and early warning. Landslides, 2019, 16, 955-968.	2.7	22
10	Seismic stability analysis of slopes with pre-existing slip surfaces. Journal of Mountain Science, 2018, 15, 1331-1341.	0.8	16
11	Particle breakage of sand subjected to friction and collision in drum tests. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 390-400.	3.7	9
12	A back-propagation neural-network-based displacement back analysis for the identification of the geomechanical parameters of the Yonglang landslide in China. Journal of Mountain Science, 2017, 14, 1739-1750.	0.8	6
13	Experimental investigation of mobility and deposition characteristics of dry granular flow. Landslides, 2021, 18, 1875-1887.	2.7	6
14	State-Dependent Behavior of a Crushable Sand in Drained Triaxial Tests. Journal of Testing and Evaluation, 2021, 49, 4506-4525.	0.4	6
15	Particle breakage and its influence on soil behavior under undrained condition. Japanese Geotechnical Society Special Publication, 2016, 2, 386-390.	0.2	2
16	An novel energy dissipator with self-recovery capability after deformation for structurally energy-dissipating rock-shed. Journal of Mountain Science, 2021, 18, 3058-3068.	0.8	1
17	Influence of grain segregation on the behavior of sand in triaxial tests. Journal of Mountain Science, 2021, 18, 2776.	0.8	0
18	A generalized dilatancy angle equation of granular soil. Journal of Mountain Science, 2022, 19, 1456-1463.	0.8	0