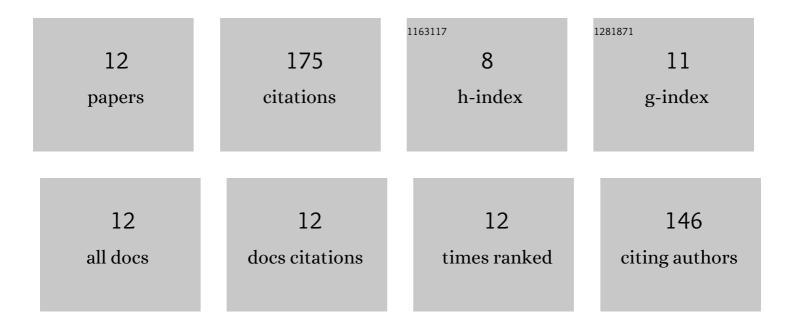
Kai Liu

List of Publications by Year in descending order

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KALLIII

#	Article	IF	CITATIONS
1	Effect of Initial Density, Particle Shape, and Confining Stress on the Critical State Behavior of Weathered Gap-Graded Granular Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	36
2	Influence of matric suction on nonlinear time-dependent compression behavior of a granular fill material. Acta Geotechnica, 2020, 15, 615-633.	5.7	25
3	Crushing and Flooding Effects on One-Dimensional Time-Dependent Behaviors of a Granular Soil. International Journal of Geomechanics, 2020, 20, .	2.7	25
4	The stress–strain behaviour and critical state parameters of an unsaturated granular fill material under different suctions. Acta Geotechnica, 2020, 15, 3383-3398.	5.7	18
5	An elasto-plastic model of unsaturated soil with an explicit degree of saturation-dependent CSL. Engineering Geology, 2019, 260, 105240.	6.3	17
6	Numerical modelling of effects of different multipropped excavation depths on adjacent single piles: comparison between floating and end-bearing pile responses. European Journal of Environmental and Civil Engineering, 2021, 25, 2592-2622.	2.1	14
7	Physical model study on the clay–sand interface without and with geotextile separator. Acta Geotechnica, 2019, 14, 2065-2081.	5.7	12
8	Analysis of mobilized stress ratio of gap-graded granular materials in direct shear state considering coarse fraction effect. Acta Geotechnica, 2021, 16, 1801-1814.	5.7	10
9	Nonlinear Model for the Stress–Strain–Strength Behavior of Unsaturated Granular Materials. International Journal of Geomechanics, 2021, 21, .	2.7	8
10	Partially drained cyclic behaviour of granular fill material in triaxial condition. Soil Dynamics and Earthquake Engineering, 2020, 139, 106355.	3.8	5
11	Effects of twin excavations with different construction sequence on a brick masonry wall: 3D finite element approach. Structures, 2022, 41, 866-886.	3.6	5
12	A novel multifunctional apparatus for testing unsaturated soils. Acta Geotechnica, 2021, 16, 3761.	5.7	0