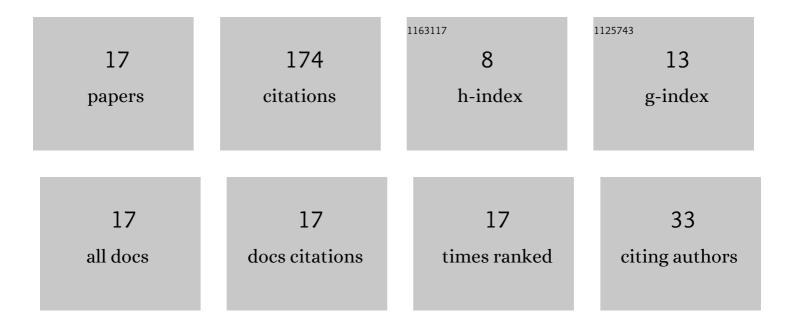
Xian-Lei Fu

List of Publications by Year in descending order

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XIAN-LEI FU

#	Article	IF	CITATIONS
1	A modified Kozeny–Carman equation for predicting saturated hydraulic conductivity of compacted bentonite in confined condition. Journal of Rock Mechanics and Geotechnical Engineering, 2022, 14, 984-993.	8.1	5
2	Hydraulic Conductivity of Sand/Biopolymer-Amended Bentonite Backfills in Vertical Cutoff Walls Permeated with Lead Solutions. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2022, 148, .	3.0	25
3	Enhanced contaminant retardation by novel modified calcium bentonite backfill in slurry trench cutoff walls. Construction and Building Materials, 2022, 320, 126285.	7.2	16
4	Optimal array layout of cylindrical baffles to reduce energy of rock avalanche. Journal of Mountain Science, 2022, 19, 493-512.	2.0	5
5	Hydraulic conductivity of novel geosynthetic clay liner to bauxite liquor from China: Modified fluid loss test evaluation. Journal of Environmental Management, 2022, 316, 115208.	7.8	6
6	Field Investigation of Effect of Plants on Cracks of Compacted Clay Covers at a Contaminated Site. International Journal of Environmental Research and Public Health, 2022, 19, 7248.	2.6	2
7	Assessment of membrane and diffusion behavior of soil-bentonite slurry trench wall backfill consisted of sand and Xanthan gum amended bentonite. Journal of Cleaner Production, 2022, 365, 132779.	9.3	9
8	Investigation of Hydraulic Conductivity of SHMP Amended Soil-Bentonite Backfills Exposed to Lead-Impacted Groundwater. Sustainable Civil Infrastructures, 2021, , 1-13.	0.2	3
9	Consolidation of Unsaturated Drainage Well Foundation with Smear Effect under Time-Dependent Loading. KSCE Journal of Civil Engineering, 2021, 25, 768-781.	1.9	15
10	Experimental Study on the Damage of Bridge Pier under the Impact of Rockfall. Advances in Civil Engineering, 2021, 2021, 1-18.	0.7	3
11	Membrane behavior and diffusion properties of sand/SHMP-amended bentonite vertical cutoff wall backfill exposed to lead contamination. Engineering Geology, 2021, 284, 106037.	6.3	30
12	Analysis of One-Dimensional Consolidation for Unsaturated Soils under Piecewise Cyclic Loading. Advances in Civil Engineering, 2021, 2021, 1-10.	0.7	0
13	Reversibility of micro and macrostructure in compacted bentonite under chemo-mechanical couplings. Japanese Geotechnical Society Special Publication, 2021, 9, 20-25.	0.2	0
14	Heavy metals containment by vertical cutoff walls backfilled with novel reactive magnesium-activated slag-bentonite-sand: Membrane and diffusion behavior. Journal of Cleaner Production, 2021, 328, 129623.	9.3	15
15	Semianalytical Solutions to the Consolidation of Drainage Well Foundations in Unsaturated Soils with Radial Semipermeable Drainage Boundary under Time-Dependent Loading. International Journal of Geomechanics, 2020, 20, .	2.7	18
16	Analytical solutions for the consolidation of unsaturated foundation with prefabricated vertical drain. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 2263-2282.	3.3	22
17	Effects of calcium carbonate on hydro-mechanical properties of bentonite. E3S Web of Conferences, 2020, 198, 01053.	0.5	0