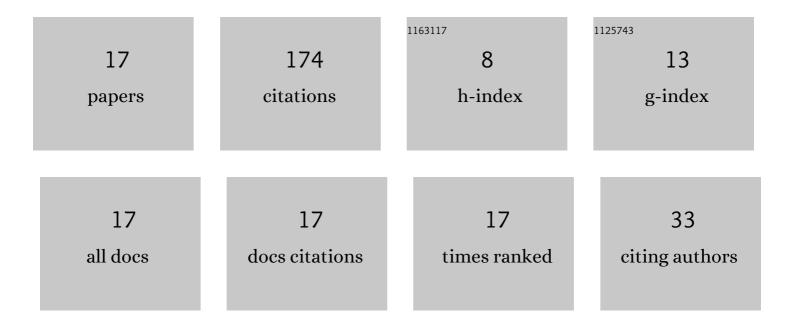
Xian-Lei Fu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7022137/publications.pdf Version: 2024-02-01



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 |