Greg Siemens

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4405038/publications.pdf

Version: 2024-02-01

21 papers	331 citations	1040056 9 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	216 citing authors

#	Article	IF	Citations
1	Evaluation of the impact of pore fluid chemistry on the hydromechanical behaviour of clay-based sealing materials. Canadian Geotechnical Journal, 2011, 48, 199-213.	2.8	104
2	Comparison of confined and unconfined infiltration in transparent porous media. Water Resources Research, 2013, 49, 851-863.	4.2	32
3	Evaluation of the influence of boundary confinement on the behaviour of unsaturated swelling clay soils. Canadian Geotechnical Journal, 2009, 46, 339-356.	2.8	31
4	Time-dependent behaviour of the Bearpaw Shale in oedometric loading and unloading. Canadian Geotechnical Journal, 2012, 49, 427-441.	2.8	23
5	Influence of Pore Fluid Chemistry on the Mechanical Properties of Clay-Based Materials. Geotechnical and Geological Engineering, 2014, 32, 1029-1042.	1.7	21
6	Impact of pore fluid salinity on the mechanical behavior of unsaturated bentoniteâ€“sand mixture. Environmental Earth Sciences, 2016, 75, 1.	2.7	18
7	Thermal properties of engineered barriers for a Canadian deep geological repository. Canadian Geotechnical Journal, 2018, 55, 759-776.	2.8	17
8	Geotechnical centrifuge modelling of retrogressive sensitive clay landslides. Canadian Geotechnical Journal, 2021, 58, 1452-1465.	2.8	15
9	Evaluation of the transitional inelastic behaviour of unsaturated clayâ€“sand mixtures. Canadian Geotechnical Journal, 2007, 44, 436-446.	2.8	13
10	Triaxial Apparatus for Applying Liquid Infiltration with Controlled Boundary Conditions and Internal Suction Measurement. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2007, 133, 748-752.	3.0	9
11	Development of a hydraulic conductivity apparatus for bentonite soils. Canadian Geotechnical Journal, 2007, 44, 997-1005.	2.8	9
12	Stability of saturated granular columns: Role of stress-dilatancy and capillarity. Physics of Fluids, 2021, 33, .	4.0	9
13	Impact of pore fluid chemistry on the thermal conductivity of bentoniteâ€“sand mixture. Environmental Earth Sciences, 2018, 77, 1.	2.7	6
14	Experimental study on the performance of light and dense backfills. Canadian Geotechnical Journal, 2011, 48, 214-225.	2.8	5
15	An Unconfined Swelling Test for Clayey Soils That Incorporates Digital Image Correlation. Geotechnical Testing Journal, 2013, 36, 823-833.	1.0	4
16	A capillary-tube model for two-phase transient flow through bentonite materials. Canadian Geotechnical Journal, 2007, 44, 1446-1461.	2.8	3
17	Short-term thermal modelling of a conceptual deep geological repository in Canada. Environmental Geotechnics, 2020, 7, 17-31.	2.3	3
18	Influence of Specimen Geometry on Sample Disturbance Observed in Oedometric Testing of Clay Shales. Geotechnical Testing Journal, 2012, 35, 771-783.	1.0	3

#	Article	IF	Citations
19	Initialization of thermal models in cold and warm permafrost. Arctic Science, 2022, 8, 362-394.	2.3	3
20	On casting clay specimens of bespoke shear strength and sensitivity for landslide modelling. International Journal of Physical Modelling in Geotechnics, 2020, 20, 198-211.	0.6	2
21	Flow Cell with High-Resolution Spatial and Temporal Degree of Saturation Measurements for Two-Dimensional Near-Surface Phenomena Using Unsaturated Transparent Soil. Geotechnical Testing Journal, 2021, 44, 1713-1736.	1.0	1