

# Greg Siemens

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

331  
citations

1040056

9  
h-index

839539

18  
g-index

23  
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23  
docs citations

23  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Initialization of thermal models in cold and warm permafrost. <i>Arctic Science</i> , 2022, 8, 362-394.	2.3	3
2	Stability of saturated granular columns: Role of stress-dilatancy and capillarity. <i>Physics of Fluids</i> , 2021, 33, .	4.0	9
3	Flow Cell with High-Resolution Spatial and Temporal Degree of Saturation Measurements for Two-Dimensional Near-Surface Phenomena Using Unsaturated Transparent Soil. <i>Geotechnical Testing Journal</i> , 2021, 44, 1713-1736.	1.0	1
4	Geotechnical centrifuge modelling of retrogressive sensitive clay landslides. <i>Canadian Geotechnical Journal</i> , 2021, 58, 1452-1465.	2.8	15
5	Short-term thermal modelling of a conceptual deep geological repository in Canada. <i>Environmental Geotechnics</i> , 2020, 7, 17-31.	2.3	3
6	On casting clay specimens of bespoke shear strength and sensitivity for landslide modelling. <i>International Journal of Physical Modelling in Geotechnics</i> , 2020, 20, 198-211.	0.6	2
7	Impact of pore fluid chemistry on the thermal conductivity of bentonite-sand mixture. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	6
8	Thermal properties of engineered barriers for a Canadian deep geological repository. <i>Canadian Geotechnical Journal</i> , 2018, 55, 759-776.	2.8	17
9	Impact of pore fluid salinity on the mechanical behavior of unsaturated bentonite-sand mixture. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	18
10	Influence of Pore Fluid Chemistry on the Mechanical Properties of Clay-Based Materials. <i>Geotechnical and Geological Engineering</i> , 2014, 32, 1029-1042.	1.7	21
11	Comparison of confined and unconfined infiltration in transparent porous media. <i>Water Resources Research</i> , 2013, 49, 851-863.	4.2	32
12	An Unconfined Swelling Test for Clayey Soils That Incorporates Digital Image Correlation. <i>Geotechnical Testing Journal</i> , 2013, 36, 823-833.	1.0	4
13	Time-dependent behaviour of the Bearpaw Shale in oedometric loading and unloading. <i>Canadian Geotechnical Journal</i> , 2012, 49, 427-441.	2.8	23
14	Influence of Specimen Geometry on Sample Disturbance Observed in Oedometric Testing of Clay Shales. <i>Geotechnical Testing Journal</i> , 2012, 35, 771-783.	1.0	3
15	Experimental study on the performance of light and dense backfills. <i>Canadian Geotechnical Journal</i> , 2011, 48, 214-225.	2.8	5
16	Evaluation of the impact of pore fluid chemistry on the hydromechanical behaviour of clay-based sealing materials. <i>Canadian Geotechnical Journal</i> , 2011, 48, 199-213.	2.8	104
17	Evaluation of the influence of boundary confinement on the behaviour of unsaturated swelling clay soils. <i>Canadian Geotechnical Journal</i> , 2009, 46, 339-356.	2.8	31
18	Triaxial Apparatus for Applying Liquid Infiltration with Controlled Boundary Conditions and Internal Suction Measurement. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007, 133, 748-752.	3.0	9

#	ARTICLE	IF	CITATIONS
19	A capillary-tube model for two-phase transient flow through bentonite materials. Canadian Geotechnical Journal, 2007, 44, 1446-1461.	2.8	3
20	Evaluation of the transitional inelastic behaviour of unsaturated clay-sand mixtures. Canadian Geotechnical Journal, 2007, 44, 436-446.	2.8	13
21	Development of a hydraulic conductivity apparatus for bentonite soils. Canadian Geotechnical Journal, 2007, 44, 997-1005.	2.8	9