

François Duhaime

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

199
citations

933447

10
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Considerations when Using the Swedish Fall Cone. <i>Geotechnical Testing Journal</i> , 2012, 35, 104178.	1.0	22
2	Permeability Test Results With Packed Spheres and Non-Plastic Soils. <i>Geotechnical Testing Journal</i> , 2015, 38, 20140124.	1.0	21
3	Pore pressure response to barometric pressure change in Champlain clay: Prediction of the clay elastic properties. <i>Engineering Geology</i> , 2015, 198, 16-29.	6.3	17
4	ICY: An interface between COMSOL multiphysics and discrete element code YADE for the modelling of porous media. <i>Computers and Geosciences</i> , 2019, 123, 38-46.	4.2	17
5	A coupled analysis of cavity and pore volume changes for pulse tests conducted in soft clay deposits. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2014, 38, 903-924.	3.3	14
6	Monitoring wells in clay: the apparently static water level and its influence during variable-head permeability tests. <i>Bulletin of Engineering Geology and the Environment</i> , 2012, 71, 663-678.	3.5	13
7	Drag Force Calculations in Polydisperse DEM Simulations with the Coarse-Grid Method: Influence of the Weighting Method and Improved Predictions Through Artificial Neural Networks. <i>Transport in Porous Media</i> , 2019, 129, 837-853.	2.6	12
8	Performance of Fully Grouted Piezometers under Transient Flow Conditions: Field Study and Numerical Results. <i>Geotechnical Testing Journal</i> , 2019, 42, 20170290.	1.0	12
9	Erosion monitoring during core overtopping using a laboratory model with digital image correlation and X-ray microcomputed tomography. <i>Canadian Geotechnical Journal</i> , 2018, 55, 234-245.	2.8	11
10	Parasitic Head Losses During Laboratory Permeability Tests. <i>Geotechnical Testing Journal</i> , 2015, 38, 20130175.	1.0	11
11	The Lachenaie clay deposit: some geochemical and geotechnical properties in relation to the salt-leaching process. <i>Canadian Geotechnical Journal</i> , 2013, 50, 311-325.	2.8	10
12	Influence of seasonal hydraulic head changes on slug tests conducted in shallow low-permeability soils. <i>Engineering Geology</i> , 2017, 228, 385-394.	6.3	10
13	Hierarchical multiscale numerical modelling of internal erosion with discrete and finite elements. <i>Acta Geotechnica</i> , 2020, 15, 2877-2889.	5.7	8
14	Water-Retention Curves of Coarse Soils Without Organic Matter: Improved Data for Improved Predictions. <i>Geotechnical Testing Journal</i> , 2015, 38, 20130154.	1.0	7
15	Representativeness of laboratory sampling procedures for the analysis of trace metals in soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11862-11876.	5.3	6
16	Discussion of "Intrinsic permeability of materials ranging from sand to rock-fill using natural air convection tests" ¹ Appears in the <i>Canadian Geotechnical Journal</i> , 48 (5): 679-690 [doi:10.1139/t10-097]. <i>Canadian Geotechnical Journal</i> , 2012, 49, 1319-1322.	2.8	4
17	Interpreting a Pumping Test Influenced by Another Well in an Anisotropic Aquifer. <i>Ground Water</i> , 2014, 52, 717-727.	1.3	1
18	Natural pore pressure fluctuations as an indicator of shallow aquitard continuity. <i>Environmental Geotechnics</i> , 2023, 10, 548-559.	2.3	1

#	ARTICLE	IF	CITATIONS
19	On Preferred Saturation Methods for Geotechnical Flow Tests. Geotechnical Testing Journal, 2021, 44, 1135-1152.	1.0	1
20	Simplifying the calculation of equivalent diameter in sedimentation tests. Canadian Geotechnical Journal, 2015, 52, 1186-1189.	2.8	0