

CITATION REPORT

List of articles citing

Investigation into water retention behaviour of deformable soils

DOI: 10.1139/cgj-2011-0409

Canadian Geotechnical Journal, 2013, 50, 200-208.

Source: <https://exaly.com/paper-pdf/56079844/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
90	Hydromechanical behaviour of a volcanic ash. <i>Geotechnique</i> , 2013 , 63, 1433-1446	3.4	18
89	Shot-clay MX-80 bentonite: An assessment of the hydro-mechanical behaviour. <i>Engineering Geology</i> , 2014 , 173, 10-18	6	15
88	Soil-water characteristic curves of clays. <i>Canadian Geotechnical Journal</i> , 2014 , 51, 869-883	3.2	53
87	A new and simple stress-dependent water retention model for unsaturated soil. <i>Computers and Geotechnics</i> , 2014 , 62, 216-222	4.4	49
86	Experimental analysis of the water retention behaviour of shales. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2014 , 72, 61-70	6	70
85	Uniqueness of the Suction Stress Characteristic Curve under Different Confining Stress Conditions. <i>Vadose Zone Journal</i> , 2014 , 13, 1-10	2.7	21
84	A Framework for Unifying Soil Fabric, Suction, Void Ratio, and Water Content during the Dehydration Process. <i>Soil Science Society of America Journal</i> , 2014 , 78, 387-399	2.5	13
83	A bounding surface hysteretic water retention model for deformable soils. <i>Geotechnique</i> , 2015 , 65, 793-804	3.4	28
82	Some Remarks on Bimodality Effects of the Hydraulic Properties on Shear Strength of Unsaturated Soils. <i>Vadose Zone Journal</i> , 2015 , 14, vzt2014.10.0152	2.7	6
81	Compressibility of Undisturbed Silt Loam Soil Measurements and Simulations. <i>Vadose Zone Journal</i> , 2015 , 14, vzt2014.10.0153	2.7	8
80	Hydro-mechanical response of collapsible soils under different infiltration events. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2015 , 39, 1212-1234	4	17
79	A fractal model for volume change dependency of the water retention curve. <i>Geotechnique</i> , 2015 , 65, 141-146	3.4	27
78	Water retention behaviour of compacted bentonites: experimental observations and constitutive model. <i>E3S Web of Conferences</i> , 2016 , 9, 11012	0.5	3
77	Water retention and volumetric characteristics of intact and re-compacted loess. <i>Canadian Geotechnical Journal</i> , 2016 , 53, 1258-1269	3.2	76
76	Water retention and swelling behaviour of granular bentonites for application in Geosynthetic Clay Liner (GCL) systems. <i>Soils and Foundations</i> , 2016 , 56, 449-459	2.9	27
75	Fabric evolution and the related swelling behaviour of a sand/bentonite mixture upon hydro-chemo-mechanical loadings. <i>Geotechnique</i> , 2016 , 66, 41-57	3.4	30
74	Hydro-mechanical analysis of volcanic ash slopes during rainfall. <i>Geotechnique</i> , 2016 , 66, 220-231	3.4	11

73	Soil water retention curves representing two tropical clay soils from Sudan. <i>Geotechnique</i> , 2016 , 66, 71-84	4	6
72	Fundamentals of the Hydromechanical Behavior of Multiphase Granular Materials. 2016 , 461-486		
71	Experimental Study of the Evolution of the Soil Water Retention Curve for Granular Material Undergoing Cement Hydration. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016 , 142, 04016022	3.4	11
70	Competing effects of volume change and water uptake on the water retention behaviour of a compacted MX-80 bentonite/sand mixture. <i>Applied Clay Science</i> , 2016 , 121-122, 57-62	5.2	35
69	Fracture Analysis of Cohesive Soils Using Bilinear and Trilinear Cohesive Laws. <i>International Journal of Geomechanics</i> , 2016 , 16, 04015088	3.1	2
68	Shear strength of a compacted scaly clay in variable saturation conditions. <i>Acta Geotechnica</i> , 2016 , 11, 37-50	4.9	26
67	A study of the water retention curve of lime-treated London Clay. <i>Acta Geotechnica</i> , 2017 , 12, 23-45	4.9	27
66	Modeling the Dependency of Soil-Water Retention Curve on Volumetric Deformation. <i>International Journal of Geomechanics</i> , 2017 , 17, 04016039	3.1	7
65	Hysteretic Model for the Evolution of Water Retention Curve with Void Ratio. <i>Journal of Engineering Mechanics - ASCE</i> , 2017 , 143, 04017030	2.4	26
64	Bridging Effective Stress and Soil Water Retention Equations in Deforming Unsaturated Porous Media: A Thermodynamic Approach. <i>Transport in Porous Media</i> , 2017 , 117, 349-365	3.1	12
63	A Bounding Surface Plasticity Model for Unsaturated Soils Accounting for the Void Ratio Dependency of the Water Retention Curve. 2017 ,		4
62	Impact of NaCl on drying shrinkage behavior of low-plasticity soil in earthen heritages. <i>Canadian Geotechnical Journal</i> , 2017 , 54, 1762-1774	3.2	15
61	Soil-water retention behavior of compacted soil with different densities over a wide suction range and its prediction. <i>Computers and Geotechnics</i> , 2017 , 91, 17-26	4.4	38
60	Hydromechanical behavior of an embankment during inundation. <i>Canadian Geotechnical Journal</i> , 2017 , 54, 348-358	3.2	8
59	Transient bifurcation condition of partially saturated porous media at finite strain. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2017 , 41, 135-156	4	18
58	A coupled hydro-mechanical constitutive model for unsaturated frictional and cohesive soil. <i>Computers and Geotechnics</i> , 2018 , 98, 69-81	4.4	10
57	Hysteresis soil-water characteristic curves of highly expansive clay. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 1041-1059	1.5	12
56	The impact of the volumetric swelling behavior on the water uptake of gas shale. <i>Journal of Natural Gas Science and Engineering</i> , 2018 , 49, 132-144	4.6	17

55	From saturated to unsaturated conditions and vice versa. <i>Acta Geotechnica</i> , 2018 , 13, 15-37	4.9	18
54	Effect of stress state on soil-water retention and its application on the strength prediction. <i>Geotechnique Letters</i> , 2018 , 8, 324-329	1.7	3
53	Experimental and Theoretical Study of Water Retention Effects on Elastic Properties of Opalinus Shale. <i>ASEG Extended Abstracts</i> , 2018 , 2018, 1-8	0.2	
52	A Simple Fractal-Based Model for Soil-Water Characteristic Curves Incorporating Effects of Initial Void Ratios. <i>Energies</i> , 2018 , 11, 1419	3.1	14
51	Water retention effects on elastic properties of Opalinus shale. <i>Geophysical Prospecting</i> , 2019 , 67, 984-996	2.6	10
50	Interrelationship between Elastic Deformation and Soil-Water Characteristic Curve of Expansive Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 04019005	3.4	17
49	Geotechnical Fundamentals for Addressing New World Challenges. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019 ,	0.1	6
48	Emerging Thermal Issues in Geotechnical Engineering. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019 , 275-317	0.1	11
47	Fully coupled elastoplastic hydro-mechanical analysis of unsaturated porous media using a meshfree method. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019 , 43, 1919-1955	4	26
46	Experimental observation on laterally loaded pile in unsaturated silty soil. <i>Canadian Geotechnical Journal</i> , 2019 , 56, 1545-1556	3.2	11
45	Hydromechanical behavior of unsaturated soil with different initial densities over a wide suction range. <i>Acta Geotechnica</i> , 2019 , 14, 417-428	4.9	49
44	Experimental investigation of matric suction in compacted fine-grained soils. <i>International Journal of Pavement Engineering</i> , 2019 , 20, 53-60	2.6	2
43	Coupling elasto-plastic behaviour of unsaturated soils with piecewise linear large-strain consolidation. <i>Geotechnique</i> , 2020 , 70, 518-537	3.4	4
42	Effects of sesquioxide content on stress-dependent water retention behaviour of weathered soils. <i>Engineering Geology</i> , 2020 , 266, 105455	6	4
41	Determination of strain-dependent soil water retention characteristics from gradation curve. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020 , 12, 1356-1360	5.3	4
40	Straightforward prediction for air-entry value of compacted soils using machine learning algorithms. <i>Engineering Geology</i> , 2020 , 279, 105911	6	9
39	An overview of soil-water characteristic curves of stabilised soils and their influential factors. <i>Journal of King Saud University, Engineering Sciences</i> , 2020 , 34, 31-31	2.2	6
38	Validation and Modification of the Van Genuchten Model for Eroded Black Soil in Northeastern China. <i>Water (Switzerland)</i> , 2020 , 12, 2678	3	2

37	Framework to estimate the soil-water characteristic curve for soils with different void ratios. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 4399-4409	4	23
36	Unsaturated flow in a packing of swelling particles; a grain-scale model. <i>Advances in Water Resources</i> , 2020 , 142, 103642	4-7	2
35	Evolution of isochoric water retention curve with void ratio. <i>Computers and Geotechnics</i> , 2020 , 122, 103534	4-6	6
34	A bounding surface mechanical model for unsaturated cemented soils under isotropic stresses. <i>Computers and Geotechnics</i> , 2020 , 125, 103673	4-4	6
33	Prediction and experimental evaluation of soil-water retention behavior of skeletal calcareous soils. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 2395-2410	4	2
32	A generalized water retention model with soil fabric evolution. <i>Geomechanics for Energy and the Environment</i> , 2021 , 25, 100205	3-7	5
31	Stress-dependent water retention of granite residual soil and its implications for ground settlement. <i>Computers and Geotechnics</i> , 2021 , 129, 103835	4-4	28
30	A general mathematical framework for modelling soil-water retention behaviour. <i>MATEC Web of Conferences</i> , 2021 , 337, 02006	0-3	
29	Life cycle environmental assessment of retaining walls in unsaturated soils. <i>Geomechanics for Energy and the Environment</i> , 2021 , 100241	3-7	1
28	Microstructure and Physical-Mechanical Characteristics of Treated Kaolin-Bentonite Mixture for Application in Compacted Liner Systems. <i>Sustainability</i> , 2021 , 13, 1617	3-6	3
27	Improvement of Experimental Equipment Based on the One-Step Outflow Test and Research on Rapid Determining SWCC. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-11	1-3	
26	Swelling pressure of compacted expansive soil over a wide suction range. <i>Applied Clay Science</i> , 2021 , 203, 106018	5-2	3
25	A Hysteretic Model Considering Contact Angle Hysteresis for Fitting Soil-Water Characteristic Curves. <i>Water Resources Research</i> , 2021 , 57,	5-4	1
24	Soil-water retention behaviour of fine/coarse soil mixture with varying coarse grain contents and fine soil dry densities. <i>Canadian Geotechnical Journal</i> ,	3-2	6
23	A simple method for predicting the hydraulic properties of unsaturated soils with different void ratios. <i>Soil and Tillage Research</i> , 2021 , 209, 104913	6-5	16
22	Water retention behaviour of compacted and reconstituted scaly clays. <i>E3S Web of Conferences</i> , 2020 , 195, 03026	0-5	1
21	Analysis of applicability of SWRC equation to different types of soils and its prediction method considering initial dry density. <i>Japanese Geotechnical Society Special Publication</i> , 2020 , 8, 194-199	0-2	1
20	A Modified Oedometer Setup for Simultaneously Measuring Hydromechanical Stress-Strain Paths for Soils in the Unsaturated State. <i>Geotechnical Testing Journal</i> , 2020 , 43, 20170200	1-3	2

19	Hydro-Mechanical Behaviour of a Sand-Bentonite Mixture for the Confinement of Nuclear Wastes. <i>Lecture Notes in Civil Engineering</i> , 2020 , 705-712	0.3	
18	Simple Testing Method for Measuring the Triaxial Stress-Strain Relations of Unsaturated Soils at High Suctions. <i>Geotechnical Testing Journal</i> , 2021 , 44, 20190278	1.3	1
17	A coupled hydro-mechanical approach for modelling the volume change behaviour of compacted bentonite. <i>E3S Web of Conferences</i> , 2020 , 195, 04006	0.5	1
16	A study on the effect of pore and particle distributions on the soil water characteristic curve of compacted loess soil. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	1
15	Effect of Drying and Wetting of Shear Strength of Soil. <i>Lecture Notes in Civil Engineering</i> , 2021 , 27-34	0.3	
14	The fabric evaluation of two Indian bentonites subjected to different suctions and consolidation pressures. <i>Engineering Geology</i> , 2022 , 106535	6	1
13	Application of Suction Monitoring for Cyclic Triaxial Testing of Compacted Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022 , 148,	3.4	0
12	Study of the volumetric behavior of a residual tropical clay. <i>European Journal of Environmental and Civil Engineering</i> , 1-17	1.5	
11	Numerical Analysis of Infiltration in One-Dimensional Unsaturated Soil-Geotextile Column. <i>Geotechnical and Geological Engineering</i> ,	1.5	
10	Water Retention Curve with Different Void Ratios over a Wide Suction Range and Its Application to Shear Strength. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
9	Experimental study on the water retention behavior of intact loess under mechanical wetting and hydraulic wetting. <i>Acta Geotechnica</i> ,	4.9	0
8	Dual-platform micromechanical characterization of soils: Oscillation shear rheometry and spherical indentation. <i>Soil and Tillage Research</i> , 2022 , 223, 105467	6.5	
7	A Unified Framework for Unsaturated Hydraulic Behavior of Widely-Graded Soils. 2023 , 169-192		
6	Pore structure effects on the water retention behaviour of a compacted silty sand soil subjected to drying-wetting cycles. 2023 , 313, 106963		2
5	Effects of particle morphology on pore structure and soil water retention behaviors of granular soils. 2023 , 13, 1-18		0
4	Prediction of soil-water characteristic curve for plastic soils using PSO algorithm. 2023 , 82,		0
3	Mechanisms and Modeling Methods of Strain-Softening Behavior of Unsaturated Soils. 2023 , 23,		0
2	Knowledge of earthen heritage deterioration in dry areas of China: salinity effect on the formation of cracked surface crust. 2023 , 11,		0

- 1 Fractal-based hydraulic model of unsaturated flow in deformable soils considering the evolution of pore size distribution. **2023**, 620, 129501

o