

Marti Lloret-Cabot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6102677/publications.pdf>

Version: 2024-02-01

17
papers

474
citations

1039406

9
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	A hysteretic hydraulic constitutive model for unsaturated soils and application to capillary barrier systems. <i>Geomechanics for Energy and the Environment</i> , 2022, 30, 100224.	1.2	8
2	Assessing the accuracy and efficiency of different order implicit and explicit integration schemes. <i>Computers and Geotechnics</i> , 2022, 141, 104531.	2.3	6
3	Numerical integration of an elasto-plastic critical state model for soils under unsaturated conditions. <i>Computers and Geotechnics</i> , 2021, 137, 104299.	2.3	3
4	Conceptual Hydraulic Conductivity Model for Unsaturated Soils at Low Degree of Saturation and Its Application to the Study of Capillary Barrier Systems. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	1.5	15
5	A bounding surface mechanical model for unsaturated cemented soils under isotropic stresses. <i>Computers and Geotechnics</i> , 2020, 125, 103673.	2.3	12
6	A single-stress model for the prediction of yielding of unsaturated cemented soils under isotropic loads. <i>E3S Web of Conferences</i> , 2020, 195, 02001.	0.2	1
7	Reply to "Discussion of "From saturated to unsaturated conditions and vice versa" by M. Lloret-Cabot et al. (DOI 10.1007/s11440-017-0577-6)" by S. Qi et al. (DOI 10.1007/s11440-017-0625-2). <i>Acta Geotechnica</i> , 2018, 13, 493-495.		4
8	From saturated to unsaturated conditions and vice versa. <i>Acta Geotechnica</i> , 2018, 13, 15-37.	2.9	27
9	A unified mechanical and retention model for saturated and unsaturated soil behaviour. <i>Acta Geotechnica</i> , 2017, 12, 1-21.	2.9	103
10	Error behaviour in explicit integration algorithms with automatic substepping. <i>International Journal for Numerical Methods in Engineering</i> , 2016, 108, 1030-1053.	1.5	21
11	Message from 2014 Best Paper Award Winners. <i>Georisk</i> , 2015, 9, 58-58.	2.6	0
12	Benchmarking selection of parameter values for the Barcelona basic model. <i>Engineering Geology</i> , 2015, 196, 99-118.	2.9	14
13	Unification of plastic compression in a coupled mechanical and water retention model for unsaturated soils. <i>Canadian Geotechnical Journal</i> , 2014, 51, 1488-1493.	1.4	6
14	On the estimation of scale of fluctuation in geostatistics. <i>Georisk</i> , 2014, 8, 129-140.	2.6	143
15	Relative performance of two unsaturated soil models using different constitutive variables. <i>Canadian Geotechnical Journal</i> , 2014, 51, 1423-1437.	1.4	9
16	Formulation of a three-dimensional constitutive model for unsaturated soils incorporating mechanical-water retention couplings. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2013, 37, 3008-3035.	1.7	40
17	Investigation of the reduction in uncertainty due to soil variability when conditioning a random field using Kriging. <i>Geotechnique Letters</i> , 2012, 2, 123-127.	0.6	62