

Marco Valerio Nicotera

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

775
citations

687363

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g-index

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all docs

29
docs citations

29
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsaturated soil mechanics in rainfall-induced flow landslides. <i>Engineering Geology</i> , 2013, 165, 105-132.	6.3	170
2	A Triaxial and Oedometer Apparatus for Testing Unsaturated Soils. <i>Geotechnical Testing Journal</i> , 2002, 25, 3-15.	1.0	100
3	In situ monitoring of the groundwater field in an unsaturated pyroclastic slope for slope stability evaluation. <i>Landslides</i> , 2015, 12, 259-276.	5.4	88
4	Axis Translation and Negative Water Column Techniques for Suction Control. <i>Geotechnical and Geological Engineering</i> , 2008, 26, 645-660.	1.7	70
5	Some remarks on the coefficient of earth pressure at rest in compacted sandy gravel. <i>Acta Geotechnica</i> , 2011, 6, 1-12.	5.7	42
6	Soil water balance in an unsaturated pyroclastic slope for evaluation of soil hydraulic behaviour and boundary conditions. <i>Journal of Hydrology</i> , 2015, 528, 63-83.	5.4	42
7	Seasonal groundwater regime in an unsaturated pyroclastic slope. <i>Geotechnique</i> , 2013, 63, 420-426.	4.0	40
8	Triggering and predisposing factors for flow-like landslides in pyroclastic soils: the case study of the Lattari Mts. (southern Italy). <i>Engineering Geology</i> , 2019, 257, 105137.	6.3	30
9	The hydro-mechanical behaviour of unsaturated pyroclastic soils: An experimental investigation. <i>Engineering Geology</i> , 2015, 195, 70-84.	6.3	22
10	Evaluation of the Hydraulic Hysteresis of Unsaturated Pyroclastic Soils by in Situ Measurements. <i>Procedia Earth and Planetary Science</i> , 2014, 9, 163-170.	0.6	20
11	Mechanical properties of unsaturated pyroclastic soils affected by fast landslide phenomena. , 2008, , 917-923.		20
12	Three-Dimensional Performance of a Deep Excavation in Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	3.0	16
13	Application of a new constitutive model to the analysis of plate load tests in a pyroclastic rock. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2015, 78, 271-282.	5.8	14
14	Monitoring a deep excavation in pyroclastic soil and soft rock. <i>Tunnelling and Underground Space Technology</i> , 2021, 117, 104130.	6.2	14
15	Hydraulic Behaviour of Unsaturated Pyroclastic Soil Observed at Different Scales. <i>Procedia Engineering</i> , 2016, 158, 182-187.	1.2	13
16	Building physically based models for assessing rainfall-induced shallow landslide hazard at catchment scale: case study of the Sorrento Peninsula (Italy). <i>Canadian Geotechnical Journal</i> , 2019, 56, 1291-1303.	2.8	13
17	An Experimental Technique for Determining the Hydraulic Properties of Unsaturated Pyroclastic Soils. <i>Geotechnical Testing Journal</i> , 2010, 33, 263-285.	1.0	12
18	Effects of cement and foam addition on chemo-mechanical behaviour of lightweight cemented soil (LWCS). <i>E3S Web of Conferences</i> , 2019, 92, 11006.	0.5	8

#	ARTICLE	IF	CITATIONS
19	San Pasquale Station of Line 6 in Naples: Measurements and Numerical Analyses. Procedia Engineering, 2016, 143, 1503-1510.	1.2	7
20	Hydraulic hysteresis of natural pyroclastic soils in partially saturated conditions: experimental investigation and modelling. Acta Geotechnica, 2022, 17, 837-855.	5.7	7
21	Hydraulic characterization of an unsaturated vegetated soil: The role of plant roots and hydraulic hysteresis. Geomechanics for Energy and the Environment, 2022, 30, 100235.	2.5	6
22	Hydro-mechanical Analysis of an Unsaturated Pyroclastic Slope Based on Monitoring Data. , 2015, , 1069-1073.		6
23	Axis Translation and Negative Water Column Techniques for Suction Control. , 2008, , 33-48.		5
24	Estimation of hydraulic conductivity function in unsaturated pyroclastic soils. E3S Web of Conferences, 2016, 9, 10009.	0.5	3
25	Water retention curves of lightweight cemented soils. E3S Web of Conferences, 2020, 195, 06004.	0.5	3
26	3D Displacement Field Around a Deep Excavation. Lecture Notes in Civil Engineering, 2021, , 206-214.	0.4	2
27	Laboratory and Physical Prototype Tests for the Investigation of Hydraulic Hysteresis of Pyroclastic Soils. Geosciences (Switzerland), 2020, 10, 320.	2.2	1
28	Use of TDR Probes to Measure Water Content in Pumiceous Soils. , 2012, , 107-112.		1
29	Numerical investigation on the factors affecting pullout resistance of driven nails in pyroclastic silty sand. , 2008, , 123-130.		0