

Stefano Barontini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/462912/publications.pdf>

Version: 2024-02-01

24
papers

341
citations

1163065

8
h-index

888047

17
g-index

37
all docs

37
docs citations

37
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale dynamics of extensive green roofs: Quantifying the effect of drainage area and rainfall characteristics on observed and modeled green roof hydrologic performance. <i>Ecological Engineering</i> , 2014, 73, 494-508.	3.6	92
2	Flooding Hazard Mapping in Floodplain Areas Affected by Piping Breaches in the Po River, Italy. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 717-731.	1.9	58
3	Sensitivity of the multiannual thermal dynamics of a deep pre-Alpine lake to climatic change. <i>Hydrological Processes</i> , 2015, 29, 767-779.	2.6	49
4	A Computational Intelligence-Based Genetic Programming Approach for the Simulation of Soil Water Retention Curves. <i>Transport in Porous Media</i> , 2014, 103, 497-513.	2.6	37
5	Water dynamics in a gradually nonhomogeneous soil described by the linearized Richards equation. <i>Water Resources Research</i> , 2007, 43, .	4.2	19
6	Innovative Probabilistic Methodology for Evaluating the Reliability of Discrete Levee Reaches Owing to Piping. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, 04014067.	1.9	16
7	Profiles and species of Mn, Fe and trace metals in soils near a ferromanganese plant in Bagnolo Mella (Brescia, IT). <i>Science of the Total Environment</i> , 2021, 755, 143123.	8.0	13
8	Effects of Anisotropy of Preferential flow on the Hydrology and Stability of Landslides. <i>Procedia Earth and Planetary Science</i> , 2016, 16, 204-214.	0.6	8
9	Assessment of the Water Balance in an Alpine Climate: Setup of a Micrometeorological Station and Preliminary Results. <i>Procedia Environmental Sciences</i> , 2013, 19, 275-284.	1.4	7
10	Saturated Hydraulic Conductivity and Water Retention Relationships for Alpine Mountain Soils. , 2006, , 101-121.		6
11	Bridging Mediterranean cultures in the International Year of Soils 2015: a documentary exhibition on irrigation techniques in water scarcity conditions. <i>Hydrology Research</i> , 2017, 48, 789-801.	2.7	6
12	Lake Garda lemon houses (Italy): Opportunities of a sensitive, marginal area in urban planning. <i>Change and Adaptation in Socio-Ecological Systems</i> , 2017, 3, .	1.5	4
13	Evaluating soil erosion by water in a small alpine catchment in Northern Italy: comparison of empirical models. <i>Acta Geochimica</i> , 2021, 40, 507-524.	1.7	4
14	A parametrization of a steady periodic solution of the Fourier equation to model soil temperature dynamics. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1784-1802.	2.8	3
15	Modelling of an accidentally triggered shallow landslide in Northern Italy. <i>Landslides</i> , 2019, 16, 2277-2286.	5.4	3
16	Inferring the Hydraulic Properties of a Historical Soil: A Revisiting of Perrault's Experiments. <i>Procedia Environmental Sciences</i> , 2013, 19, 590-598.	1.4	2
17	A comparative assessment of the estimates of the saturated hydraulic conductivity of two anthropogenic soils and their impact on hydrological model simulations. <i>Soil and Water Research</i> , 2020, 15, 135-147.	1.7	2
18	Back-Analysis of an Artificially Triggered Landslide: A Case Study in Northern Italy. , 2017, , 541-549.		2

#	ARTICLE	IF	CITATIONS
19	Dimensionless Numerical Approach to Perched Waters in 2D Gradually Layered Soils. , 2013, , 143-149.		2
20	Non Monotonic Imbibition Profiles and Transition to a Perched Water Table in a Gradually Layered Soil. , 2012, , 167-174.		2
21	Lake Garda lemon houses: a mediterranean landscape in an internal lake. Proceedings E Report, 0, , 183-193.	0.0	1
22	Seasonality of Earthworm Macropores in a Temperate Alpine Area. Eurasian Soil Science, 2021, 54, 1935-1944.	1.6	1
23	On the hydrological properties of mountain soils, from measurement to the geotechnical implications. E3S Web of Conferences, 2016, 9, 16002.	0.5	0
24	Beyond Perrault's experiments: repeatability, didactics and complexity. Hydrology and Earth System Sciences, 2020, 24, 1907-1926.	4.9	0