

Massimiliano Schwarz

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

733
citations

687220

13
h-index

839398

18
g-index

31
all docs

31
docs citations

31
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological mitigation of hillslope instability: ten key issues facing researchers and practitioners. <i>Plant and Soil</i> , 2014, 377, 1-23.	1.8	258
2	Tree-root control of shallow landslides. <i>Earth Surface Dynamics</i> , 2017, 5, 451-477.	1.0	65
3	Root reinforcement dynamics in subalpine spruce forests following timber harvest: a case study in Canton Schwyz, Switzerland. <i>Catena</i> , 2016, 143, 275-288.	2.2	63
4	How does forest structure affect root reinforcement and susceptibility to shallow landslides?. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 951-960.	1.2	58
5	Modeling bio-engineering traits of <i>Jatropha curcas</i> L.. <i>Ecological Engineering</i> , 2016, 89, 40-48.	1.6	36
6	Impact of different chestnut coppice managements on root reinforcement and shallow landslide susceptibility. <i>Forest Ecology and Management</i> , 2018, 417, 63-76.	1.4	36
7	Large roots dominate the contribution of trees to slope stability. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1602-1609.	1.2	36
8	A review of modeling the effects of vegetation on large wood recruitment processes in mountain catchments. <i>Earth-Science Reviews</i> , 2019, 194, 350-373.	4.0	33
9	Shallow landslide disposition in burnt European beech (<i>Fagus sylvatica</i> L.) forests. <i>Scientific Reports</i> , 2019, 9, 8638.	1.6	27
10	Design and temporal issues in Soil Bioengineering structures for the stabilisation of shallow soil movements. <i>Ecological Engineering</i> , 2021, 169, 106309.	1.6	24
11	Modeling shallow landslides and root reinforcement: A review. <i>Ecological Engineering</i> , 2022, 181, 106671.	1.6	24
12	Mechanical Characteristics of the Fine Roots of Two Broadleaved Tree Species from the Temperate Caspian Hyrcanian Ecoregion. <i>Forests</i> , 2020, 11, 345.	0.9	18
13	A New Framework to Model Hydraulic Bank Erosion Considering the Effects of Roots. <i>Water (Switzerland)</i> , 2020, 12, 893.	1.2	14
14	Quantifying the Stabilizing Effect of Forests on Shallow Landslide-Prone Slopes. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 255-270.	1.1	10
15	Field Measurements of Passive Earth Forces in Steep, Shallow, Landslide-Prone Areas. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 838-866.	1.0	10
16	Numerical modeling using an elastoplastic-adhesive discrete element code for simulating hillslope debris flows and calibration against field experiments. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 2339-2358.	1.5	6
17	Quantification of potential recruitment of large woody debris in mountain catchments considering the effects of vegetation on hydraulic and geotechnical bank erosion and shallow landslides. <i>E3S Web of Conferences</i> , 2018, 40, 02046.	0.2	4
18	Forest Protection Unifies, Silviculture Divides: A Sociological Analysis of Local Stakeholders'™ Voices after Coppicing in the Marganai Forest (Sardinia, Italy). <i>Forests</i> , 2020, 11, 708.	0.9	4