

Gian Battista Bischetti

List of Publications by Year in descending order

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36
papers

1,372
citations

393982

19
h-index

395343

33
g-index

43
all docs

43
docs citations

43
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation and water of lowland spring-wells in Po Plain (Northern Italy): ecological features and management proposals. <i>Wetlands Ecology and Management</i> , 2022, 30, 357-374.	0.7	2
2	Effects of tree spacing and thinning on root reinforcement in mountain forests of the European Southern Alps. <i>Forest Ecology and Management</i> , 2021, 482, 118873.	1.4	16
3	Towards More Sustainable Materials for Geo-Environmental Engineering: The Case of Geogrids. <i>Sustainability</i> , 2021, 13, 2585.	1.6	13
4	Urban water-energy-food-climate nexus in integrated wastewater and reuse systems: Cyber-physical framework and innovations. <i>Applied Energy</i> , 2021, 298, 117268.	5.1	34
5	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
6	Water-Energy-Food-Climate Nexus in an Integrated Peri-Urban Wastewater Treatment and Reuse System: From Theory to Practice. <i>Sustainability</i> , 2021, 13, 10952.	1.6	12
7	Exploring Correlation between Stand Structural Indices and Parameters across Three Forest Types of the Southeastern Italian Alps. <i>Forests</i> , 2021, 12, 1645.	0.9	2
8	The effects of mountain grazing abandonment on plant community, forage value and soil properties: observations and field measurements in an alpine area. <i>Catena</i> , 2019, 181, 104086.	2.2	34
9	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
10	Source areas, connectivity, and delivery rate of sediments in mountainous-forested hillslopes: A probabilistic approach. <i>Science of the Total Environment</i> , 2019, 652, 1168-1186.	3.9	26
11	How to renew soil bioengineering for slope stabilization: some proposals. <i>Landscape and Ecological Engineering</i> , 2019, 15, 37-50.	0.7	30
12	A Probabilistic 3-D Slope Stability Analysis for Forest Management. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019, , 11-21.	0.0	4
13	A probabilistic multidimensional approach to quantify large wood recruitment from hillslopes in mountainous-forested catchments. <i>Geomorphology</i> , 2018, 306, 108-127.	1.1	24
14	Including root reinforcement variability in a probabilistic 3D stability model. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1789-1806.	1.2	24
15	A proposal for assessing the success of soil bioengineering work by analysing vegetation: results of two case studies in the Italian Alps. <i>Landscape and Ecological Engineering</i> , 2017, 13, 305-318.	0.7	19
16	Vegetation analysis and estimation of forest reconstitution time in protected areas of Val Camonica (Southern Alps) where a commercial mixture of seeds was sown. <i>Eco Mont</i> , 2017, 9, 22-29.	0.1	5
17	Agro-environmental sustainability of different water management practices in temperate rice agro-ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2016, 222, 235-248.	2.5	39
18	Evaluation of the effects of three European forest types on slope stability by field and probabilistic analyses and their implications for forest management. <i>Forest Ecology and Management</i> , 2016, 370, 114-129.	1.4	34

#	ARTICLE	IF	CITATIONS
19	A comparison between different methods for determining grain distribution in coarse channel beds. International Journal of Sediment Research, 2016, 31, 97-109.	1.8	10
20	Ecological index of maturity to evaluate the vegetation disturbance of areas affected by restoration work: a practical example of its application in an area of the Southern Alps. Restoration Ecology, 2015, 23, 635-644.	1.4	35
21	Comparison of measurement methods of the front velocity of small-scale debris flows. Journal of Agricultural Engineering, 2015, 46, 129.	0.7	3
22	An integrated, multisensor system for the continuous monitoring of water dynamics in rice fields under different irrigation regimes. Environmental Monitoring and Assessment, 2015, 187, 586.	1.3	24
23	On the Origin of Soil Bioengineering. Landscape Research, 2014, 39, 583-595.	0.7	49
24	Effects of root tensile force and diameter distribution variability on root reinforcement in the Swiss and Italian Alps. Canadian Journal of Forest Research, 2014, 44, 1426-1440.	0.8	39
25	Root strength and density decay after felling in a Silver Fir-Norway Spruce stand in the Italian Alps. Plant and Soil, 2014, 377, 63-81.	1.8	28
26	The contribution of chestnut coppice forests on slope stability in abandoned territory: a case study. Journal of Agricultural Engineering, 2013, 44, .	0.7	7
27	Variability in the tensile resistance of roots in Alpine forest tree species. Ecological Engineering, 2012, 46, 43-56.	1.6	69
28	Quantifying the effect of brush layering on slope stability. Ecological Engineering, 2010, 36, 258-264.	1.6	41
29	CALIBRATION OF DISTRIBUTED SHALLOW LANDSLIDE MODELS IN FORESTED LANDSCAPES. Journal of Agricultural Engineering, 2010, 41, 23.	0.7	7
30	Root cohesion of forest species in the Italian Alps. Plant and Soil, 2009, 324, 71-89.	1.8	176
31	Root strength and root area ratio of forest species in Lombardy (Northern Italy). , 2007, , 31-41.		30
32	Root Strength and Root Area Ratio of Forest Species in Lombardy (Northern Italy). Plant and Soil, 2005, 278, 11-22.	1.8	275
33	Biotechnical Characteristics of Root Systems of Typical Mediterranean Species. Plant and Soil, 2005, 278, 23-32.	1.8	168
34	A simple triangular approximation of the area function for the calculation of network hydrological response. , 1999, 13, 2639-2653.		10
35	A simple stochastic model of point source solute transport in rivers based on gauging station data with implications for sampling requirements. Water Research, 1999, 33, 3171-3181.	5.3	24
36	IDENTIFICATION AND ANALYSIS OF NATURAL CHANNEL NETWORKS FROM DIGITAL ELEVATION MODELS. , 1996, 21, 1007-1020.		14