

Gloria Falsone

List of Publications by Year in descending order

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36
papers

598
citations

623734

14
h-index

642732

23
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36
all docs

36
docs citations

36
times ranked

783
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil aggregation, erodibility, and erosion rates in mountain soils (NW Alps, Italy). <i>Solid Earth</i> , 2015, 6, 403-414.	2.8	67
2	Ecological functions provided by dung beetles are interlinked across space and time: evidence from ¹⁵ N isotope tracing. <i>Ecology</i> , 2017, 98, 433-446.	3.2	51
3	Linking Ni and Cr concentrations to soil mineralogy: does it help to assess metal contamination when the natural background is high?. <i>Journal of Soils and Sediments</i> , 2010, 10, 1475-1486.	3.0	47
4	Pedogenic processes and clay transformations in bisequal soils of the Southern Taiga zone. <i>Geoderma</i> , 2009, 149, 66-75.	5.1	38
5	Humus forms, organic matter stocks and carbon fractions in forest soils of northwestern Italy. <i>Biology and Fertility of Soils</i> , 2011, 47, 555-566.	4.3	31
6	Soil development and microbial functional diversity: Proposal for a methodological approach. <i>Geoderma</i> , 2013, 192, 437-445.	5.1	30
7	Structure development in aggregates of poorly developed soils through the analysis of the pore system. <i>Catena</i> , 2012, 95, 169-176.	5.0	25
8	GIS-based soil maps as tools to evaluate land capability and suitability in a coastal reclaimed area (Ravenna, northern Italy). <i>International Soil and Water Conservation Research</i> , 2021, 9, 167-179.	6.5	23
9	Chemical and pedological features of subaqueous and hydromorphic soils along a hydrosequence within a coastal system (San Vitale Park, Northern Italy). <i>Geoderma</i> , 2016, 265, 141-151.	5.1	21
10	Liquid and plastic limits of clayey, organic C-rich mountain soils: Role of organic matter and mineralogy. <i>Catena</i> , 2017, 151, 238-246.	5.0	20
11	Soil properties under Norway spruce differ in spruce dominated and mixed broadleaf forests of the Southern Taiga. <i>Plant and Soil</i> , 2008, 308, 149-159.	3.7	19
12	Assessing the origin of carbonates in a complex soil with a suite of analytical methods. <i>Geoderma</i> , 2012, 175-176, 47-57.	5.1	18
13	In situ remediation of polluted Spolic Technosols using Ca(OH) ₂ and smectitic marlstone. <i>Geoderma</i> , 2014, 232-234, 1-9.	5.1	15
14	Influence of serpentine abundance on the vertical distribution of available elements in soils. <i>Plant and Soil</i> , 2013, 368, 493-506.	3.7	14
15	Soil Carbon Investigation in Three Pedoclimatic and Agronomic Settings of Northern Italy. <i>Sustainability</i> , 2020, 12, 10539.	3.2	14
16	Douglas-fir reforestation in North Apennine (Italy): Performance on soil carbon sequestration, nutrients stock and microbial activity. <i>Applied Soil Ecology</i> , 2015, 86, 82-90.	4.3	13
17	Pore-size distribution and particle arrangement in fragipan and nonfragipan horizons. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 696-703.	1.9	11
18	Multidisciplinary study of a Lateglacial-Holocene sedimentary sequence near Bologna (Italy): insights on natural and anthropogenic impacts on the landscape dynamics. <i>Journal of Soils and Sediments</i> , 2016, 16, 645-662.	3.0	11

#	ARTICLE	IF	CITATIONS
19	DESTABILIZATION OF AGGREGATES IN SOME TYPIC FRAGIUDALFS. <i>Soil Science</i> , 2006, 171, 272-281.	0.9	10
20	Evolution of surface properties and organic matter stabilisation in podzolic B horizons as assessed by nitrogen and phosphate sorption. <i>Biology and Fertility of Soils</i> , 2013, 49, 505-516.	4.3	10
21	Relative Importance of Mineralogy and Organic Matter Characteristics on Macroaggregate and Colloid Dynamics in Mg-Silicate Dominated Soils. <i>Land Degradation and Development</i> , 2016, 27, 1700-1708.	3.9	10
22	Soil Quality and Organic Matter Pools in a Temperate Climate (Northern Italy) under Different Land Uses. <i>Agronomy</i> , 2021, 11, 1815.	3.0	10
23	Management Zones Delineation through Clustering Techniques Based on Soils Traits, NDVI Data, and Multiple Year Crop Yields. <i>Agriculture (Switzerland)</i> , 2022, 12, 231.	3.1	10
24	Effects of Alfalfa on Aggregate Stability, Aggregate Preserved and Nutrients in Region Mountain Agricultural Soils 1 Year After its Planting. <i>Land Degradation and Development</i> , 2017, 28, 2408-2417.	3.9	9
25	Soil Biochemical Indicators and Biological Fertility in Agricultural Soils: A Case Study from Northern Italy. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 219.	2.0	9
26	AGGREGATE FORMATION IN CHLORITIC AND SERPENTINITIC ALPINE SOILS. <i>Soil Science</i> , 2007, 172, 1019-1030.	0.9	8
27	Wet Aggregate Stability of Some Botswana Soil Profiles. <i>Arid Land Research and Management</i> , 2006, 20, 15-28.	1.6	7
28	The Conversion of Abandoned Chestnut Forests to Managed Ones Does Not Affect the Soil Chemical Properties and Improves the Soil Microbial Biomass Activity. <i>Forests</i> , 2020, 11, 786.	2.1	7
29	Assessment of Water Quality and Soil Salinity in the Agricultural Coastal Plain (Ravenna, North Italy). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 369.	2.0	7
30	Mid-term (30 years) changes of soil properties under chestnut stands due to organic residues management: An integrated study. <i>Catena</i> , 2021, 198, 105021.	5.0	7
31	Soil organic carbon stock assessment in forest ecosystems through pedogenic horizons and fixed depth layers sampling: What's the best one?. <i>Land Degradation and Development</i> , 2022, 33, 1446-1458.	3.9	7
32	Modern and ancient pedogenesis as revealed by Holocene fire - Northern Apennines, Italy. <i>Quaternary International</i> , 2018, 467, 264-276.	1.5	6
33	Native and planted forest species determine different carbon and nitrogen pools in Arenosol developed on Holocene deposits from a coastal Mediterranean area (Tuscany, Italy). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	5
34	Simulating the effects of wet and dry on aggregate dynamics in argillic fragipan horizon. <i>Geoderma</i> , 2017, 305, 407-416.	5.1	4
35	Soil and climate factors drive spatio-temporal variability of arable crop yields under uniform management in Northern Italy. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 75-89.	2.6	3
36	Calcium chloride washing of calcareous sediment from a freshwater canal: effect on the removal of potentially toxic elements and water aggregate stability. <i>Journal of Soils and Sediments</i> , 2019, 19, 3098-3107.	3.0	1