

Simona Vingiani

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

945
citations

430874

18
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace element accumulation by moss and lichen exposed in bags in the city of Naples (Italy). <i>Environmental Pollution</i> , 2003, 122, 91-103.	7.5	139
2	Atmospheric trace metal pollution in the Naples urban area based on results from moss and lichen bags. <i>Environmental Pollution</i> , 2005, 136, 431-442.	7.5	105
3	Monitoring metal pollution in soils using portable-XRF and conventional laboratory-based techniques: Evaluation of the performance and limitations according to metal properties and sources. <i>Science of the Total Environment</i> , 2018, 643, 516-526.	8.0	79
4	Mixed-layer kaolinite-smectite minerals in a red-black soil sequence from basalt in Sardinia (Italy). <i>Clays and Clay Minerals</i> , 2004, 52, 473-483.	1.3	55
5	A Web-based spatial decision supporting system for land management and soil conservation. <i>Solid Earth</i> , 2015, 6, 903-928.	2.8	50
6	Sulphur, nitrogen and carbon content of <i>Sphagnum capillifolium</i> and <i>Pseudevernia furfuracea</i> exposed in bags in the Naples urban area. <i>Environmental Pollution</i> , 2004, 129, 145-158.	7.5	49
7	Forest humus forms as potential indicators of soil carbon storage in Mediterranean environments. <i>Biology and Fertility of Soils</i> , 2011, 47, 31-40.	4.3	47
8	Tree or soil? Factors influencing humus form differentiation in Italian forests. <i>Geoderma</i> , 2016, 264, 195-204.	5.1	36
9	Integrated study of Red Mediterranean soils from Southern Italy. <i>Catena</i> , 2018, 168, 129-140.	5.0	36
10	The hidden nature of parent material in soils of Italian mountain ecosystems. <i>Geoderma</i> , 2013, 207-208, 291-309.	5.1	29
11	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , 2020, 9, 628.	3.5	26
12	Occurrence and origin of soils with andic properties in Calabria (southern Italy). <i>Geoderma</i> , 2014, 232-234, 500-516.	5.1	25
13	Active Biomonitoring of Heavy Metals and PAHs with Mosses and Lichens: a Case Study in the Cities of Naples and London. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	22
14	A geospatial decision support system for supporting quality viticulture at the landscape scale. <i>Computers and Electronics in Agriculture</i> , 2017, 140, 88-102.	7.7	22
15	The Potential for Lunar and Martian Regolith Simulants to Sustain Plant Growth: A Multidisciplinary Overview. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	2.8	22
16	Geo-mineralogical characterisation of Mars simulant MMS-1 and appraisal of substrate physico-chemical properties and crop performance obtained with variable green compost amendment rates. <i>Science of the Total Environment</i> , 2020, 720, 137543.	8.0	21
17	Volcanic soils and landslides: a case study of the island of Ischia (southern Italy) and its relationship with other Campania events. <i>Solid Earth</i> , 2015, 6, 783-797.	2.8	20
18	A geospatial decision support system to assist olive growing at the landscape scale. <i>Computers and Electronics in Agriculture</i> , 2020, 168, 105143.	7.7	20

#	ARTICLE	IF	CITATIONS
19	Soil Sealing: Quantifying Impacts on Soil Functions by a Geospatial Decision Support System. <i>Land Degradation and Development</i> , 2017, 28, 2513-2526.	3.9	13
20	An integrated approach to studying the genesis of andic soils in Italian non-volcanic mountain ecosystems. <i>Catena</i> , 2017, 159, 35-50.	5.0	13
21	Soil properties, strontium isotopic signatures and multi-element profiles to authenticate the origin of vegetables from small-scale regions: illustration with early potatoes from southern Italy. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2721-2731.	1.5	12
22	Landslide processes and Andosols: the case study of the Campania region, Italy. , 2007, , 545-563.		12
23	Weathering of basaltic pebbles in a red soil from Sardinia: A microsite approach for the identification of secondary mineral phases. <i>Catena</i> , 2010, 83, 96-106.	5.0	11
24	Lichen-rock interactions and bioformation of minerals. <i>Developments in Soil Science</i> , 2002, , 377-391.	0.5	10
25	Genetic and geochemical signatures to prevent frauds and counterfeit of high-quality asparagus and pistachio. <i>Food Chemistry</i> , 2017, 237, 545-552.	8.2	10
26	The hidden ecological resource of andic soils in mountain ecosystems: evidence from Italy. <i>Solid Earth</i> , 2018, 9, 63-74.	2.8	10
27	Future Soil Issues. <i>World Soils Book Series</i> , 2013, , 303-348.	0.2	9
28	Pedological investigation of an early Bronze Age site in southern Italy. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 193-217.	1.5	8
29	Andic soils and flow-like landslides: Cause-effect evidence from Italy. <i>Land Degradation and Development</i> , 2019, 30, 128-140.	3.9	8
30	Weathering and particle entrapment at the rock-lichen interface in Italian volcanic environments. <i>Geoderma</i> , 2013, 207-208, 244-255.	5.1	7
31	Soils of the Aversa plain (southern Italy). <i>Journal of Maps</i> , 2018, 14, 312-320.	2.0	6
32	A peculiar morphology of gibbsite and nordstrandite co-crystallized in the presence of tartrate in a strongly alkaline environment. <i>Clays and Clay Minerals</i> , 2003, 51, 350-353.	1.3	4
33	Soil properties and debris flows in Italy: potential relationships. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 41, 199-202.	0.3	3
34	Multi-Sensor Approach Combined with Pedological Investigations to Understand Site-Specific Variability of Soil Properties and Potentially Toxic Elements (PTEs) Content of an Industrial Contaminated Area. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3993.	2.5	3
35	Enzyme activities as affected by mineral properties in buried volcanic soils of southern Italy. <i>Geoderma</i> , 2020, 362, 114123.	5.1	2
36	Recent History, Use and Forgetfulness of the Cypress Forest of Fontegreca (Southern Italy). <i>Diversity</i> , 2020, 12, 461.	1.7	1