Simona Vingiani

List of Publications by Year
in descending order

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	The Potential for Lunar and Martian Regolith Simulants to Sustain Plant Growth: A Multidisciplinary Overview. Frontiers in Astronomy and Space Sciences, 2022, 8, .	2.8	22
2	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. Applied Sciences (Switzerland), 2022, 12, 3993.	2.5	3
3	Enzyme activities as affected by mineral properties in buried volcanic soils of southern Italy. Geoderma, 2020, 362, 114123.	5.1	2
4	A geospatial decision support system to assist olive growing at the landscape scale. Computers and Electronics in Agriculture, 2020, 168, 105143.	7.7	20
5	Recent History, Use and Forgetfulness of the Cypress Forest of Fontegreca (Southern Italy). Diversity, 2020, 12, 461.	1.7	1
6	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. Plants, 2020, 9, 628.	3.5	26
7	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. Science of the Total Environment, 2020, 720, 137543.	8.0	21
8	Andic soils and flowâ€like landslides: Causeâ€“effect evidence from Italy. Land Degradation and Development, 2019, 30, 128-140.	3.9	8
9	Integrated study of Red Mediterranean soils from Southern Italy. Catena, 2018, 168, 129-140.	5.0	36
10	Pedological investigation of an early Bronze Age site in southern Italy. Geoarchaeology - an International Journal, 2018, 33, 193-217.	1.5	8
11	Soils of the Aversa plain (southern Italy). Journal of Maps, 2018, 14, 312-320.	2.0	6
12	The hidden ecological resource of andic soils in mountain ecosystems: evidence from Italy. Solid Earth, 2018, 9, 63-74.	2.8	10
13	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. Science of the Total Environment, 2018, 643, 516-526.	8.0	79
14	A geospatial decision support system for supporting quality viticulture at the landscape scale. Computers and Electronics in Agriculture, 2017, 140, 88-102.	7.7	22
15	Genetic and geochemical signatures to prevent frauds and counterfeit of high-quality asparagus and pistachio. Food Chemistry, 2017, 237, 545-552.	8.2	10
16	Soil Sealing: Quantifying Impacts on Soil Functions by a Geospatial Decision Support System. Land Degradation and Development, 2017, 28, 2513-2526.	3.9	13
17	An integrated approach to studying the genesis of andic soils in Italian non-volcanic mountain ecosystems. Catena, 2017, 159, 35-50.	5.0	13
18	Tree or soil? Factors influencing humus form differentiation in Italian forests. Geoderma, 2016, 264, 195-204.	5.1	36

#	Article	IF	Citations
19	Volcanic soils and landslides: a case study of the island of Ischia (southern Italy) and its relationship with other Campania events. Solid Earth, 2015, 6, 783-797.	2.8	20
20	A Web-based spatial decision supporting system for land management and soil conservation. Solid Earth, 2015, 6, 903-928.	2.8	50
21	Active Biomonitoring of Heavy Metals and PAHs with Mosses and Lichens: a Case Study in the Cities of Naples and London. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	22
22	Occurrence and origin of soils with andic properties in Calabria (southern Italy). Geoderma, 2014, 232-234, 500-516.	5.1	25
23	Weathering and particle entrapment at the rockâ€"lichen interface in Italian volcanic environments. Geoderma, 2013, 207-208, 244-255.	5.1	7
24	The hidden nature of parent material in soils of Italian mountain ecosystems. Geoderma, 2013, 207-208, 291-309.	5.1	29
25	Future Soil Issues. World Soils Book Series, 2013, , 303-348.	0.2	9
26	Forest humus forms as potential indicators of soil carbon storage in Mediterranean environments. Biology and Fertility of Soils, 2011, 47, 31-40.	4.3	47
27	Soil properties, strontium isotopic signatures and multiâ€element profiles to authenticate the origin of vegetables from smallâ€scale regions: illustration with early potatoes from southern Italy. Rapid Communications in Mass Spectrometry, 2011, 25, 2721-2731.	1.5	12
28	Weathering of basaltic pebbles in a red soil from Sardinia: A microsite approach for the identification of secondary mineral phases. Catena, 2010, 83, 96-106.	5.0	11
29	Landslide processes and Andosols: the case study of the Campania region, Italy. , 2007, , 545-563.		12
30	Atmospheric trace metal pollution in the Naples urban area based on results from moss and lichen bags. Environmental Pollution, 2005, 136, 431-442.	7.5	105
31	Sulphur, nitrogen and carbon content of Sphagnum capillifolium and Pseudevernia furfuracea exposed in bags in the Naples urban area. Environmental Pollution, 2004, 129, 145-158.	7.5	49
32	Mixed-layer kaolinite-smectite minerals in a red-black soil sequence from basalt in Sardinia (Italy). Clays and Clay Minerals, 2004, 52, 473-483.	1.3	55
33	Trace element accumulation by moss and lichen exposed in bags in the city of Naples (Italy). Environmental Pollution, 2003, 122, 91-103.	7.5	139
34	A peculiar morphology of gibbsite and nordstrandite co-crystallized in the presence of tartrate in a strongly alkaline environment. Clays and Clay Minerals, 2003, 51, 350-353.	1.3	4
35	Lichen-rock interactions and bioformation of minerals. Developments in Soil Science, 2002, , 377-391.	0.5	10
36	Soil properties and debris flows in Italy: potential relationships. Rendiconti Online Societa Geologica Italiana, 0, 41, 199-202.	0.3	3