

Riccardo Scalenghe

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,828

citations

17

h-index

42

g-index

68

ext. papers

2,159

ext. citations

5.3

avg, IF

5.14

L-index

#	Paper	IF	Citations
66	Advanced methods of plant disease detection. A review. <i>Agronomy for Sustainable Development</i> , 2015 , 35, 1-25	6.8	353
65	The anthropogenic sealing of soils in urban areas. <i>Landscape and Urban Planning</i> , 2009 , 90, 1-10	7.7	276
64	Changes in the seasonal snow cover of alpine regions and its effect on soil processes: A review. <i>Quaternary International</i> , 2007 , 162-163, 172-181	2	159
63	Anthropogenic soils are the golden spikes for the Anthropocene. <i>Holocene</i> , 2011 , 21, 1269-1274	2.6	130
62	Simulating soil freeze/thaw cycles typical of winter alpine conditions: Implications for N and P availability. <i>Applied Soil Ecology</i> , 2007 , 35, 247-255	5	99
61	Aspects of phosphorus transfer from soils in Europe. <i>Journal of Plant Nutrition and Soil Science</i> , 2008 , 171, 552-575	2.3	82
60	The effect of reducing conditions on the solubility of phosphorus in a diverse range of European agricultural soils. <i>European Journal of Soil Science</i> , 2002 , 53, 439-447	3.4	76
59	European soils overfertilized with phosphorus: Part 1. Basic properties. <i>Fertilizer Research</i> , 1996 , 45, 199-207		66
58	The impact of warfare on the soil environment. <i>Earth-Science Reviews</i> , 2013 , 127, 1-15	10.2	61
57	Resource or waste? A perspective of plastics degradation in soil with a focus on end-of-life options. <i>Heliyon</i> , 2018 , 4, e00941	3.6	60
56	The First Forty Years of a Technosol. <i>Pedosphere</i> , 2009 , 19, 40-52	5	40
55	Influence of 150 years of land use on anthropogenic and natural carbon stocks in Emilia-Romagna region (Italy). <i>Environmental Science & Technology</i> , 2011 , 45, 5112-7	10.3	30
54	Are agricultural soils under a continental temperate climate susceptible to episodic reducing conditions and increased leaching of phosphorus?. <i>Journal of Environmental Management</i> , 2012 , 97, 141-7	7.9	28
53	Labile nitrogen, carbon, and phosphorus pools and nitrogen mineralization and immobilization rates at low temperatures in seasonally snow-covered soils. <i>Biology and Fertility of Soils</i> , 2007 , 43, 519-529	6.1	26
52	The scent of Mare Nostrum: medicinal and aromatic plants in Mediterranean soils. <i>Journal of the Science of Food and Agriculture</i> , 2012 , 92, 1150-70	4.3	22
51	Phosphorus loss in overfertilized soils: The selective P partitioning and redistribution between particle size separates. <i>European Journal of Agronomy</i> , 2007 , 27, 72-80	5	20
50	Mountain dairy wastewater treatment with the use of a [irregularly shaped] constructed wetland (Aosta Valley, Italy). <i>Ecological Engineering</i> , 2014 , 73, 176-183	3.9	18

49	Release of phosphorus under reducing and simulated open drainage conditions from overfertilised soils. <i>Chemosphere</i> , 2014 , 95, 289-94	8.4	17
48	DRIFTS sensor: soil carbon validation at large scale (Pantelleria, Italy). <i>Sensors</i> , 2013 , 13, 5603-13	3.8	16
47	Segregated Ice and Liquefaction Effects on Compaction of Fragipans. <i>Soil Science Society of America Journal</i> , 2004 , 68, 204-214	2.5	16
46	Pedogenesis in disturbed alpine soils (NW Italy). <i>Geoderma</i> , 2002 , 109, 207-224	6.7	16
45	Soil is brown gold in the Emilia-Romagna region, Italy. <i>Land Use Policy</i> , 2014 , 39, 350-357	5.6	14
44	Pedogenic carbonates and carbon pools in gypsiferous soils of a semiarid Mediterranean environment in south Italy. <i>Geoderma</i> , 2013 , 192, 31-38	6.7	13
43	Proposal of a Citrus translational genomic approach for early and infield detection of Flavescence dorè in Vitis. <i>Plant Biosystems</i> , 2016 , 150, 43-53	1.6	12
42	Holocene as Anthropocene. <i>Science</i> , 2015 , 349, 246.1-246	33.3	12
41	A view of extraterrestrial soils. <i>European Journal of Soil Science</i> , 2009 , 60, 1078-1092	3.4	11
40	Material sources of the Roman brick-making industry in the I and II century A.D. from Regio IX, Regio XI and Alpes Cottiae. <i>Quaternary International</i> , 2015 , 357, 189-206	2	10
39	Variation of soil carbon stocks during the renaturation of old fields: the case study of the Pantelleria Island, Italy. <i>Forest@</i> , 2007 , 4, 102-109	0.6	10
38	Carbon stocks in a 50-year-old Eucalyptus camaldulensis stand in Sicily, Italy. <i>Southern Forests</i> , 2015 , 77, 263-267	0.6	8
37	An anthropic soil transformation fingerprinted by REY patterns. <i>Journal of Archaeological Science</i> , 2009 , 36, 2502-2506	2.9	8
36	Strawberry fields forever: That is, how many grams of plastics are used to grow a strawberry?. <i>Journal of Environmental Management</i> , 2020 , 276, 111313	7.9	7
35	Connecting Existing Cemeteries Saving Good Soils (for Livings). <i>Sustainability</i> , 2020 , 12, 93	3.6	7
34	The role of pedogenic overprinting in the obliteration of parent material in some polygenetic landscapes of Sicily (Italy). <i>Geoderma Regional</i> , 2016 , 7, 49-58	2.7	7
33	Describing urban soils through a faceted system ensures more informed decision-making. <i>Land Use Policy</i> , 2016 , 51, 109-119	5.6	7
32	Carbon Stocks in Peri-Urban Areas: A Case Study of Remote Sensing Capabilities. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014 , 7, 4119-4128	4.7	7

31	Is the Anthropocene really worthy of a formal geologic definition?. <i>Infrastructure Asset Management</i> , 2015 , 2, 77-80	1.8	7
30	Soil Heavy Metals Patterns in the Torino Olympic Winter Games Venue (E.U.). <i>Soil and Sediment Contamination</i> , 2008 , 17, 205-220	3.2	7
29	Disambiguating the soils of Mars. <i>Planetary and Space Science</i> , 2020 , 186, 104922	2	6
28	Multitemporal mapping of peri-urban carbon stocks and soil sealing from satellite data. <i>Science of the Total Environment</i> , 2018 , 612, 590-604	10.2	6
27	Soils: Basic Concepts and Future Challenges 2006 ,		6
26	MODELING SOIL DEVELOPMENT IN A POST-INCISIVE CHRONOSEQUENCE. <i>Soil Science</i> , 2000 , 165, 455-462		6
25	The contamination legacy of a decommissioned iron smelter in the Italian Alps. <i>Journal of Geochemical Exploration</i> , 2018 , 186, 121-128	3.8	5
24	Do soils exist outside Earth?. <i>Planetary and Space Science</i> , 2010 , 58, 1767-1770	2	5
23	A new simple approach to evaluate pedogenic clay transformation in a Vertic Calcisol. <i>Journal of Geochemical Exploration</i> , 2006 , 88, 345-349	3.8	4
22	Holocene as Anthropocene. <i>Science</i> , 2015 , 349, 246	33.3	4
21	Phosphorus status in some natural desert truffle stands. <i>Communications in Soil Science and Plant Analysis</i> , 1998 , 29, 87-96	1.5	3
20	Plastic end-of-life alternatives, with a focus on the agricultural sector. <i>Current Opinion in Chemical Engineering</i> , 2021 , 32, 100681	5.4	3
19	Soil organic carbon stocks under recommended management practices in different soils of semiarid vineyards. <i>Land Degradation and Development</i> , 2020 , 31, 1906-1914	4.4	3
18	Consequence of litter removal on pedogenesis: A case study in Bachs and Irchel (Switzerland). <i>Geoderma</i> , 2016 , 271, 191-201	6.7	2
17	Cactus Pear (<i>Opuntia ficus-indica</i> L. (Mill.)) 2009 ,		2
16	Soil functions and land use 211-222		2
15	Soil formation on Earth and beyond: the role of additional soil-forming factors 193-210		2
14	A rapid method of screening ceramic artefacts to reject unlikely hypotheses of provenance. <i>Geoarchaeology - an International Journal</i> , 2019 , 34, 759-767	1.4	1

13	Anthropogenic Soils as the Marker 2018 , 129-132		1
12	The impractical supremacy of local identity on the worthless soils of Mappano. <i>City, Territory and Architecture</i> , 2016 , 3,	1.6	1
11	Some effects of a buried electricity transmission cable on bulk soil. <i>Bioelectromagnetics</i> , 2007 , 28, 667-711.	1.6	1
10	Soil phases: the living phase	91-102	1
9	Water need of Energy Crops One of the environmental problems of Poland 2010 , 473-477		1
8	Soil REE patterns as tracers of the emplacement of metal-rich anthropogenic materials. A case study in Moa (Cuba). <i>Journal of Soils and Sediments</i> , 2019 , 19, 2777-2784	3.4	1
7	Soil is the best testifier of the diachronous dawn of the Anthropocene. <i>Journal of Plant Nutrition and Soil Science</i> , 2021 , 184, 183-186	2.3	1
6	Outlook from the soil perspective of urban expansion and food security. <i>Heliyon</i> , 2021 , 7, e05860	3.6	1
5	Relief and calcium from gypsum as key factors for net inorganic carbon accumulation in soils of a semiarid Mediterranean environment. <i>Geoderma</i> , 2021 , 398, 115115	6.7	1
4	Vegetation, soils, and humus forms of Sardinian holm oak forests and approximated cross-harmonization of vegetation types, WRB Soil Groups and humus forms in selected Mediterranean ecosystems. <i>Applied Soil Ecology</i> , 2018 , 123, 659-663	5	0
3	Unnamed Soils, Lost Opportunities. <i>Environmental Science & Technology</i> , 2019 , 53, 8477-8478	10.3	0
2	The cork oak in the Mountains of Palermo (Italy): ecological insights from the south-eastern edge of its distribution range. <i>IForest</i> , 2020 , 13, 336-344	1.3	0
1	An Early Beginning of Citizen Science: Adolescents Experiencing Urban Energy Usages and Air Pollution. <i>Adolescents</i> , 2021 , 1, 225-251		