

Riccardo Scalenghe

List of Publications by Year in descending order

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67
papers

2,518
citations

394390

19
h-index

197805

49
g-index

68
all docs

68
docs citations

68
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced methods of plant disease detection. A review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 1-25.	5.3	579
2	The anthropogenic sealing of soils in urban areas. <i>Landscape and Urban Planning</i> , 2009, 90, 1-10.	7.5	351
3	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.	1.5	201
4	Anthropogenic soils are the golden spikes for the Anthropocene. <i>Holocene</i> , 2011, 21, 1269-1274.	1.7	165
5	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.	4.3	133
6	Resource or waste? A perspective of plastics degradation in soil with a focus on end-of-life options. <i>Heliyon</i> , 2018, 4, e00941.	3.2	96
7	Aspects of phosphorus transfer from soils in Europe. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 552-575.	1.9	89
8	The impact of warfare on the soil environment. <i>Earth-Science Reviews</i> , 2013, 127, 1-15.	9.1	88
9	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.	3.9	85
10	European soils overfertilized with phosphorus: Part 1. Basic properties. <i>Fertilizer Research</i> , 1996, 45, 199-207.	0.5	74
11	The First Forty Years of a Technosol. <i>Pedosphere</i> , 2009, 19, 40-52.	4.0	47
12	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, 5112-5117.	10.0	35
13	The scent of <i>Mare Nostrum</i> : medicinal and aromatic plants in Mediterranean soils. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1150-1170.	3.5	33
14	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.	4.3	31
15	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, 141-147.	7.8	31
16	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.	7.8	27
17	Release of phosphorus under reducing and simulated open drainage conditions from overfertilised soils. <i>Chemosphere</i> , 2014, 95, 289-294.	8.2	26
18	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.	4.1	22

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19	Mountain dairy wastewater treatment with the use of a "irregularly shaped"™ constructed wetland (Aosta Valley, Italy). <i>Ecological Engineering</i> , 2014, 73, 176-183.	3.6	21
20	Pedogenic carbonates and carbon pools in gypsiferous soils of a semiarid Mediterranean environment in south Italy. <i>Geoderma</i> , 2013, 192, 31-38.	5.1	20
21	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.	1.5	19
22	Segregated Ice and Liquefaction Effects on Compaction of Fragipans. <i>Soil Science Society of America Journal</i> , 2004, 68, 204-214.	2.2	18
23	Pedogenesis in disturbed alpine soils (NW Italy). <i>Geoderma</i> , 2002, 109, 207-224.	5.1	17
24	Soil is brown gold in the Emilia-Romagna region, Italy. <i>Land Use Policy</i> , 2014, 39, 350-357.	5.6	17
25	Soils: Basic Concepts and Future Challenges. , 2006, , .		17
26	DRIFTS Sensor: Soil Carbon Validation at Large Scale (Pantelleria, Italy). <i>Sensors</i> , 2013, 13, 5603-5613.	3.8	16
27	Disambiguating the soils of Mars. <i>Planetary and Space Science</i> , 2020, 186, 104922.	1.7	16
28	A view of extraterrestrial soils. <i>European Journal of Soil Science</i> , 2009, 60, 1078-1092.	3.9	15
29	Proposal of a <i>Citrus</i> translational genomic approach for early and infield detection of Flavescence dorÃ©e in <i>Vitis</i> . <i>Plant Biosystems</i> , 2016, 150, 43-53.	1.6	15
30	Holocene as Anthropocene. <i>Science</i> , 2015, 349, 246-246.	12.6	14
31	Multitemporal mapping of peri-urban carbon stocks and soil sealing from satellite data. <i>Science of the Total Environment</i> , 2018, 612, 590-604.	8.0	11
32	Connecting Existing Cemeteries Saving Good Soils (for Livings). <i>Sustainability</i> , 2020, 12, 93.	3.2	11
33	Describing urban soils through a faceted system ensures more informed decision-making. <i>Land Use Policy</i> , 2016, 51, 109-119.	5.6	10
34	Soil Heavy Metals Patterns in the Torino Olympic Winter Games Venue (E.U.). <i>Soil and Sediment Contamination</i> , 2008, 17, 205-220.	1.9	9
35	Carbon stocks in a 50-year-old <i>Eucalyptus camaldulensis</i> stand in Sicily, Italy. <i>Southern Forests</i> , 2015, 77, 263-267.	0.7	9
36	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.	2.1	9

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37	The contamination legacy of a decommissioned iron smelter in the Italian Alps. <i>Journal of Geochemical Exploration</i> , 2018, 186, 121-128.	3.2	9
38	An anthropic soil transformation fingerprinted by REY patterns. <i>Journal of Archaeological Science</i> , 2009, 36, 2502-2506.	2.4	8
39	Soil organic carbon stocks under recommended management practices in different soils of semiarid vineyards. <i>Land Degradation and Development</i> , 2020, 31, 1906-1914.	3.9	8
40	Plastic end-of-life alternatives, with a focus on the agricultural sector. <i>Current Opinion in Chemical Engineering</i> , 2021, 32, 100681.	7.8	8
41	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.	4.9	7
42	Is the Anthropocene really worthy of a formal geologic definition?. <i>Infrastructure Asset Management</i> , 2015, 2, 77-80.	1.6	7
43	MODELING SOIL DEVELOPMENT IN A POST-INCISIVE CHRONOSEQUENCE. <i>Soil Science</i> , 2000, 165, 455-462.	0.9	7
44	Holocene as Anthropocene. <i>Science</i> , 2015, 349, 246-246.	12.6	7
45	Do soils exist outside Earth?. <i>Planetary and Space Science</i> , 2010, 58, 1767-1770.	1.7	6
46	Phosphorus status in some natural desert truffle stands. <i>Communications in Soil Science and Plant Analysis</i> , 1998, 29, 87-96.	1.4	5
47	Soil functions and land use. , 2006, , 211-222.		5
48	Cactus Pear (<i>Opuntia ficus-indica</i> L. (Mill.)). , 2009, , .		5
49	Unnamed Soils, Lost Opportunities. <i>Environmental Science & Technology</i> , 2019, 53, 8477-8478.	10.0	5
50	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.	1.4	5
51	A new simple approach to evaluate pedogenic clay transformation in a Vertic Calcisol. <i>Journal of Geochemical Exploration</i> , 2006, 88, 345-349.	3.2	4
52	Consequence of litter removal on pedogenesis: A case study in Bachs and Irchel (Switzerland). <i>Geoderma</i> , 2016, 271, 191-201.	5.1	4
53	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.	4.3	4
54	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.	5.1	4

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55	Soil formation on Earth and beyond: the role of additional soil-forming factors. , 2006, , 193-210.		3
56	The impractical supremacy of local identity on the worthless soils of Mappano. City, Territory and Architecture, 2016, 3, .	1.3	3
57	Soil is the best testifier of the diachronous dawn of the Anthropocene. Journal of Plant Nutrition and Soil Science, 2021, 184, 183-186.	1.9	3
58	Soil phases: the living phase. , 2006, , 91-102.		2
59	Anthropogenic Soils as the Marker. , 2018, , 129-132.		2
60	A rapid method of screening ceramic artefacts to reject unlikely hypotheses of provenance. Geoarchaeology - an International Journal, 2019, 34, 759-767.	1.5	2
61	Soil REE patterns as tracers of the emplacement of metal-rich anthropogenic materials. A case study in Moa (Cuba). Journal of Soils and Sediments, 2019, 19, 2777-2784.	3.0	2
62	Outlook from the soil perspective of urban expansion and food security. Heliyon, 2021, 7, e05860.	3.2	2
63	Some effects of a buried electricity transmission cable on bulk soil. Bioelectromagnetics, 2007, 28, 667-671.	1.6	1
64	Anthropogenic carbon stocks analysis in sparsely urbanized areas using remote sensing: A case study. , 2013, , .		1
65	Water need of Energy Crops “one of the environmental problems of Poland. , 2010, , 473-477.		1
66	OBSOLETE: Anthropogenic soils as the marker. , 2018, , .		0
67	An Early Beginning of Citizen Science: Adolescents Experiencing Urban Energy Usages and Air Pollution. Adolescents, 2021, 1, 225-251.	0.8	0