Sara Marinari

List of Publications by Year
in descending order

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44 papers	1,904 citations	394421 19 h-index	254184 43 g-index
44 all docs	44 docs citations	44 times ranked	2650 citing authors

#	Article	IF	Citations
1	Soil enzymology: classical and molecular approaches. Biology and Fertility of Soils, 2012, 48, 743-762.	4.3	493
2	Chemical and biological indicators of soil quality in organic and conventional farming systems in Central Italy. Ecological Indicators, 2006, 6, 701-711.	6.3	257
3	Soil biochemical indicators as a tool to assess the short-term impact of agricultural management on changes in organic C in a Mediterranean environment. Ecological Indicators, 2009, 9, 518-527.	6.3	118
4	Soil microbial indices as bioindicators of environmental changes in a poplar plantation. Ecological Indicators, 2005, 5, 171-179.	6.3	104
5	Soil organic C variability and microbial functions in a Mediterranean agro-forest ecosystem. Biology and Fertility of Soils, 2011, 47, 283-291.	4.3	100
6	Soil carbon dioxide emission and carbon content as affected by conventional and organic cropping systems in Mediterranean environment. Applied Soil Ecology, 2010, 46, 64-72.	4.3	79
7	Soil quality, microbial functions and tomato yield under cover crop mulching in the Mediterranean environment. Soil and Tillage Research, 2015, 145, 20-28.	5.6	58
8	Organic mulching, irrigation and fertilization affect soil CO2 emission and C storage in tomato crop in the Mediterranean environment. Soil and Tillage Research, 2015, 152, 39-51.	5.6	57
9	Organic matter evolution and partial detoxification in two-phase olive mill waste colonized by white-rot fungi. International Biodeterioration and Biodegradation, 2007, 60, 116-125.	3.9	52
10	Soil property, CO2 emission and aridity index as agroecological indicators to assess the mineralization of cover crop green manure in a Mediterranean environment. Ecological Indicators, 2013, 34, 31-40.	6.3	47
11	Legume cover crops and mulches: effects on nitrate leaching and nitrogen input in a pepper crop (Capsicum annuum L.). Nutrient Cycling in Agroecosystems, 2011, 89, 399-412.	2.2	43
12	Elevated CO2 concentration, fertilization and their interaction: growth stimulation in a short-rotation poplar coppice (EUROFACE). Tree Physiology, 2005, 25, 179-189.	3.1	42
13	Organic matter transformation and detoxification in dry olive mill residue by the saprophytic fungus Paecilomyces farinosus. Process Biochemistry, 2009, 44, 216-225.	3.7	37
14	Differences of stabilized organic carbon fractions and microbiological activity along Mediterranean Vertisols and Alfisols profiles. Geoderma, 2010, 156, 379-388.	5.1	33
15	Wetland plants, micro-organisms and enzymatic activities interrelations in treating N polluted water. Ecological Engineering, 2012, 47, 36-43.	3.6	33
16	Soil development and microbial functional diversity: Proposal for a methodological approach. Geoderma, 2013, 192, 437-445.	5.1	30
17	On farm production of compost from nursery green residues and its use to reduce peat for the production of olive pot plants. Scientia Horticulturae, 2015, 193, 301-307.	3.6	25
18	Influence of Organic and Mineral Fertilizers on Soil Organic Carbon and Crop Productivity under Different Tillage Systems: A Meta-Analysis. Agriculture (Switzerland), 2022, 12, 464.	3.1	23

#	Article	IF	Citations
19	Effect of lithological substrate on microbial biomass and enzyme activity in brown soil profiles in the northern Apennines (Italy). Pedobiologia, 2010, 53, 313-320.	1.2	21
20	Immobilized Inocula of White-Rot Fungi Accelerate both Detoxification and Organic Matter Transformation in Two-Phase Dry Olive-Mill Residue. Journal of Agricultural and Food Chemistry, 2009, 57, 5452-5460.	5.2	20
21	Impact of elevated CO2 and nitrogen fertilization on foliar elemental composition in a short rotation poplar plantation. Environmental Pollution, 2007, 147, 507-515.	7.5	19
22	Plant cover and epipedon SOM stability as factors affecting brown soil profile development and microbial activity. Geoderma, 2011, 161, 212-224.	5.1	18
23	Tomato transgenic lines and Tetranychus urticae: changes in plant suitability and susceptibility. Experimental and Applied Acarology, 2003, 31, 177-189.	1.6	16
24	API ZYM assay to evaluate enzyme fingerprinting and microbial functional diversity in relation to soil processes. Biology and Fertility of Soils, 2016, 52, 77-89.	4.3	16
25	Effect of waterlogging on soil biochemical properties and organic matter quality in different salt marsh systems. Geoderma, 2019, 338, 302-312.	5.1	15
26	Douglas-fir reforestation in North Apennine (Italy): Performance on soil carbon sequestration, nutrients stock and microbial activity. Applied Soil Ecology, 2015, 86, 82-90.	4.3	13
27	Effects of Douglas Fir Stand Age on Soil Chemical Properties, Nutrient Dynamics, and Enzyme Activity: A Case Study in Northern Apennines, Italy. Forests, 2018, 9, 641.	2.1	13
28	CO2 Flux and C Balance due to the Replacement of Bare Soil with Agro-Ecological Service Crops in Mediterranean Environment. Agriculture (Switzerland), 2019, 9, 71.	3.1	13
29	Drivers of increased soil respiration in a poplar coppice exposed to elevated CO2. Plant and Soil, 2013, 362, 93-106.	3.7	12
30	Soil properties changes after seven years of ground mounted photovoltaic panels in Central Italy coastal area. Geoderma Regional, 2022, 29, e00500.	2.1	11
31	Influence of organic management on As bioavailability: Soil quality and tomato As uptake. Chemosphere, 2018, 211, 352-359.	8.2	10
32	How Soil Ecological Intensification by Means of Cover Crops Affects Nitrogen Use Efficiency in Pepper Cultivation. Agriculture (Switzerland), 2019, 9, 145.	3.1	10
33	Microbial Indices to Assess Soil Health under Different Tillage and Fertilization in Potato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlo	3.1	9
34	Lumbricus terrestris counteract the effects of modified lignin biosynthesis on the decomposition of tobacco plant residues. Soil Biology and Biochemistry, 2005, 37, 1141-1144.	8.8	8
35	Kinetics of acid phosphatase in calcium chloride extractable soil organic matter. Soil Biology and Biochemistry, 2008, 40, 2076-2078.	8.8	8
36	Soil processes related to organic matter modifications following Douglas-fir mature reforestation. Biology and Fertility of Soils, 2015, 51, 277-287.	4.3	8

#	Article	IF	Citations
37	Potential Role of Fertilizer Sources and Soil Tillage Practices to Mitigate Soil CO2 Emissions in Mediterranean Potato Production Systems. Sustainability, 2020, 12, 8543.	3.2	7
38	Assessing Soil-like Materials for Ecosystem Services Provided by Constructed Technosols. Land, 2021, 10, 1185.	2.9	7
39	Modern and ancient pedogenesis as revealed by Holocene fire - Northern Apennines, Italy. Quaternary International, 2018, 467, 264-276.	1.5	6
40	Can Hairy Vetch Cover Crop Affects Arsenic Accumulation in Vegetable Crops?. Agriculture (Switzerland), 2019, 9, 89.	3.1	5
41	A Combined Approach Employing Soxhlet Extraction and Linear Gradient Elution Reversed-Phase HPLC for the Fingerprinting of Soil Organic Matter According to Hydrophobicity. Chromatographia, 2006, 63, S11-S16.	1.3	3
42	Enzyme activities as affected by mineral properties in buried volcanic soils of southern Italy. Geoderma, 2020, 362, 114123.	5.1	2
43	Soil Quality and Health to Assess Agro-Ecosystems Services. Agriculture (Switzerland), 2022, 12, 784.	3.1	2
44	Chemical Characteristics and Effects on Soil Microbial Activity of Leaves from Tomato Plants Genetically Modified with a Transgene for Pathogen Resistance. Communications in Soil Science and Plant Analysis, 2005, 35, 1851-1863.	1.4	1