

Sara Marinari

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Influence of Organic and Mineral Fertilizers on Soil Organic Carbon and Crop Productivity under Different Tillage Systems: A Meta-Analysis. <i>Agriculture (Switzerland)</i> , 2022, 12, 464.	3.1	23
2	Microbial Indices to Assess Soil Health under Different Tillage and Fertilization in Potato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50	3.1	9
3	Soil properties changes after seven years of ground mounted photovoltaic panels in Central Italy coastal area. <i>Geoderma Regional</i> , 2022, 29, e00500.	2.1	11
4	Soil Quality and Health to Assess Agro-Ecosystems Services. <i>Agriculture (Switzerland)</i> , 2022, 12, 784.	3.1	2
5	Assessing Soil-like Materials for Ecosystem Services Provided by Constructed Technosols. <i>Land</i> , 2021, 10, 1185.	2.9	7
6	Enzyme activities as affected by mineral properties in buried volcanic soils of southern Italy. <i>Geoderma</i> , 2020, 362, 114123.	5.1	2
7	Potential Role of Fertilizer Sources and Soil Tillage Practices to Mitigate Soil CO ₂ Emissions in Mediterranean Potato Production Systems. <i>Sustainability</i> , 2020, 12, 8543.	3.2	7
8	How Soil Ecological Intensification by Means of Cover Crops Affects Nitrogen Use Efficiency in Pepper Cultivation. <i>Agriculture (Switzerland)</i> , 2019, 9, 145.	3.1	10
9	CO ₂ Flux and C Balance due to the Replacement of Bare Soil with Agro-Ecological Service Crops in Mediterranean Environment. <i>Agriculture (Switzerland)</i> , 2019, 9, 71.	3.1	13
10	Can Hairy Vetch Cover Crop Affects Arsenic Accumulation in Vegetable Crops?. <i>Agriculture (Switzerland)</i> , 2019, 9, 89.	3.1	5
11	Effect of waterlogging on soil biochemical properties and organic matter quality in different salt marsh systems. <i>Geoderma</i> , 2019, 338, 302-312.	5.1	15
12	Modern and ancient pedogenesis as revealed by Holocene fire - Northern Apennines, Italy. <i>Quaternary International</i> , 2018, 467, 264-276.	1.5	6
13	Effects of Douglas Fir Stand Age on Soil Chemical Properties, Nutrient Dynamics, and Enzyme Activity: A Case Study in Northern Apennines, Italy. <i>Forests</i> , 2018, 9, 641.	2.1	13
14	Influence of organic management on As bioavailability: Soil quality and tomato As uptake. <i>Chemosphere</i> , 2018, 211, 352-359.	8.2	10
15	API ZYM assay to evaluate enzyme fingerprinting and microbial functional diversity in relation to soil processes. <i>Biology and Fertility of Soils</i> , 2016, 52, 77-89.	4.3	16
16	Soil processes related to organic matter modifications following Douglas-fir mature reforestation. <i>Biology and Fertility of Soils</i> , 2015, 51, 277-287.	4.3	8
17	On farm production of compost from nursery green residues and its use to reduce peat for the production of olive pot plants. <i>Scientia Horticulturae</i> , 2015, 193, 301-307.	3.6	25
18	Organic mulching, irrigation and fertilization affect soil CO ₂ emission and C storage in tomato crop in the Mediterranean environment. <i>Soil and Tillage Research</i> , 2015, 152, 39-51.	5.6	57

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19	Douglas-fir reforestation in North Apennine (Italy): Performance on soil carbon sequestration, nutrients stock and microbial activity. <i>Applied Soil Ecology</i> , 2015, 86, 82-90.	4.3	13
20	Soil quality, microbial functions and tomato yield under cover crop mulching in the Mediterranean environment. <i>Soil and Tillage Research</i> , 2015, 145, 20-28.	5.6	58
21	Drivers of increased soil respiration in a poplar coppice exposed to elevated CO ₂ . <i>Plant and Soil</i> , 2013, 362, 93-106.	3.7	12
22	Soil property, CO ₂ emission and aridity index as agroecological indicators to assess the mineralization of cover crop green manure in a Mediterranean environment. <i>Ecological Indicators</i> , 2013, 34, 31-40.	6.3	47
23	Soil development and microbial functional diversity: Proposal for a methodological approach. <i>Geoderma</i> , 2013, 192, 437-445.	5.1	30
24	Wetland plants, micro-organisms and enzymatic activities interrelations in treating N polluted water. <i>Ecological Engineering</i> , 2012, 47, 36-43.	3.6	33
25	Soil enzymology: classical and molecular approaches. <i>Biology and Fertility of Soils</i> , 2012, 48, 743-762.	4.3	493
26	Plant cover and epipedon SOM stability as factors affecting brown soil profile development and microbial activity. <i>Geoderma</i> , 2011, 161, 212-224.	5.1	18
27	Legume cover crops and mulches: effects on nitrate leaching and nitrogen input in a pepper crop (<i>Capsicum annuum</i> L.). <i>Nutrient Cycling in Agroecosystems</i> , 2011, 89, 399-412.	2.2	43
28	Soil organic C variability and microbial functions in a Mediterranean agro-forest ecosystem. <i>Biology and Fertility of Soils</i> , 2011, 47, 283-291.	4.3	100
29	Differences of stabilized organic carbon fractions and microbiological activity along Mediterranean Vertisols and Alfisols profiles. <i>Geoderma</i> , 2010, 156, 379-388.	5.1	33
30	Effect of lithological substrate on microbial biomass and enzyme activity in brown soil profiles in the northern Apennines (Italy). <i>Pedobiologia</i> , 2010, 53, 313-320.	1.2	21
31	Soil carbon dioxide emission and carbon content as affected by conventional and organic cropping systems in Mediterranean environment. <i>Applied Soil Ecology</i> , 2010, 46, 64-72.	4.3	79
32	Organic matter transformation and detoxification in dry olive mill residue by the saprophytic fungus <i>Paecilomyces farinosus</i> . <i>Process Biochemistry</i> , 2009, 44, 216-225.	3.7	37
33	Soil biochemical indicators as a tool to assess the short-term impact of agricultural management on changes in organic C in a Mediterranean environment. <i>Ecological Indicators</i> , 2009, 9, 518-527.	6.3	118
34	Immobilized Inocula of White-Rot Fungi Accelerate both Detoxification and Organic Matter Transformation in Two-Phase Dry Olive-Mill Residue. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5452-5460.	5.2	20
35	Kinetics of acid phosphatase in calcium chloride extractable soil organic matter. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2076-2078.	8.8	8
36	Impact of elevated CO ₂ and nitrogen fertilization on foliar elemental composition in a short rotation poplar plantation. <i>Environmental Pollution</i> , 2007, 147, 507-515.	7.5	19

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37	Organic matter evolution and partial detoxification in two-phase olive mill waste colonized by white-rot fungi. <i>International Biodeterioration and Biodegradation</i> , 2007, 60, 116-125.	3.9	52
38	Chemical and biological indicators of soil quality in organic and conventional farming systems in Central Italy. <i>Ecological Indicators</i> , 2006, 6, 701-711.	6.3	257
39	A Combined Approach Employing Soxhlet Extraction and Linear Gradient Elution Reversed-Phase HPLC for the Fingerprinting of Soil Organic Matter According to Hydrophobicity. <i>Chromatographia</i> , 2006, 63, S11-S16.	1.3	3
40	Chemical Characteristics and Effects on Soil Microbial Activity of Leaves from Tomato Plants Genetically Modified with a Transgene for Pathogen Resistance. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 35, 1851-1863.	1.4	1
41	<i>Lumbricus terrestris</i> counteract the effects of modified lignin biosynthesis on the decomposition of tobacco plant residues. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1141-1144.	8.8	8
42	Elevated CO ₂ concentration, fertilization and their interaction: growth stimulation in a short-rotation poplar coppice (EUROFACE). <i>Tree Physiology</i> , 2005, 25, 179-189.	3.1	42
43	Soil microbial indices as bioindicators of environmental changes in a poplar plantation. <i>Ecological Indicators</i> , 2005, 5, 171-179.	6.3	104
44	Tomato transgenic lines and <i>Tetranychus urticae</i> : changes in plant suitability and susceptibility. <i>Experimental and Applied Acarology</i> , 2003, 31, 177-189.	1.6	16