

# Paolo Carletti

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

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citations

516215

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525886

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g-index

28  
all docs

28  
docs citations

28  
times ranked

1366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Soil Quality through Conservation Agriculture in North-Eastern Italy. Agriculture (Switzerland), 2022, 12, 1007.	1.4	5
2	Editorial: Towards a Functional Characterization of Plant Biostimulants. Frontiers in Plant Science, 2021, 12, 677772.	1.7	9
3	Influence of Tillage and Crop Rotations in Organic and Conventional Farming Systems on Soil Organic Matter, Bulk Density and Enzymatic Activities in a Short-Term Field Experiment. Agronomy, 2021, 11, 724.	1.3	12
4	Maize Growth and Root Organic Acid Exudation in Response to Water Extract of Compost Application. Journal of Soil Science and Plant Nutrition, 2021, 21, 2770-2780.	1.7	11
5	Quantitative Proteomics of Maize Roots Treated with a Protein Hydrolysate: A Comparative Study with Transcriptomics Highlights the Molecular Mechanisms Responsive to Biostimulants. Journal of Agricultural and Food Chemistry, 2020, 68, 7541-7553.	2.4	33
6	SOILSENSE handheld device for soil monitoring. , 2020, , .		0
7	A proteomic and biochemical investigation on the effects of sulfadiazine in Arabidopsis thaliana. Ecotoxicology and Environmental Safety, 2019, 178, 146-158.	2.9	9
8	Metabolomic responses triggered by arbuscular mycorrhiza enhance tolerance to water stress in wheat cultivars. Plant Physiology and Biochemistry, 2019, 137, 203-212.	2.8	102
9	Dissolved humic substances supplied as potential enhancers of Cu, Cd, and Pb adsorption by two different mangrove sediments. Journal of Soils and Sediments, 2019, 19, 1554-1565.	1.5	12
10	Effects of humic substances and indole-3-acetic acid on Arabidopsis sugar and amino acid metabolic profile. Plant and Soil, 2018, 426, 17-32.	1.8	40
11	Effects of different humic substances concentrations on root anatomy and Cd accumulation in seedlings of Avicennia germinans (black mangrove). Marine Pollution Bulletin, 2018, 130, 113-122.	2.3	18
12	Humusica 1, article 4: Terrestrial humus systems and forms " Specific terms and diagnostic horizons. Applied Soil Ecology, 2018, 122, 56-74.	2.1	33
13	Protein Profiling of Arabidopsis Roots Treated With Humic Substances: Insights Into the Metabolic and Interactome Networks. Frontiers in Plant Science, 2018, 9, 1812.	1.7	41
14	Possible developments for ex situ phytoremediation of contaminated sediments, in tropical and subtropical regions " Review. Chemosphere, 2017, 182, 707-719.	4.2	23
15	Proteomic insight into the mitigation of wheat root drought stress by arbuscular mycorrhizae. Journal of Proteomics, 2017, 169, 21-32.	1.2	75
16	InÂvitro secretomic analysis identifies putative pathogenicity-related proteins of Sporisorium scitamineum " The sugarcane smut fungus. Fungal Biology, 2017, 121, 199-211.	1.1	11
17	Biostimulant activity of humic substances extracted from leonardites. Plant and Soil, 2017, 420, 119-134.	1.8	58
18	Biostimulant Effects of Seed-Applied Sedaxane Fungicide: Morphological and Physiological Changes in Maize Seedlings. Frontiers in Plant Science, 2017, 8, 2072.	1.7	18

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19	Proteomic analysis of a compatible interaction between sugarcane and <i>Sporisorium scitamineum</i> . <i>Proteomics</i> , 2016, 16, 1111-1122.	1.3	39
20	Disentangling the effects of conservation agriculture practices on the vertical distribution of soil organic carbon. Evidence of poor carbon sequestration in North- Eastern Italy. <i>Agriculture, Ecosystems and Environment</i> , 2016, 230, 68-78.	2.5	64
21	Design of riparian buffer strips affects soil quality parameters. <i>Applied Soil Ecology</i> , 2014, 80, 67-76.	2.1	25
22	Topsoil organic matter properties in contrasted hedgerow vegetation types. <i>Plant and Soil</i> , 2014, 383, 337-348.	1.8	18
23	Assisted phytoremediation of mixed metal(loid)-polluted pyrite waste: Effects of foliar and substrate IBA application on fodder radish. <i>Chemosphere</i> , 2011, 84, 213-219.	4.2	17
24	Structural characterization of humic-like substances with conventional and surface-enhanced spectroscopic techniques. <i>Journal of Molecular Structure</i> , 2010, 982, 169-175.	1.8	20
25	Soil humic compounds and microbial communities in six spruce forests as function of parent material, slope aspect and stand age. <i>Plant and Soil</i> , 2009, 315, 47-65.	1.8	81
26	Protein Expression Changes in Maize Roots in Response to Humic Substances. <i>Journal of Chemical Ecology</i> , 2008, 34, 804-818.	0.9	59
27	Mineral Content and Root Respiration of <i>In Vitro</i> Grown Kiwifruit Plantlets Treated with Two Humic Fractions. <i>Journal of Plant Nutrition</i> , 2008, 31, 1074-1090.	0.9	8
28	Changes in antioxidant and pigment pool dimensions in UV-B irradiated maize seedlings. <i>Environmental and Experimental Botany</i> , 2003, 50, 149-157.	2.0	66