

Paolo Carletti

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

907
citations

516215

16
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic responses triggered by arbuscular mycorrhiza enhance tolerance to water stress in wheat cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 203-212.	2.8	102
2	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
3	Proteomic insight into the mitigation of wheat root drought stress by arbuscular mycorrhizae. <i>Journal of Proteomics</i> , 2017, 169, 21-32.	1.2	75
4	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
5	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
6	Protein Expression Changes in Maize Roots in Response to Humic Substances. <i>Journal of Chemical Ecology</i> , 2008, 34, 804-818.	0.9	59
7	Biostimulant activity of humic substances extracted from leonardites. <i>Plant and Soil</i> , 2017, 420, 119-134.	1.8	58
8	Protein Profiling of Arabidopsis Roots Treated With Humic Substances: Insights Into the Metabolic and Interactome Networks. <i>Frontiers in Plant Science</i> , 2018, 9, 1812.	1.7	41
9	Effects of humic substances and indole-3-acetic acid on Arabidopsis sugar and amino acid metabolic profile. <i>Plant and Soil</i> , 2018, 426, 17-32.	1.8	40
10	Proteomic analysis of a compatible interaction between sugarcane and <i>Sporisorium scitamineum</i> . <i>Proteomics</i> , 2016, 16, 1111-1122.	1.3	39
11	Humusica 1, article 4: Terrestrial humus systems and forms – Specific terms and diagnostic horizons. <i>Applied Soil Ecology</i> , 2018, 122, 56-74.	2.1	33
12	Quantitative Proteomics of Maize Roots Treated with a Protein Hydrolysate: A Comparative Study with Transcriptomics Highlights the Molecular Mechanisms Responsive to Biostimulants. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7541-7553.	2.4	33
13	Design of riparian buffer strips affects soil quality parameters. <i>Applied Soil Ecology</i> , 2014, 80, 67-76.	2.1	25
14	Possible developments for ex situ phytoremediation of contaminated sediments, in tropical and subtropical regions – Review. <i>Chemosphere</i> , 2017, 182, 707-719.	4.2	23
15	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
16	Topsoil organic matter properties in contrasted hedgerow vegetation types. <i>Plant and Soil</i> , 2014, 383, 337-348.	1.8	18
17	Biostimulant Effects of Seed-Applied Sedaxane Fungicide: Morphological and Physiological Changes in Maize Seedlings. <i>Frontiers in Plant Science</i> , 2017, 8, 2072.	1.7	18
18	Effects of different humic substances concentrations on root anatomy and Cd accumulation in seedlings of <i>Avicennia germinans</i> (black mangrove). <i>Marine Pollution Bulletin</i> , 2018, 130, 113-122.	2.3	18

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19	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
20	Dissolved humic substances supplied as potential enhancers of Cu, Cd, and Pb adsorption by two different mangrove sediments. <i>Journal of Soils and Sediments</i> , 2019, 19, 1554-1565.	1.5	12
21	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. <i>Agronomy</i> , 2021, 11, 724.	1.3	12
22	InÂvitro secretomic analysis identifies putative pathogenicity-related proteins of <i>Sporisorium scitamineum</i> â€“ The sugarcane smut fungus. <i>Fungal Biology</i> , 2017, 121, 199-211.	1.1	11
23	Maize Growth and Root Organic Acid Exudation in Response to Water Extract of Compost Application. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2770-2780.	1.7	11
24	A proteomic and biochemical investigation on the effects of sulfadiazine in <i>Arabidopsis thaliana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 178, 146-158.	2.9	9
25	Editorial: Towards a Functional Characterization of Plant Biostimulants. <i>Frontiers in Plant Science</i> , 2021, 12, 677772.	1.7	9
26	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
27	Changes in Soil Quality through Conservation Agriculture in North-Eastern Italy. <i>Agriculture (Switzerland)</i> , 2022, 12, 1007.	1.4	5
28	SOILSENSE handheld device for soil monitoring. , 2020, , .		0