Diego Pizzeghello

List of Publications by Year
in descending order

43 papers	3,526 citations	201674 27 h-index	254184 43 g-index
43 all docs	43 docs citations	43 times ranked	2874 citing authors

#	Article	IF	Citations
1	Wood-Based Compost Affects Soil Fertility and the Content of Available Forms of Nutrients in Vineyard and Field-Scale Agroecosystems. Agronomy, 2021, 11, 518.	3.0	4
2	Effectiveness of Humic Substances and Phenolic Compounds in Regulating Plant-Biological Functionality. Agronomy, 2020, 10, 1553.	3.0	12
3	Bioactivity of Size-Fractionated and Unfractionated Humic Substances From Two Forest Soils and Comparative Effects on N and S Metabolism, Nutrition, and Root Anatomy of Allium sativum L. Frontiers in Plant Science, 2020, 11, 1203.	3.6	29
4	Metabolite-Targeted Analysis and Physiological Traits of Zea mays L. in Response to Application of a Leonardite-Humate and Lignosulfonate-Based Products for Their Evaluation as Potential Biostimulants. Agronomy, 2019, 9, 445.	3.0	29
5	Molecular and Morphological Changes Induced by Leonardite-based Biostimulant in Beta vulgaris L.. Plants, 2019, 8, 181.	3.5	20
6	Short-Term Application of Polymer-Coated Mono-Ammonium Phosphate in a Calcareous Soil Affects the Pools of Available Phosphorus and the Growth of Hypericum Ã— moserianum (L.). Frontiers in Sustainable Food Systems, 2019, 3, .	3.9	13
7	Hormone-like activity of the soil organic matter. Applied Soil Ecology, 2018, 123, 517-520.	4.3	38
8	Humusica 1, article 4: Terrestrial humus systems and forms â€" Specific terms and diagnostic horizons. Applied Soil Ecology, 2018, 122, 56-74.	4.3	33
9	Root morphological and molecular responses induced by microalgae extracts in sugar beet (Beta) Tj ETQq1 1 0.784314 rgBT /Overloc	2.8	103
10	Humusica 1, article 5: Terrestrial humus systems and forms â€" Keys of classification of humus systems and forms. Applied Soil Ecology, 2018, 122, 75-86.	4.3	45
11	Innovative Approaches to Evaluate Sugar Beet Responses to Changes in Sulfate Availability. Frontiers in Plant Science, 2018, 9, 14.	3.6	29
12	Evaluation of Seaweed Extracts From Laminaria and Ascophyllum nodosum spp. as Biostimulants in Zea mays L. Using a Combination of Chemical, Biochemical and Morphological Approaches. Frontiers in Plant Science, 2018, 9, 428.	3.6	132
13	Biostimulant activity of humic substances extracted from leonardites. Plant and Soil, 2017, 420, 119-134.	3.7	58
14	Chemical and Biochemical Properties of Soils Developed from Different Lithologies in Northwestern Spain (Galicia). Forests, 2017, 8, 135.	2.1	8
15	Land Use Affects the Soil C Sequestration in Alpine Environment, NE Italy. Forests, 2017, 8, 197.	2.1	20
16	Effects of moderate and high rates of biochar and compost on grapevine growth in a greenhouse experiment. AIMS Agriculture and Food, 2017, 2, 113-128.	1.6	9
17	Plant biostimulants: physiological responses induced by protein hydrolyzed-based products and humic substances in plant metabolism. Scientia Agricola, 2016, 73, 18-23.	1.2	253
18	Biological Activity of Vegetal Extracts Containing Phenols on Plant Metabolism. Molecules, 2016, 21, 205.	3.8	75

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19	Relationship between soil test phosphorus and phosphorus release to solution in three soils after long-term mineral and manure application. Agriculture, Ecosystems and Environment, 2016, 233, 214-223.	5.3	71
20	Snow vole (Chionomys nivalis Martins) affects the redistribution of soil organic matter and hormoneâ€like activity in the alpine ecosystem: ecological implications. Ecology and Evolution, 2015, 5, 4542-4554.	1.9	19
21	Fatty Acid Methyl Ester (FAME) Succession in Different Substrates as Affected by the Co-Application of Three Pesticides. PLoS ONE, 2015, 10, e0145501.	2.5	8
22	Capsicum chinensis L. growth and nutraceutical properties are enhanced by biostimulants in a long-term period: chemical and metabolomic approaches. Frontiers in Plant Science, 2014, 5, 375.	3.6	151
23	Phosphorus-related properties in the profiles of three Italian soils after long-term mineral and manure applications. Agriculture, Ecosystems and Environment, 2014, 189, 216-228.	5.3	56
24	Topsoil organic matter properties in contrasted hedgerow vegetation types. Plant and Soil, 2014, 383, 337-348.	3.7	18
25	Isopentenyladenosine and cytokinin-like activity of different humic substances. Journal of Geochemical Exploration, 2013, 129, 70-75.	3.2	98
26	Chemical analyses of archaeological sediments identified the ancient activity areas of an Iron age building at Rotzo (Vicenza, Italy). Quaternary International, 2013, 289, 101-112.	1.5	8
27	Humic-like substances from agro-industrial residues affect growth and nitrogen assimilation in maize (Zea mays L.) plantlets. Journal of Geochemical Exploration, 2013, 129, 103-111.	3.2	56
28	Use of meat hydrolyzate derived from tanning residues as plant biostimulant for hydroponically grown maize. Journal of Plant Nutrition and Soil Science, 2013, 176, 287-295.	1.9	56
29	Soil chemical analysis supports the identification of ancient breeding structures: The case-study of CÃ Tron (Venice, Italy). Quaternary International, 2012, 275, 128-136.	1.5	3
30	Phosphorus forms and P-sorption properties in three alkaline soils after long-term mineral and manure applications in north-eastern Italy. Agriculture, Ecosystems and Environment, 2011, 141, 58-66.	5.3	153
31	High Molecular Size Humic Substances Enhance Phenylpropanoid Metabolism in Maize (Zea mays L.). Journal of Chemical Ecology, 2010, 36, 662-669.	1.8	168
32	Soil humic compounds and microbial communities in six spruce forests as function of parent material, slope aspect and stand age. Plant and Soil, 2009, 315, 47-65.	3.7	81
33	Humic substances induce lateral root formation and expression of the early auxin-responsiveIAA19gene and DR5 synthetic element inArabidopsis. Plant Biology, 2009, 12, 604-14.	3.8	99
34	Effect of a Compost and Its Water-Soluble Fractions on Key Enzymes of Nitrogen Metabolism in Maize Seedlings. Journal of Agricultural and Food Chemistry, 2009, 57, 11267-11276.	5.2	49
35	Biostimulant activity of two protein hydrolyzates in the growth and nitrogen metabolism of maize seedlings. Journal of Plant Nutrition and Soil Science, 2009, 172, 237-244.	1.9	258
36	Chemical Characteristics and Biological Activity of Organic Substances Extracted from Soils by Root Exudates. Soil Science Society of America Journal, 2005, 69, 2012-2019.	2.2	57

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37	Effect of low molecular size humic substances on nitrate uptake and expression of genes involved in nitrate transport in maize (Zea mays L.). Journal of Experimental Botany, 2004, 55, 803-813.	4.8	226
38	Low-molecular-weight organic acids and hormone-like activity of dissolved organic matter in two forest soils in N Italy. Journal of Chemical Ecology, 2003, 29, 1549-1564.	1.8	20
39	Physiological effects of humic substances on higher plants. Soil Biology and Biochemistry, 2002, 34, 1527-1536.	8.8	728
40	Hormoneâ€like activities of humic substances in different forest ecosystems. New Phytologist, 2002, 155, 393-402.	7.3	50
41	Hormoneâ€like activity of humic substances in Fagus sylvaticae forests. New Phytologist, 2001, 151, 647-657.	7.3	96
42	Chemical and Biochemical Properties of Humic Substances Isolated from Forest Soils and Plant Growth. Soil Science Society of America Journal, 2000, 64, 639-645.	2.2	71
43	Biological activity of humic substances extracted from soils under different vegetation cover. Communications in Soil Science and Plant Analysis, 1999, 30, 621-634.	1.4	16