

# Diego Pizzeghello

## List of Publications by Year in descending order

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43  
papers

3,526  
citations

201385

27  
h-index

253896

43  
g-index

43  
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43  
docs citations

43  
times ranked

2874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological effects of humic substances on higher plants. <i>Soil Biology and Biochemistry</i> , 2002, 34, 1527-1536.	4.2	728
2	Biostimulant activity of two protein hydrolyzates in the growth and nitrogen metabolism of maize seedlings. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 237-244.	1.1	258
3	Plant biostimulants: physiological responses induced by protein hydrolyzed-based products and humic substances in plant metabolism. <i>Scientia Agricola</i> , 2016, 73, 18-23.	0.6	253
4	Effect of low molecular size humic substances on nitrate uptake and expression of genes involved in nitrate transport in maize ( <i>Zea mays</i> L.). <i>Journal of Experimental Botany</i> , 2004, 55, 803-813.	2.4	226
5	High Molecular Size Humic Substances Enhance Phenylpropanoid Metabolism in Maize ( <i>Zea mays</i> L.). <i>Journal of Chemical Ecology</i> , 2010, 36, 662-669.	0.9	168
6	Phosphorus forms and P-sorption properties in three alkaline soils after long-term mineral and manure applications in north-eastern Italy. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 58-66.	2.5	153
7	<i>Capsicum chinensis</i> L. growth and nutraceutical properties are enhanced by biostimulants in a long-term period: chemical and metabolomic approaches. <i>Frontiers in Plant Science</i> , 2014, 5, 375.	1.7	151
8	Evaluation of Seaweed Extracts From <i>Laminaria</i> and <i>Ascophyllum nodosum</i> spp. as Biostimulants in <i>Zea mays</i> L. Using a Combination of Chemical, Biochemical and Morphological Approaches. <i>Frontiers in Plant Science</i> , 2018, 9, 428.	1.7	132
9	Root morphological and molecular responses induced by microalgae extracts in sugar beet ( <i>Beta</i> ) Tj ETQq1 1 0.784314 rgBT / Overloc 1.5 103	1.5	103
10	Humic substances induce lateral root formation and expression of the early auxin-responsive <i>IAA19</i> gene and DR5 synthetic element in <i>Arabidopsis</i> . <i>Plant Biology</i> , 2009, 12, 604-14.	1.8	99
11	Isopentenyladenosine and cytokinin-like activity of different humic substances. <i>Journal of Geochemical Exploration</i> , 2013, 129, 70-75.	1.5	98
12	Hormone-like activity of humic substances in <i>Fagus sylvatica</i> forests. <i>New Phytologist</i> , 2001, 151, 647-657.	3.5	96
13	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
14	Biological Activity of Vegetal Extracts Containing Phenols on Plant Metabolism. <i>Molecules</i> , 2016, 21, 205.	1.7	75
15	Chemical and Biochemical Properties of Humic Substances Isolated from Forest Soils and Plant Growth. <i>Soil Science Society of America Journal</i> , 2000, 64, 639-645.	1.2	71
16	Relationship between soil test phosphorus and phosphorus release to solution in three soils after long-term mineral and manure application. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 214-223.	2.5	71
17	Biostimulant activity of humic substances extracted from leonardites. <i>Plant and Soil</i> , 2017, 420, 119-134.	1.8	58
18	Chemical Characteristics and Biological Activity of Organic Substances Extracted from Soils by Root Exudates. <i>Soil Science Society of America Journal</i> , 2005, 69, 2012-2019.	1.2	57

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19	Humic-like substances from agro-industrial residues affect growth and nitrogen assimilation in maize ( <i>Zea mays</i> L.) plantlets. <i>Journal of Geochemical Exploration</i> , 2013, 129, 103-111.	1.5	56
20	Use of meat hydrolyzate derived from tanning residues as plant biostimulant for hydroponically grown maize. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 287-295.	1.1	56
21	Phosphorus-related properties in the profiles of three Italian soils after long-term mineral and manure applications. <i>Agriculture, Ecosystems and Environment</i> , 2014, 189, 216-228.	2.5	56
22	Hormone-like activities of humic substances in different forest ecosystems. <i>New Phytologist</i> , 2002, 155, 393-402.	3.5	50
23	Effect of a Compost and Its Water-Soluble Fractions on Key Enzymes of Nitrogen Metabolism in Maize Seedlings. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11267-11276.	2.4	49
24	Humusica 1, article 5: Terrestrial humus systems and forms – Keys of classification of humus systems and forms. <i>Applied Soil Ecology</i> , 2018, 122, 75-86.	2.1	45
25	Hormone-like activity of the soil organic matter. <i>Applied Soil Ecology</i> , 2018, 123, 517-520.	2.1	38
26	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
27	Innovative Approaches to Evaluate Sugar Beet Responses to Changes in Sulfate Availability. <i>Frontiers in Plant Science</i> , 2018, 9, 14.	1.7	29
28	Metabolite-Targeted Analysis and Physiological Traits of <i>Zea mays</i> L. in Response to Application of a Leonardite-Humate and Lignosulfonate-Based Products for Their Evaluation as Potential Biostimulants. <i>Agronomy</i> , 2019, 9, 445.	1.3	29
29	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 <i>Allium sativum</i> L. <i>Frontiers in Plant Science</i> , 2020, 11, 1203.	1.7	29
30	Low-molecular-weight organic acids and hormone-like activity of dissolved organic matter in two forest soils in N Italy. <i>Journal of Chemical Ecology</i> , 2003, 29, 1549-1564.	0.9	20
31	Land Use Affects the Soil C Sequestration in Alpine Environment, NE Italy. <i>Forests</i> , 2017, 8, 197.	0.9	20
32	Molecular and Morphological Changes Induced by Leonardite-based Biostimulant in <i>Beta vulgaris</i> L. <i>Plants</i> , 2019, 8, 181.	1.6	20
33	Snow vole ( <i>Chionomys nivalis</i> Martins) affects the redistribution of soil organic matter and hormone-like activity in the alpine ecosystem: ecological implications. <i>Ecology and Evolution</i> , 2015, 5, 4542-4554.	0.8	19
34	Topsoil organic matter properties in contrasted hedgerow vegetation types. <i>Plant and Soil</i> , 2014, 383, 337-348.	1.8	18
35	Biological activity of humic substances extracted from soils under different vegetation cover. <i>Communications in Soil Science and Plant Analysis</i> , 1999, 30, 621-634.	0.6	16
36	Short-Term Application of Polymer-Coated Mono-Ammonium Phosphate in a Calcareous Soil Affects the Pools of Available Phosphorus and the Growth of <i>Hypericum – moserianum</i> (L.). <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	1.8	13

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37	Effectiveness of Humic Substances and Phenolic Compounds in Regulating Plant-Biological Functionality. <i>Agronomy</i> , 2020, 10, 1553.	1.3	12
38	Effects of moderate and high rates of biochar and compost on grapevine growth in a greenhouse experiment. <i>AIMS Agriculture and Food</i> , 2017, 2, 113-128.	0.8	9
39	Chemical analyses of archaeological sediments identified the ancient activity areas of an Iron age building at Rotzo (Vicenza, Italy). <i>Quaternary International</i> , 2013, 289, 101-112.	0.7	8
40	Chemical and Biochemical Properties of Soils Developed from Different Lithologies in Northwestern Spain (Galicia). <i>Forests</i> , 2017, 8, 135.	0.9	8
41	Fatty Acid Methyl Ester (FAME) Succession in Different Substrates as Affected by the Co-Application of Three Pesticides. <i>PLoS ONE</i> , 2015, 10, e0145501.	1.1	8
42	Wood-Based Compost Affects Soil Fertility and the Content of Available Forms of Nutrients in Vineyard and Field-Scale Agroecosystems. <i>Agronomy</i> , 2021, 11, 518.	1.3	4
43	Soil chemical analysis supports the identification of ancient breeding structures: The case-study of CÃ Tron (Venice, Italy). <i>Quaternary International</i> , 2012, 275, 128-136.	0.7	3