

Paola DurÃ¡n

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,283
citations

361413

20
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

1711
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic phosphorus in the terrestrial environment: a perspective on the state of the art and future priorities. <i>Plant and Soil</i> , 2018, 427, 191-208.	3.7	145
2	Endophytic bacteria from selenium-supplemented wheat plants could be useful for plant-growth promotion, biofortification and <i>Gaeumannomyces graminis</i> biocontrol in wheat production. <i>Biology and Fertility of Soils</i> , 2014, 50, 983-990.	4.3	104
3	Enhanced selenium content in wheat grain by co-inoculation of selenobacteria and arbuscular mycorrhizal fungi: A preliminary study as a potential Se biofortification strategy. <i>Journal of Cereal Science</i> , 2013, 57, 275-280.	3.7	102
4	Aluminum-tolerant bacteria improve the plant growth and phosphorus content in ryegrass grown in a volcanic soil amended with cattle dung manure. <i>Applied Soil Ecology</i> , 2017, 115, 19-26.	4.3	67
5	Shoot accumulation of several trace elements in native plant species from contaminated soils in the Peruvian Andes. <i>Journal of Geochemical Exploration</i> , 2012, 113, 106-111.	3.2	65
6	Accumulation of Pb and Zn in <i>Bidens triplinervia</i> and <i>Senecio</i> sp. spontaneous species from mine spoils in Peru and their potential use in phytoremediation. <i>Journal of Geochemical Exploration</i> , 2012, 123, 109-113.	3.2	62
7	Accumulation of antimony and other potentially toxic elements in plants around a former antimony mine located in the Ribes Valley (Eastern Pyrenees). <i>Journal of Geochemical Exploration</i> , 2012, 113, 100-105.	3.2	60
8	Bacterial alkaline phosphomonoesterase in the rhizospheres of plants grown in Chilean extreme environments. <i>Biology and Fertility of Soils</i> , 2016, 52, 763-773.	4.3	54
9	Natural Holobiome Engineering by Using Native Extreme Microbiome to Counteract the Climate Change Effects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 568.	4.1	51
10	Microbial Community Composition in Take-All Suppressive Soils. <i>Frontiers in Microbiology</i> , 2018, 9, 2198.	3.5	46
11	Occurrence of Soil Fungi in Antarctic Pristine Environments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 28.	4.1	45
12	Bactericidal and Virucidal Activities of Biogenic Metal-Based Nanoparticles: Advances and Perspectives. <i>Antibiotics</i> , 2021, 10, 783.	3.7	43
13	Screening and Characterization of Potentially Suppressive Soils against <i>Gaeumannomyces graminis</i> under Extensive Wheat Cropping by Chilean Indigenous Communities. <i>Frontiers in Microbiology</i> , 2017, 8, 1552.	3.5	41
14	Assessment of plant growth promoting activities and abiotic stress tolerance of <i>Azotobacter chroococcum</i> strains for a potential use in sustainable agriculture. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	40
15	Endophytic selenobacteria as new inocula for selenium biofortification. <i>Applied Soil Ecology</i> , 2015, 96, 319-326.	4.3	39
16	Niche Differentiation in the Composition, Predicted Function, and Co-occurrence Networks in Bacterial Communities Associated With Antarctic Vascular Plants. <i>Frontiers in Microbiology</i> , 2020, 11, 1036.	3.5	34
17	Soil and plant contamination by lead mining in Bellmunt (Western Mediterranean Area). <i>Journal of Geochemical Exploration</i> , 2012, 113, 94-99.	3.2	28
18	Fertilizer P Uptake Determined by Soil P Fractionation and Phosphatase Activity. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 166-174.	3.4	28

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19	Phosphobacteria inoculation enhances the benefit of P-fertilization on <i>Lolium perenne</i> in soils contrasting in P-availability. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107516.	8.8	26
20	Characterization, In Vitro Culture, and Molecular Analysis of <i>Thecaphora solani</i> , the Causal Agent of Potato Smut. <i>Phytopathology</i> , 2004, 94, 875-882.	2.2	25
21	Inoculation with selenobacteria and arbuscular mycorrhizal fungi to enhance selenium content in lettuce plants and improve tolerance against drought stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	25
22	Improving selenium status in plant nutrition and quality. <i>Journal of Soil Science and Plant Nutrition</i> , 2015, , 0-0.	3.4	21
23	Understanding the Strategies to Overcome Phosphorus-Deficiency and Aluminum-Toxicity by Ryegrass Endophytic and Rhizosphere Phosphobacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 1155.	3.5	21
24	CHLSOC: the Chilean Soil Organic Carbon database, a multi-institutional collaborative effort. <i>Earth System Science Data</i> , 2020, 12, 457-468.	9.9	16
25	Antifungal Effects of Drimane Sesquiterpenoids Isolated from <i>Drimys winteri</i> against <i>Gaeumannomyces graminis</i> var. <i>tritici</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	13
26	Contribution of inoculation with arbuscular mycorrhizal fungi to the bioremediation of a copper polluted soil using <i>Oenothera picensis</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	10
27	Endophytic selenobacteria and arbuscular mycorrhizal fungus for Selenium biofortification and <i>Gaeumannomyces graminis</i> biocontrol. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	10
28	First report of fungal complex causing grey necrosis of hazelnut in Chile. <i>New Disease Reports</i> , 2020, 42, 7-7.	0.8	10
29	From farm to fork: it could be the case of Lactic Acid Bacteria in the stimulation of folates biofortification in food crops. <i>Current Opinion in Food Science</i> , 2020, 34, 1-8.	8.0	9
30	Engineering Multigenerational Host-Modulated Microbiota against Soilborne Pathogens in Response to Global Climate Change. <i>Biology</i> , 2021, 10, 865.	2.8	9
31	Biological Crusts to Increase Soil Carbon Sequestration: New Challenges in a New Environment. <i>Biology</i> , 2021, 10, 1190.	2.8	8
32	Assessment of the combined effects of beef cattle manure and lemon peel waste on soil-plant biochemical properties and phosphorus uptake by ryegrass. <i>Applied Soil Ecology</i> , 2022, 169, 104217.	4.3	4
33	Effect of Poultry Manure Compost and Arbuscular Mycorrhizal Fungi on Cu Immobilization and Soil Microbial Communities in a Cu-Contaminated Soil Using the Metallophyte <i>Oenothera Picensis</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1957-1967.	3.4	3
34	Efficient Biocontrol of <i>Gaeumannomyces graminis</i> var. <i>tritici</i> in Wheat: Using Bacteria Isolated from Suppressive Soils. <i>Agronomy</i> , 2021, 11, 2008.	3.0	3
35	Boron and Zinc Diminish Grey Necrosis Incidence by the Promotion of Desirable Microorganisms on Hazelnut Orchards. <i>Agronomy</i> , 2022, 12, 868.	3.0	3
36	Early responses to manganese (Mn) excess and its relation to antioxidant performance and organic acid exudation in barley cultivars. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	2

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37	Pesticide dissipation capacity of an organic biomixture used in the agriculture exposed to copper oxychloride. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110121.	6.0	2