

# Hector Herrera

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

362  
citations

933447

10  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycorrhizal compatibility and symbiotic seed germination of orchids from the Coastal Range and Andes in south central Chile. <i>Mycorrhiza</i> , 2017, 27, 175-188.	2.8	54
2	Enhanced Arsenic Tolerance in <i>Triticum aestivum</i> Inoculated with Arsenic-Resistant and Plant Growth Promoter Microorganisms from a Heavy Metal-Polluted Soil. <i>Microorganisms</i> , 2019, 7, 348.	3.6	40
3	Fungal and Bacterial Microbiome Associated with the Rhizosphere of Native Plants from the Atacama Desert. <i>Microorganisms</i> , 2020, 8, 209.	3.6	39
4	Adaptation and tolerance mechanisms developed by mycorrhizal <i>Bipinnula fimbriata</i> plantlets (Orchidaceae) in a heavy metal-polluted ecosystem. <i>Mycorrhiza</i> , 2018, 28, 651-663.	2.8	33
5	The Endophytic Fungus <i>Chaetomium cupreum</i> Regulates Expression of Genes Involved in the Tolerance to Metals and Plant Growth Promotion in <i>Eucalyptus globulus</i> Roots. <i>Microorganisms</i> , 2019, 7, 490.	3.6	28
6	Isolation and Identification of Endophytic Bacteria from Mycorrhizal Tissues of Terrestrial Orchids from Southern Chile. <i>Diversity</i> , 2020, 12, 55.	1.7	26
7	Orchid Mycorrhizal Interactions on the Pacific Side of the Andes from Chile. A Review. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 187-202.	3.4	23
8	Isolation and identification of plant growth-promoting bacteria from rhizomes of <i>Arachnitis uniflora</i> , a fully mycoheterotrophic plant in southern Chile. <i>Applied Soil Ecology</i> , 2020, 149, 103512.	4.3	17
9	Root-Associated Fungal Communities in Two Populations of the Fully Mycoheterotrophic Plant <i>Arachnitis uniflora</i> Phil. (Corsiaceae) in Southern Chile. <i>Microorganisms</i> , 2019, 7, 586.	3.6	12
10	Non-Specific Interactions of Rhizospheric Microbial Communities Support the Establishment of <i>Mimosa acutistipula</i> var. <i>ferrea</i> in an Amazon Rehabilitating Mineland. <i>Processes</i> , 2021, 9, 2079.	2.8	12
11	Mycorrhizal Fungi Isolated from Native Terrestrial Orchids from Region of La Araucanía, Southern Chile. <i>Microorganisms</i> , 2020, 8, 1120.	3.6	11
12	Root-associated endophytes isolated from juvenile <i>Ulex europaeus</i> L. (Fabaceae) plants colonizing rural areas in South-Central Chile. <i>Plant and Soil</i> , 2022, 474, 181-193.	3.7	10
13	Inoculation of <i>Triticum Aestivum</i> L. (Poaceae) with Plant-Growth-Promoting Fungi Alleviates Plant Oxidative Stress and Enhances Phenanthrene Dissipation in Soil. <i>Agronomy</i> , 2021, 11, 411.	3.0	9
14	Genome Sequence of <i>Brevundimonas</i> sp., an Arsenic Resistant Soil Bacterium. <i>Diversity</i> , 2021, 13, 344.	1.7	9
15	Improving Soil Simazine Dissipation Through an Organic Amendment Inoculated with <i>Trametes versicolor</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 262-269.	3.4	8
16	Proteomic Profiling and Rhizosphere-Associated Microbial Communities Reveal Adaptive Mechanisms of <i>Dioclea apurensis</i> Kunth in Eastern Amazon's Rehabilitating Minelands. <i>Plants</i> , 2022, 11, 712.	3.5	7
17	Dual inoculation with mycorrhizal and saprotrophic fungi suppress the maize growth and development under phenanthrene exposure. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	6
18	Tree Cover Species Modify the Diversity of Rhizosphere-Associated Microorganisms in <i>Nothofagus obliqua</i> (Mirb.) Oerst Temperate Forests in South-Central Chile. <i>Forests</i> , 2022, 13, 756.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Orchid-Associated Bacteria and Their Plant Growth Promotion Capabilities. Reference Series in Phytochemistry, 2022, , 175-200.	0.4	4
20	Metal(loid)-resistant bacterial consortia with antimycotic properties increase tolerance of <i>Chenopodium quinoa</i> Wild. to metal(loid) stress. Rhizosphere, 2022, 23, 100569.	3.0	4
21	Controlled mycorrhization of the endemic Chilean orchid <i>Chloraea gaviu</i> (Orchidaceae). Plant Biosystems, 2021, 155, 848-855.	1.6	2
22	Orchid-Associated Bacteria and Their Plant Growth Promotion Capabilities. Reference Series in Phytochemistry, 2021, , 1-26.	0.4	0