CÃ©sar A Arriagada

List of Publications by Year
in descending order

46 papers	982 citations	394286 19 h-index	477173 29 g-index
47 all docs	47 docs citations	47 times ranked	1141 citing authors

#	Article	IF	Citations
1	Orchid-Associated Bacteria and Their Plant Growth Promotion Capabilities. Reference Series in Phytochemistry, 2022, , 175-200.	0.2	4
2	Root-associated endophytes isolated from juvenile Ulex europaeus L. (Fabaceae) plants colonizing rural areas in South-Central Chile. Plant and Soil, 2022, 474, 181-193.	1.8	10
3	Metal(loid)-resistant bacterial consortia with antimycotic properties increase tolerance of Chenopodium quinoa Wild. to metal(loid) stress. Rhizosphere, 2022, 23, 100569.	1.4	4
4	Controlled mycorrhization of the endemic Chilean orchid Chloraea gavilu (Orchidaceae). Plant Biosystems, 2021, 155, 848-855.	0.8	2
5	Orchid-Associated Bacteria and Their Plant Growth Promotion Capabilities. Reference Series in Phytochemistry, 2021, , 1-26.	0.2	0
6	Inoculation of Triticum Aestivum L. (Poaceae) with Plant-Growth-Promoting Fungi Alleviates Plant Oxidative Stress and Enhances Phenanthrene Dissipation in Soil. Agronomy, 2021, 11, 411.	1.3	9
7	Cell Wall Calcium and Hemicellulose Have a Role in the Fruit Firmness during Storage of Blueberry (Vaccinium spp.). Plants, 2021, 10, 553.	1.6	17
8	Effect of arbuscular mycorrhizal fungi and mycoremediated dry olive residue in lead uptake in wheat plants. Applied Soil Ecology, 2021, 159, 103838.	2.1	6
9	Soil contamination with phenanthrene induces maize mycorrhiza growth suppression. Rhizosphere, 2021, 18, 100340.	1.4	0
10	Genome Sequence of Brevundimonas sp., an Arsenic Resistant Soil Bacterium. Diversity, 2021, 13, 344.	0.7	9
11	Mycorrhizal fungi isolated from Chilean orchids as biocontrollers of the pathogen Rhizoctonia solani. Gayana - Botanica, 2021, 78, 113-120.	0.3	2
12	Mycorrhizal Fungi Isolated from Native Terrestrial Orchids from Region of La AraucanÃa, Southern Chile. Microorganisms, 2020, 8, 1120.	1.6	11
13	Isolation and Identification of Endophytic Bacteria from Mycorrhizal Tissues of Terrestrial Orchids from Southern Chile. Diversity, 2020, 12, 55.	0.7	26
14	Fungal and Bacterial Microbiome Associated with the Rhizosphere of Native Plants from the Atacama Desert. Microorganisms, 2020, 8, 209.	1.6	39
15	Isolation and identification of plant growth-promoting bacteria from rhizomes of Arachnitis uniflora, a fully mycoheterotrophic plant in southern Chile. Applied Soil Ecology, 2020, 149, 103512.	2.1	17
16	Effects of Halophyte Root Exudates and Their Components on Chemotaxis, Biofilm Formation and Colonization of the Halophilic Bacterium Halomonas Anticariensis FP35T. Microorganisms, 2020, 8, 575.	1.6	13
17	Enhanced Arsenic Tolerance in Triticum aestivum Inoculated with Arsenic-Resistant and Plant Growth Promoter Microorganisms from a Heavy Metal-Polluted Soil. Microorganisms, 2019, 7, 348.	1.6	40
18	Alleviation of metal stress by Pseudomonas orientalis and Chaetomium cupreum strains and their effects on Eucalyptus globulus growth promotion. Plant and Soil, 2019, 436, 449-461.	1.8	20

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19	Orchid Mycorrhizal Interactions on the Pacific Side of the Andes from Chile. A Review. Journal of Soil Science and Plant Nutrition, 2019, 19, 187-202.	1.7	23
20	Improving Soil Simazine Dissipation Through an Organic Amendment Inoculated with Trametes versicolor. Journal of Soil Science and Plant Nutrition, 2019, 19, 262-269.	1.7	8
21	The Endophytic Fungus Chaetomium cupreum Regulates Expression of Genes Involved in the Tolerance to Metals and Plant Growth Promotion in Eucalyptus globulus Roots. Microorganisms, 2019, 7, 490.	1.6	28
22	Root-Associated Fungal Communities in Two Populations of the Fully Mycoheterotrophic Plant Arachnitis uniflora Phil. (Corsiaceae) in Southern Chile. Microorganisms, 2019, 7, 586.	1.6	12
23	A catechol oxidase AcPPO from cherimoya (Annona cherimola Mill.) is localized to the Golgi apparatus. Plant Science, 2018, 266, 46-54.	1.7	16
24	Dual inoculation with mycorrhizal and saprotrophic fungi suppress the maize growth and development under phenanthrene exposure. Journal of Soil Science and Plant Nutrition, 2018, , 0-0.	1.7	6
25	Adaptation and tolerance mechanisms developed by mycorrhizal Bipinnula fimbriata plantlets (Orchidaceae) in a heavy metal-polluted ecosystem. Mycorrhiza, 2018, 28, 651-663.	1.3	33
26	Transcriptome analysis during ripening of table grape berry cv. Thompson Seedless. PLoS ONE, 2018, 13, e0190087.	1.1	23
27	Mycorrhizal compatibility and symbiotic seed germination of orchids from the Coastal Range and Andes in south central Chile. Mycorrhiza, 2017, 27, 175-188.	1.3	54
28	Synergistic interactions between a saprophytic fungal consortium and Rhizophagus irregularis alleviate oxidative stress in plants grown in heavy metal contaminated soil. Plant and Soil, 2016, 407, 355-366.	1.8	46
29	The Forest Sector in Chile: An Overview and Current Challenges. Journal of Forestry, 2016, 114, 562-571.	0.5	60
30	Reference gene selection for quantitative real-time PCR in Solanum lycopersicum L. inoculated with the mycorrhizal fungus Rhizophagus irregularis. Plant Physiology and Biochemistry, 2016, 101, 124-131.	2.8	22
31	Effect of mixing soil saprophytic fungi with organic residues on the response of <i><scp>S</scp>olanum lycopersicum</i> to arbuscular mycorrhizal fungi. Soil Use and Management, 2015, 31, 155-164.	2.6	16
32	Crop residue stabilization and application to agricultural and degraded soils: A review. Waste Management, 2015, 42, 41-54.	3.7	98
33	Influence of an organic amendment comprising saprophytic and mycorrhizal fungi on soil quality and growth ofEucalyptus globulusin the presence of sewage sludge contaminated with aluminium. Archives of Agronomy and Soil Science, 2014, 60, 1229-1248.	1.3	13
34	Effects of the co-inoculation with saprobe and mycorrhizal fungi on Vaccinium corymbosum growth and some soil enzymatic activities. Journal of Soil Science and Plant Nutrition, 2012, 12, 283-294.	1.7	25
35	Suppressive effect of olive residue and saprophytic fungi on the growth of Verticillium dahliae and its effect on the dry weight of tomato (Solanum lycopersicum L.). Journal of Soil Science and Plant Nutrition, 2012, 12, 303-313.	1.7	6
36	Reduced dry olive residue phytotoxicity in the field by the combination of physical and biological treatments. Journal of Soil Science and Plant Nutrition, 2012, , 0-0.	1.7	3

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37	Are plant cell wall hydrolysing enzymes of saprobe fungi implicated in the biological control of the Verticillium dahliae pathogenesis?. Crop Protection, 2011, 30, 85-87.	1.0	5
38	Improved zinc tolerance in Eucalyptus globulus inoculated with Glomus deserticola and Trametes versicolor or Coriolopsis rigida. Soil Biology and Biochemistry, 2010, 42, 118-124.	4.2	43
39	Effects of conventional and organic nitrogen fertilizers on soil microbial activity, mycorrhizal colonization, leaf antioxidant content, and Fusarium wilt in highbush blueberry (Vaccinium) Tj ETQq1 1 0.784314 rg BT /Overlock 10 Tf 5	1.5	26
40	EFFECT OF ARBUSCULAR MYCORRHIZAL FUNGAL INOCULATION ON Eucalyptus globulus SEEDLINGS AND SOME SOIL ENZYME ACTIVITIES UNDER APPLICATION OF SEWAGE SLUDGE AMENDMENT. Revista De La Ciencia Del Suelo Y Nutricion Vegetal, 2009, 9, .	0.4	3
41	Improvement of growth of Eucalyptus globulus and soil biological parameters by amendment with sewage sludge and inoculation with arbuscular mycorrhizal and saprobe fungi. Science of the Total Environment, 2009, 407, 4799-4806.	3.9	19
42	The effects of the arbuscular mycorrhizal fungusGlomus deserticola on growth of tomato plants grown in the presence of olive mill residues modified by treatment with saprophytic fungi. Symbiosis, 2009, 47, 133-140.	1.2	15
43	Contribution of the saprobic fungi Trametes versicolor and Trichoderma harzianum and the arbuscular mycorrhizal fungi Glomus deserticola and G. claroideum to arsenic tolerance of Eucalyptus globulus. Bioresource Technology, 2009, 100, 6250-6257.	4.8	50
44	Interactions of Trametes versicolor, Coriolopsis rigida and the arbuscular mycorrhizal fungus Glomus deserticola on the copper tolerance of Eucalyptus globulus. Chemosphere, 2009, 77, 273-278.	4.2	17
45	Beneficial effect of saprobe and arbuscular mycorrhizal fungi on growth of Eucalyptus globulus co-cultured with Glycine max in soil contaminated with heavy metals. Journal of Environmental Management, 2007, 84, 93-99.	3.8	55
46	Contribution of Arbuscular Mycorrhizal and Saprobe Fungi to the Aluminum Resistance of Eucalyptus globulus. Water, Air, and Soil Pollution, 2007, 182, 383-394.	1.1	28