

# Alejandro Alarcón

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

852  
citations

471371

17  
h-index

501076

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation of soil contaminated with weathered petroleum hydrocarbons by applying mineral fertilization, an anionic surfactant, or hydrocarbonoclastic bacteria. <i>International Journal of Phytoremediation</i> , 2023, 25, 329-338.	1.7	0
2	QUALITATIVE AND QUANTITATIVE ENZYMATIC PROFILE OF NATIVE <i>Trichoderma</i> STRAINS AND BIOCONTROL POTENTIAL AGAINST <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> RACE 1. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2022, 11, e3264.	0.4	1
3	Effectiveness of antagonistic bacteria, commercial fungicides, and fourth generation quaternary ammonium salts, against <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 1 or 2. <i>European Journal of Plant Pathology</i> , 2022, 163, 719-731.	0.8	1
4	Growth and lead uptake by <i>Parkinsonia aculeata</i> L. inoculated with <i>Rhizophagus intraradices</i> . <i>International Journal of Phytoremediation</i> , 2021, 23, 272-278.	1.7	3
5	Toxicidad del plomo en la germinación y el crecimiento de plántulas de <i>Parkinsonia aculeata</i> L.. <i>Revista Mexicana De Ciencias Forestales</i> , 2021, 12, .	0.1	0
6	Arbuscular Mycorrhizal Colonization in a Mangrove Forest Exposed to Weathering Oil for Half a Century. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	4
7	Diesel Impacts on Functional Bacterial Groups and Collembolans During Phytoremediation in a Mesocosm System. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	0
8	Germinación y bioestimulación en <i>Acacia farnesiana</i> (L.) Willd y <i>Ebenopsis ebano</i> (Berl.) Barneby para la remoción de As, Cd y Zn de lodos residuales por extracción de gas shale en Tamaulipas. <i>Nova Scientia</i> , 2020, 12, .	0.0	0
9	Microbial Bioleaching of Ag, Au and Cu from Printed Circuit Boards of Mobile Phones. <i>Current Microbiology</i> , 2019, 76, 536-544.	1.0	35
10	Maize plant growth response to whole rhizosphere microbial communities in different mineral N and P fertilization scenarios. <i>Rhizosphere</i> , 2019, 9, 38-46.	1.4	15
11	Impact of Crude Oil on Functional Groups of Culturable Bacteria and Colonization of Symbiotic Microorganisms in the <i>Clitoria-Brachiaria</i> Rhizosphere Grown in Mesocosms. <i>Acta Biologica Colombiana</i> , 2019, 24, 343-353.	0.1	7
12	Towards the micropropagation of <i>Euphorbia cyathophora</i> Murray: a wild plant species with medicinal and ornamental potential. <i>Ciencia Rural</i> , 2019, 49, .	0.3	0
13	Species composition of native arbuscular mycorrhizal fungal consortia influences growth and nutrition of poblano pepper plants ( <i>Capsicum annuum</i> L.). <i>Applied Soil Ecology</i> , 2018, 130, 50-58.	2.1	15
14	Lipid extraction from the biomass of <i>Trichoderma koningiopsis</i> MX1 produced in a non-stirring culture for potential biodiesel production. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25627-25633.	2.7	2
15	Native communities of arbuscular mycorrhizal fungi associated with <i>Capsicum annuum</i> L. respond to soil properties and agronomic management under field conditions. <i>Agriculture, Ecosystems and Environment</i> , 2017, 245, 43-51.	2.5	28
16	Multitrophic interactions between maize mycorrhizas, the root feeding insect <i>Phyllophaga vetula</i> and the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Applied Soil Ecology</i> , 2017, 115, 38-43.	2.1	25
17	Diesel degradation by emulsifying bacteria isolated from soils polluted with weathered petroleum hydrocarbons. <i>Applied Soil Ecology</i> , 2017, 121, 127-134.	2.1	32
18	Effectiveness of native arbuscular mycorrhiza on the growth of four tree forest species from the Santa Marta Mountain, Veracruz (Mexico). <i>Forest Systems</i> , 2017, 26, e001.	0.1	3

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19	Biocrusts, inside and outside resource islands of <i>Mimosa luisana</i> (Leguminosae), improve soil carbon and nitrogen dynamics in a tropical semiarid ecosystem. <i>European Journal of Soil Biology</i> , 2016, 74, 93-103.	1.4	16
20	Molecular characterization and RFLP profile of an <i>Inocybe</i> (Inocybaceae, Agaricales) species isolated from Tlaxcala (Mexico): evidence for a new species in the subgenus <i>Mallocybe</i> . <i>Nova Hedwigia</i> , 2016, 103, 475-490.	0.2	2
21	Seed Germination and Seedling Growth of Five Plant Species for Assessing Potential Strategies to Stabilizing or Recovering Metals from Mine Tailings. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	12
22	Bioleaching of gold, copper and nickel from waste cellular phone PCBs and computer goldfinger motherboards by two <i>Aspergillus niger</i> strains. <i>Brazilian Journal of Microbiology</i> , 2015, 46, 707-713.	0.8	81
23	Plant and microbe genomics and beyond: potential for developing a novel molecular plant nutrition approach. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	9
24	Enhanced Pb Absorption by <i>Hordeum vulgare</i> L. and <i>Helianthus annuus</i> L. Plants Inoculated with an Arbuscular Mycorrhizal Fungi Consortium. <i>International Journal of Phytoremediation</i> , 2015, 17, 405-413.	1.7	18
25	Morphological development of sclerotia by <i>Sclerotinia sclerotiorum</i> : a view from light and scanning electron microscopy. <i>Annals of Microbiology</i> , 2015, 65, 765-770.	1.1	21
26	Controlled Release Fertilizer Increased Phytoremediation of Petroleum-Contaminated Sandy Soil. <i>International Journal of Phytoremediation</i> , 2014, 16, 285-301.	1.7	24
27	Identification of culturable microbial functional groups isolated from the rhizosphere of four species of mangroves and their biotechnological potential. <i>Applied Soil Ecology</i> , 2014, 82, 1-10.	2.1	16
28	Diesel effects on root hydraulic conductivity and morphological changes of the vascular cylinder in <i>Medicago sativa</i> . <i>Environmental and Experimental Botany</i> , 2014, 105, 1-9.	2.0	7
29	ARBUSCULAR MYCORRHIZAL COLONIZATION DOES NOT ALLEVIATE SODIUM CHLORIDE-SALINITY STRESS IN VINCA [ <i>CATHARANTHUS ROSEUS</i> (L.) G. DON]. <i>Journal of Plant Nutrition</i> , 2013, 36, 164-178.	0.9	5
30	Short-Term Biodegradation of Petroleum in Planted and Unplanted Sandy Soil. <i>Journal of Environmental Quality</i> , 2013, 42, 1080-1085.	1.0	2
31	Crecimiento de <i>Casuarina equisetifolia</i> (Casuarinaceae) en suelo con diásel, y aplicaci³n de bioestimulaci³n y bioaumentaci³n. <i>Revista De Biología Tropical</i> , 2013, 61, .	0.1	9
32	Research on arbuscular mycorrhizae in Mexico: an historical synthesis and future prospects. <i>Symbiosis</i> , 2012, 57, 111-126.	1.2	26
33	Arbuscular mycorrhizal fungi alleviate growth of <i>Ulmus parvifolia</i> Jacq. at suboptimal planting depths. <i>Scientia Horticulturae</i> , 2012, 144, 74-80.	1.7	16
34	Aislamiento de consorcios de hongos micorrícicos arbusculares de plantas medicinales y su efecto en el crecimiento de vinca ( <i>Catharanthus roseus</i> ). <i>Revista Chilena De Historia Natural</i> , 2012, 85, 187-198.	0.5	1
35	Tolerance and growth of 11 <i>Trichoderma</i> strains to crude oil, naphthalene, phenanthrene and benzo[a]pyrene. <i>Journal of Environmental Management</i> , 2012, 95, S291-S299.	3.8	48
36	Arbuscular mycorrhizal fungi on growth, nutrient status, and total antioxidant activity of <i>Melilotus albus</i> during phytoremediation of a diesel-contaminated substrate. <i>Journal of Environmental Management</i> , 2012, 95, S319-S324.	3.8	49

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37	Diversity and Agricultural Applications of Arbuscular Mycorrhizal Fungi in Mexico. Journal of Biofertilizers & Biopesticides, 2012, 03, .	0.8	14
38	Planting depth and soil amendments affect growth of <i>Quercus virginiana</i> Mill.. Urban Forestry and Urban Greening, 2011, 10, 127-132.	2.3	2
39	Efectividad de siete consorcios nativos de hongos micorrízicos arbusculares en plantas de café en condiciones de invernadero y campo. Revista Chilena De Historia Natural, 2011, 84, 23-31.	0.5	33
40	Arbuscular mycorrhizal fungi and potassium bicarbonate enhance the foliar content of the vinblastine alkaloid in <i>Catharanthus roseus</i> . Plant and Soil, 2011, 349, 367-376.	1.8	34
41	Short-Term Effects of Arsenate-Induced Toxicity on Growth, Chlorophyll and Carotenoid Contents, and Total Content of Phenolic Compounds of <i>Ázolla filiculoides</i> . Water, Air, and Soil Pollution, 2011, 217, 455-462.	1.1	42
42	In vitro antifungal effects of potassium bicarbonate on <i>Trichoderma</i> sp. and <i>Sclerotinia sclerotiorum</i> . Mycoscience, 2009, 50, 380-387.	0.3	8
43	Arbuscular mycorrhizal fungi enhance tolerance of vinca to high alkalinity in irrigation water. Scientia Horticulturae, 2008, 115, 275-284.	1.7	38
44	Arbuscular Mycorrhiza and Petroleum-Degrading Microorganisms Enhance Phytoremediation of Petroleum-Contaminated Soil. International Journal of Phytoremediation, 2008, 10, 251-263.	1.7	71
45	Arbuscular Mycorrhizal Fungi Enhance Tolerance of <i>Rosa multiflora</i> cv. Burr to Bicarbonate in Irrigation Water. Journal of Plant Nutrition, 2007, 30, 1517-1540.	0.9	23
46	Arbuscular mycorrhizal fungi in chronically petroleum-contaminated soils in Mexico and the effects of petroleum hydrocarbons on spore germination. Journal of Basic Microbiology, 2007, 47, 378-383.	1.8	37
47	(149) Phytoremediation of Petroleum Hydrocarbons with a <i>Lolium multiflorum</i> "Glomus intraradices" Inorganic Fertilization System: Influence on Plant Growth, Antioxidant Activity, Microbial Respiration, and Hydrocarbon Degradation. Hortscience: A Publication of the American Society for Horticultural Science. 2006, 41, 1059C-1059.	0.5	2
48	Glomus intraradices Enhances Growth and Gas Exchange of <i>Lolium perenne</i> Seedlings in Petroleum-contaminated Soil. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 770D-770.	0.5	1
49	Improved growth of bell pepper ( <i>Capsicum annuum</i> ) plants by inoculating arbuscular mycorrhizal fungi and beneficial rhizobacteria. Scientia Fungorum, 0, 51, e1299.	0.3	2
50	Nutrient status, hydrogen peroxide content and peroxidase activity of arbuscular mycorrhizal plants of <i>Melilotus albus</i> grown in diesel-contaminated substrate. Scientia Fungorum, 0, 51, e1298.	0.3	0