

# Rui S Oliveira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/120902/publications.pdf>

Version: 2024-02-01

41  
papers

1,995  
citations

257357

24  
h-index

315616

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early detection, herbicide resistance screening, and integrated management of invasive plant species: a review. <i>Pest Management Science</i> , 2022, 78, 3957-3972.	1.7	26
2	<i>Solanum elaeagnifolium</i> Cav. (Solanales: Solanaceae) presence confirmed in Portugal. <i>EPPO Bulletin</i> , 2022, 52, 499-504.	0.6	5
3	Role of bacteria and mycorrhizal fungi in phytomining: status and future perspectives. , 2021, , 15-26.		3
4	Encapsulation of <i>Pseudomonas libanensis</i> in alginate beads to sustain bacterial viability and inoculation of <i>Vigna unguiculata</i> under drought stress. <i>3 Biotech</i> , 2021, 11, 293.	1.1	8
5	Using microbial seed coating for improving cowpea productivity under a low-input agricultural system. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1092-1098.	1.7	11
6	Seed coating with inocula of arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria for nutritional enhancement of maize under different fertilisation regimes. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 31-43.	1.3	40
7	Seed Coating: A Tool for Delivering Beneficial Microbes to Agricultural Crops. <i>Frontiers in Plant Science</i> , 2019, 10, 1357.	1.7	189
8	Seed Coating with Arbuscular Mycorrhizal Fungi for Improved Field Production of Chickpea. <i>Agronomy</i> , 2019, 9, 471.	1.3	19
9	Potential of plant beneficial bacteria and arbuscular mycorrhizal fungi in phytoremediation of metal-contaminated saline soils. <i>Journal of Hazardous Materials</i> , 2019, 379, 120813.	6.5	146
10	Growth and nutrition of cowpea ( <i>Vigna unguiculata</i> ) under water deficit as influenced by microbial inoculation via seed coating. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 447-459.	1.7	27
11	Delivery of Inoculum of <i>Rhizophagus irregularis</i> via Seed Coating in Combination with <i>Pseudomonas libanensis</i> for Cowpea Production. <i>Agronomy</i> , 2019, 9, 33.	1.3	31
12	Biodegradation of mono-, di- and trifluoroacetate by microbial cultures with different origins. <i>New Biotechnology</i> , 2018, 43, 23-29.	2.4	29
13	Soil Microorganisms. , 2018, , 457-482.		2
14	Natural production of fluorinated compounds and biotechnological prospects of the fluorinase enzyme. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 880-897.	5.1	50
15	Increased protein content of chickpea ( <i>Cicer arietinum</i> L.) inoculated with arbuscular mycorrhizal fungi and nitrogen-fixing bacteria under water deficit conditions. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4379-4385.	1.7	43
16	Improved grain yield of cowpea ( <i>Vigna unguiculata</i> ) under water deficit after inoculation with <i>Bradyrhizobium elkanii</i> and <i>Rhizophagus irregularis</i> . <i>Crop and Pasture Science</i> , 2017, 68, 1052.	0.7	28
17	Biochemical and Molecular Mechanisms of Plant-Microbe-Metal Interactions: Relevance for Phytoremediation. <i>Frontiers in Plant Science</i> , 2016, 7, 918.	1.7	324
18	Bioaugmentation with Endophytic Bacterium E6S Homologous to <i>Achromobacter piechaudii</i> Enhances Metal Rhizoaccumulation in Host <i>Sedum plumbizincicola</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 75.	1.7	65

#	ARTICLE	IF	CITATIONS
19	Arbuscular mycorrhizal fungi are an alternative to the application of chemical fertilizer in the production of the medicinal and aromatic plant <i>Coriandrum sativum</i> L. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 320-328.	1.1	23
20	Seed coating with arbuscular mycorrhizal fungi as an ecotechnological approach for sustainable agricultural production of common wheat ( <i>Triticum aestivum</i> L.). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 329-337.	1.1	43
21	Cytotoxicity Induced by Extracts of <i>Pisolithus tinctorius</i> Spores on Human Cancer and Normal Cell Lines—Evaluation of the Anticancer Potential. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 840-847.	1.1	4
22	Inoculation with Metal-Mobilizing Plant-Growth-Promoting Rhizobacterium <i>Bacillus</i> sp. SC2b and Its Role in Rhizoremediation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 931-944.	1.1	67
23	The response of <i>Betula pubescens</i> to inoculation with an ectomycorrhizal fungus and a plant growth promoting bacterium is substrate-dependent. <i>Ecological Engineering</i> , 2015, 81, 439-443.	1.6	9
24	The hyperaccumulator <i>Sedum plumbizincicola</i> harbors metal-resistant endophytic bacteria that improve its phytoextraction capacity in multi-metal contaminated soil. <i>Journal of Environmental Management</i> , 2015, 156, 62-69.	3.8	251
25	Emerging Risks and Strategies for Environment and Health Protection. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 789-789.	1.1	0
26	Diversity and Persistence of Ectomycorrhizal Fungi and Their Effect on Nursery-Inoculated <i>Pinus pinaster</i> in a Post-fire Plantation in Northern Portugal. <i>Microbial Ecology</i> , 2014, 68, 761-772.	1.4	18
27	Reclamation of an abandoned burned forest using ectomycorrhizal inoculated <i>Quercus rubra</i> . <i>Forest Ecology and Management</i> , 2014, 320, 50-55.	1.4	10
28	Influence of mixtures of acenaphthylene and benzo[a]anthracene on their degradation by <i>Pleurotus ostreatus</i> in sandy soil. <i>Journal of Soils and Sediments</i> , 2014, 14, 829-834.	1.5	4
29	Serpentine bacteria influence metal translocation and bioconcentration of <i>Brassica juncea</i> and <i>Ricinus communis</i> grown in multi-metal polluted soils. <i>Frontiers in Plant Science</i> , 2014, 5, 757.	1.7	79
30	Effect of diflufenburon on the development of <i>Pinus pinaster</i> seedlings inoculated with the ectomycorrhizal fungus <i>Pisolithus tinctorius</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 582-590.	2.7	12
31	Combined use of <i>Pinus pinaster</i> plus and inoculation with selected ectomycorrhizal fungi as an ecotechnology to improve plant performance. <i>Ecological Engineering</i> , 2012, 43, 95-103.	1.6	28
32	Mycorrhizal symbiosis affected by different genotypes of <i>Pinus pinaster</i> . <i>Plant and Soil</i> , 2012, 359, 245-253.	1.8	16
33	Ectomycorrhizal fungi as an alternative to the use of chemical fertilisers in nursery production of <i>Pinus pinaster</i> . <i>Journal of Environmental Management</i> , 2012, 95, S269-S274.	3.8	42
34	Reforestation of burned stands: The effect of ectomycorrhizal fungi on <i>Pinus pinaster</i> establishment. <i>Soil Biology and Biochemistry</i> , 2011, 43, 2115-2120.	4.2	26
35	Management of nursery practices for efficient ectomycorrhizal fungi application in the production of <i>Quercus ilex</i> . <i>Symbiosis</i> , 2010, 52, 125-131.	1.2	26
36	Genetic, phenotypic and functional variation within a <i>Glomus geosporum</i> isolate cultivated with or without the stress of a highly alkaline anthropogenic sediment. <i>Applied Soil Ecology</i> , 2010, 45, 39-48.	2.1	18

#	ARTICLE	IF	CITATIONS
37	Application of manure and compost to contaminated soils and its effect on zinc accumulation by <i>Solanum nigrum</i> inoculated with arbuscular mycorrhizal fungi. <i>Environmental Pollution</i> , 2008, 151, 608-620.	3.7	54
38	EDDS and EDTA-enhanced zinc accumulation by <i>Solanum nigrum</i> inoculated with arbuscular mycorrhizal fungi grown in contaminated soil. <i>Chemosphere</i> , 2008, 70, 1002-1014.	4.2	50
39	<i>Solanum nigrum</i> grown in contaminated soil: Effect of arbuscular mycorrhizal fungi on zinc accumulation and histolocalisation. <i>Environmental Pollution</i> , 2007, 145, 691-699.	3.7	62
40	Zinc accumulation in <i>Solanum nigrum</i> is enhanced by different arbuscular mycorrhizal fungi. <i>Chemosphere</i> , 2006, 65, 1256-1263.	4.2	66
41	Different native arbuscular mycorrhizal fungi influence the coexistence of two plant species in a highly alkaline anthropogenic sediment. <i>Plant and Soil</i> , 2006, 287, 209-221.	1.8	41