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List of Publications by Year in descending order

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43
papers

1,361
citations

393982

19
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344852

36
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all docs

44
docs citations

44
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium Accumulation in Sunflower Plants Influenced by Arbuscular Mycorrhiza. <i>International Journal of Phytoremediation</i> , 2008, 10, 1-13.	1.7	123
2	Biochemical and physiological changes in jack bean under mycorrhizal symbiosis growing in soil with increasing Cu concentrations. <i>Environmental and Experimental Botany</i> , 2010, 68, 198-207.	2.0	109
3	Zn uptake, physiological response and stress attenuation in mycorrhizal jack bean growing in soil with increasing Zn concentrations. <i>Chemosphere</i> , 2009, 75, 1363-1370.	4.2	94
4	Influence of lead additions on arbuscular mycorrhiza and Rhizobium symbioses under soybean plants. <i>Applied Soil Ecology</i> , 2004, 26, 123-131.	2.1	82
5	Lead tolerance and phytoremediation potential of Brazilian leguminous tree species at the seedling stage. <i>Journal of Environmental Management</i> , 2012, 110, 299-307.	3.8	79
6	Arbuscular mycorrhiza alters metal uptake and the physiological response of <i>Coffea arabica</i> seedlings to increasing Zn and Cu concentrations in soil. <i>Science of the Total Environment</i> , 2010, 408, 5381-5391.	3.9	70
7	Photosynthesis is induced in rice plants that associate with arbuscular mycorrhizal fungi and are grown under arsenate and arsenite stress. <i>Chemosphere</i> , 2015, 134, 141-149.	4.2	66
8	Arbuscular mycorrhiza confers Pb tolerance in <i>Calopogonium mucunoides</i> . <i>Acta Physiologiae Plantarum</i> , 2012, 34, 523-531.	1.0	62
9	Mycorrhiza influence on maize development under Cd stress and P supply. <i>Brazilian Journal of Plant Physiology</i> , 2008, 20, 39-50.	0.5	58
10	<i>Urochloa</i> in Tropical Agroecosystems. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	56
11	Arbuscular mycorrhizal association in coffee. <i>Journal of Agricultural Science</i> , 2009, 147, 105-115.	0.6	55
12	Association with arbuscular mycorrhizal fungi influences alkaloid synthesis and accumulation in <i>Catharanthus roseus</i> and <i>Nicotiana tabacum</i> plants. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 867-880.	1.0	49
13	Soil types select for plants with matching nutrient acquisition and use traits in hyperdiverse and severely nutrient impoverished <i>campos rupestres</i> and <i>cerrado</i> in Central Brazil. <i>Journal of Ecology</i> , 2019, 107, 1302-1316.	1.9	47
14	Mycorrhizae enhance nitrogen fixation and photosynthesis in phosphorus-starved soybean (<i>Glycine</i>)	2.0	37
15	Root-zone temperature alters alkaloid synthesis and accumulation in <i>Catharanthus roseus</i> and <i>Nicotiana tabacum</i> . <i>Industrial Crops and Products</i> , 2013, 49, 318-325.	2.5	25
16	Cadmium effect on the association of jackbean (<i>Canavalia ensiformis</i>) and arbuscular mycorrhizal fungi. <i>Scientia Agricola</i> , 2005, 62, 389-394.	0.6	25
17	Evaluation of Mycorrhizal Influence on the Development and Phytoremediation Potential of <i>Canavalia Gladiata</i> in Pb-Contaminated Soils. <i>International Journal of Phytoremediation</i> , 2013, 15, 465-476.	1.7	22
18	Plant-Growth Endophytic Bacteria Improve Nutrient Use Efficiency and Modulate Foliar N-Metabolites in Sugarcane Seedling. <i>Microorganisms</i> , 2021, 9, 479.	1.6	22

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19	Arbuscular mycorrhizal symbiosis alters the expression of PHT1 phosphate transporters in roots and nodules of P-starved soybean plants. <i>Theoretical and Experimental Plant Physiology</i> , 2020, 32, 243-253.	1.1	20
20	Zinc toxicity in seedlings of three trees from the Fabaceae associated with arbuscular mycorrhizal fungi. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110450.	2.9	20
21	Fungos micorrízicos arbusculares na formação de mudas de cafeeiro, em substratos orgânicos comerciais. <i>Bragantia</i> , 2006, 65, 649-658.	1.3	19
22	Vellozoid roots allow for habitat specialization among rock- and soil-dwelling Velloziaceae in campos rupestres. <i>Functional Ecology</i> , 2020, 34, 442-457.	1.7	19
23	The Role of Non-Mycorrhizal Fungi in Germination of the Mycoheterotrophic Orchid <i>Pogoniopsis schenckii</i> Cogn.. <i>Frontiers in Plant Science</i> , 2019, 10, 1589.	1.7	17
24	Toxicidade do nêquel em plantas de feijão e efeitos sobre a microbiota do solo. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 1305-1312.	0.9	17
25	Interação de chumbo, da saturação por bases do solo e de micorriza arbuscular no crescimento e nutrição mineral da soja. <i>Revista Brasileira De Ciencia Do Solo</i> , 2003, 27, 945-954.	0.5	16
26	Mycorrhization alters foliar soluble amino acid composition and influences tolerance to Pb in <i>Calopogonium mucunoides</i> . <i>Theoretical and Experimental Plant Physiology</i> , 2014, 26, 211-216.	1.1	16
27	The modulation of sugarcane growth and nutritional profile under aluminum stress is dependent on beneficial endophytic bacteria and plantlet origin. <i>Applied Soil Ecology</i> , 2020, 156, 103715.	2.1	15
28	Biomassa e atividade microbianas do solo sob influência de chumbo e da rizosfera da soja micorrizada. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 1191-1198.	0.9	15
29	Evaluation of sunflower metabolism from zinc and selenium addition to the culture: A comparative metallomic study. <i>International Journal of Mass Spectrometry</i> , 2011, 307, 55-60.	0.7	14
30	Eucalypts and low phosphorus availability: between responsiveness and efficiency. <i>Plant and Soil</i> , 2019, 445, 349-368.	1.8	14
31	Mycorrhizal influence on the growth and bioactive compounds composition of two medicinal plants: <i>Mikania glomerata</i> Spreng. and <i>Mikania laevigata</i> Sch. Bip. ex Baker (Asteraceae). <i>Revista Brasileira De Botanica</i> , 2018, 41, 233-240.	0.5	11
32	Editorial: Intercropping Systems in Sustainable Agriculture. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	11
33	Tolerância e potencial fitorremediador de <i>Stizolobium aterrimum</i> associada ao fungo micorrízico arbuscular <i>Glomus etunicatum</i> em solo contaminado por chumbo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 1441-1451.	0.5	10
34	Fine root-arbuscular mycorrhizal fungi interaction in Tropical Montane Forests: Effects of cover modifications and season. <i>Forest Ecology and Management</i> , 2020, 476, 118478.	1.4	10
35	Phytoremediation Potential of Jack Bean Plant for Multi-Element Contaminated Soils From Ribeira Valley, Brazil. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700321.	0.7	9
36	Split-root, grafting and girdling as experimental tools to study root-to shoot-to root signaling. <i>Environmental and Experimental Botany</i> , 2021, 191, 104631.	2.0	6

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37	Expression of metallothionein genes in coffee leaves in response to the absence or excess of Cu and Zn. <i>Theoretical and Experimental Plant Physiology</i> , 2016, 28, 371-383.	1.1	5
38	Root morphological changes in response to low phosphorus concentration in eucalypt species. <i>Trees - Structure and Function</i> , 2021, 35, 1933-1943.	0.9	5
39	Manganese accumulation and tolerance in <i>Eucalyptus globulus</i> and <i>Corymbia citriodora</i> seedlings under increasing soil Mn availability. <i>New Forests</i> , 2021, 52, 697-711.	0.7	4
40	Alleviation of low phosphorus stress in <i>Eucalyptus grandis</i> by arbuscular mycorrhizal symbiosis and excess Mn. <i>Plant Stress</i> , 2022, 5, 100104.	2.7	4
41	Biotechnological Approaches for Bioremediation: In Vitro Hairy Root Culture. <i>Reference Series in Phytochemistry</i> , 2017, , 597-619.	0.2	2
42	Elicitation of tobacco alkaloid biosynthesis by disrupted spores and filtrate of germinating spores of the arbuscular mycorrhizal fungus <i>Glomus etunicatum</i> . <i>Journal of Plant Interactions</i> , 2013, 8, 162-169.	1.0	1
43	Cadmium Accumulation in a Tropicalized Lettuce Variety Under Overfertilization Simulation. <i>Clean - Soil, Air, Water</i> , 2022, 50, .	0.7	0