# Sara AdriÃ¡n L Andrade

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 1,361 citations | 393982 19 h-index | 344852 36 g-index |
| 44 all docs | 44 docs citations | 44 times ranked | 1585 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cadmium Accumulation in a Tropicalized Lettuce Variety Under Overfertilization Simulation. Clean - Soil, Air, Water, 2022, 50, . | 0.7 | 0 |
| 2 | Alleviation of low phosphorus stress in Eucalyptus grandis by arbuscular mycorrhizal symbiosis and excess Mn. Plant Stress, 2022, 5, 100104. | 2.7 | 4 |
| 3 | Manganese accumulation and tolerance in Eucalyptus globulus and Corymbia citriodora seedlings under increasing soil Mn availability. New Forests, 2021, 52, 697-711. | 0.7 | 4 |
| 4 | Plant-Growth Endophytic Bacteria Improve Nutrient Use Efficiency and Modulate Foliar N-Metabolites in Sugarcane Seedling. Microorganisms, 2021, 9, 479. | 1.6 | 22 |
| 5 | Editorial: Intercropping Systems in Sustainable Agriculture. Frontiers in Sustainable Food Systems, 2021, 5, . | 1.8 | 11 |
| 6 | Root morphological changes in response to low phosphorus concentration in eucalypt species. Trees - Structure and Function, 2021, 35, 1933-1943. | 0.9 | 5 |
| 7 | Split-root, grafting and girdling as experimental tools to study root-to shoot-to root signaling. Environmental and Experimental Botany, 2021, 191, 104631. | 2.0 | 6 |
| 8 | The modulation of sugarcane growth and nutritional profile under aluminum stress is dependent on beneficial endophytic bacteria and plantlet origin. Applied Soil Ecology, 2020, 156, 103715. | 2.1 | 15 |
| 9 | Urochloa in Tropical Agroecosystems. Frontiers in Sustainable Food Systems, 2020, 4, . | 1.8 | 56 |
| 10 | Fine root-arbuscular mycorrhizal fungi interaction in Tropical Montane Forests: Effects of cover modifications and season. Forest Ecology and Management, 2020, 476, 118478. | 1.4 | 10 |
| 11 | Arbuscular mycorrhizal symbiosis alters the expression of PHT1 phosphate transporters in roots and nodules of P-starved soybean plants. Theoretical and Experimental Plant Physiology, 2020, 32, 243-253. | 1.1 | 20 |
| 12 | Vellozioid roots allow for habitat specialization among rockâ€•and soilâ€dwelling Velloziaceae in campos rupestres. Functional Ecology, 2020, 34, 442-457. | 1.7 | 19 |
| 13 | Zinc toxicity in seedlings of three trees from the Fabaceae associated with arbuscular mycorrhizal fungi. Ecotoxicology and Environmental Safety, 2020, 195, 110450. | 2.9 | 20 |
| 14 | Eucalypts and low phosphorus availability: between responsiveness and efficiency. Plant and Soil, 2019, 445, 349-368. | 1.8 | 14 |
| 15 | The Role of Non-Mycorrhizal Fungi in Germination of the Mycoheterotrophic Orchid Pogoniopsis schenckii Cogn.. Frontiers in Plant Science, 2019, 10, 1589. | 1.7 | 17 |
| 16 | Soil types select for plants with matching nutrientâ€acquisition and â€use traits in hyperdiverse and severely nutrientâ€impoverished campos rupestres and cerrado in Central Brazil. Journal of Ecology, 2019, 107, 1302-1316. | 1.9 | 47 |
| 17 | Phytoremediation Potential of Jack Bean Plant for Multiâ€Element Contaminated Soils From Ribeira Valley, Brazil. Clean - Soil, Air, Water, 2018, 46, 1700321. | 0.7 | 9 |
| 18 | Mycorrhizal influence on the growth and bioactive compounds composition of two medicinal plants: Mikania glomerata Spreng. and Mikania laevigata Sch. Bip. ex Baker (Asteraceae). Revista Brasileira De Botanica, 2018, 41, 233-240. | 0.5 | 11 |

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|---|---|---|---|
| 19 | Biotechnological Approaches for Bioremediation: In Vitro Hairy Root Culture. Reference Series in Phytochemistry, 2017, , 597-619. | 0.2 | 2 |
| 20 | Mycorrhizae enhance nitrogen fixation and photosynthesis in phosphorus-starved soybean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 2.0 | 37 |
| 21 | Expression of metallothionein genes in coffee leaves in response to the absence or excess of Cu and Zn. Theoretical and Experimental Plant Physiology, 2016, 28, 371-383. | 1.1 | 5 |
| 22 | Photosynthesis is induced in rice plants that associate with arbuscular mycorrhizal fungi and are grown under arsenate and arsenite stress. Chemosphere, 2015, 134, 141-149. | 4.2 | 66 |
| 23 | Mycorrhization alters foliar soluble amino acid composition and influences tolerance to Pb in Calopogonium mucunoides. Theoretical and Experimental Plant Physiology, 2014, 26, 211-216. | 1.1 | 16 |
| 24 | Association with arbuscular mycorrhizal fungi influences alkaloid synthesis and accumulation in Catharanthus roseus and Nicotiana tabacum plants. Acta Physiologiae Plantarum, 2013, 35, 867-880. | 1.0 | 49 |
| 25 | Root-zone temperature alters alkaloid synthesis and accumulation in Catharanthus roseus and Nicotiana tabacum. Industrial Crops and Products, 2013, 49, 318-325. | 2.5 | 25 |
| 26 | Evaluation of Mycorrhizal Influence on the Development and Phytoremediation Potential ofCanavalia Gladiatain Pb-Contaminated Soils. International Journal of Phytoremediation, 2013, 15, 465-476. | 1.7 | 22 |
| 27 | Elicitation of tobacco alkaloid biosynthesis by disrupted spores and filtrate of germinating spores of the arbuscular mycorrhizal fungiGlomus etunicatum. Journal of Plant Interactions, 2013, 8, 162-169. | 1.0 | 1 |
| 28 | Lead tolerance and phytoremediation potential of Brazilian leguminous tree species at the seedling stage. Journal of Environmental Management, 2012, 110, 299-307. | 3.8 | 79 |
| 29 | Arbuscular mycorrhiza confers Pb tolerance in Calopogonium mucunoides. Acta Physiologiae Plantarum, 2012, 34, 523-531. | 1.0 | 62 |
| 30 | TolerÃ¢ncia e potencial fitorremediador de Stizolobium aterrimum associada ao fungo micorrÃzico arbuscular Glomus etunicatum em solo contaminado por chumbo. Revista Brasileira De Ciencia Do Solo, 2011, 35, 1441-1451. | 0.5 | 10 |
| 31 | Evaluation of sunflower metabolism from zinc and selenium addition to the culture: A comparative metallomic study. International Journal of Mass Spectrometry, 2011, 307, 55-60. | 0.7 | 14 |
| 32 | Arbuscular mycorrhiza alters metal uptake and the physiological response of Coffea arabica seedlings to increasing Zn and Cu concentrations in soil. Science of the Total Environment, 2010, 408, 5381-5391. | 3.9 | 70 |
| 33 | Biochemical and physiological changes in jack bean under mycorrhizal symbiosis growing in soil with increasing Cu concentrations. Environmental and Experimental Botany, 2010, 68, 198-207. | 2.0 | 109 |
| 34 | Zn uptake, physiological response and stress attenuation in mycorrhizal jack bean growing in soil with increasing Zn concentrations. Chemosphere, 2009, 75, 1363-1370. | 4.2 | 94 |
| 35 | Arbuscular mycorrhizal association in coffee. Journal of Agricultural Science, 2009, 147, 105-115. | 0.6 | 55 |
| 36 | Cadmium Accumulation in Sunflower Plants Influenced by Arbuscular Mycorrhiza. International Journal of Phytoremediation, 2008, 10, 1-13. | 1.7 | 123 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Mycorrhiza influence on maize development under Cd stress and P supply. Brazilian Journal of Plant Physiology, 2008, 20, 39-50. | 0.5 | 58 |
| 38 | Fungos micorrÃzicos arbusculares na formaÃ§Ã£o de mudas de cafeeiro, em substratos orgÃ¢nicos comerciais. Bragantia, 2006, 65, 649-658. | 1.3 | 19 |
| 39 | Toxicidade do nÃquel em plantas de feijÃ£o e efeitos sobre a microbiota do solo. Pesquisa Agropecuaria Brasileira, 2006, 41, 1305-1312. | 0.9 | 17 |
| 40 | Cadmium effect on the association of jackbean (Canavalia ensiformis) and arbuscular mycorrhizal fungi. Scientia Agricola, 2005, 62, 389-394. | 0.6 | 25 |
| 41 | Influence of lead additions on arbuscular mycorrhiza and Rhizobium symbioses under soybean plants. Applied Soil Ecology, 2004, 26, 123-131. | 2.1 | 82 |
| 42 | Biomassa e atividade microbianas do solo sob influÃªncia de chumbo e da rizosfera da soja micorrizada. Pesquisa Agropecuaria Brasileira, 2004, 39, 1191-1198. | 0.9 | 15 |
| 43 | InteraÃ§Ã£o de chumbo, da saturaÃ§Ã£o por bases do solo e de micorriza arbuscular no crescimento e nutriÃ§Ã£o mineral da soja. Revista Brasileira De Ciencia Do Solo, 2003, 27, 945-954. | 0.5 | 16 |