

# Lucas Anjos Souza

## List of Publications by Year in descending order

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30  
papers

585  
citations

759233

12  
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610901

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all docs

30  
docs citations

30  
times ranked

841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of <i>Cajanus cajan</i> to excess copper in the soil: tolerance and biomass production. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 1335-1345.	3.1	3
2	Nitrogen and Stem Development: A Puzzle Still to Be Solved. <i>Frontiers in Plant Science</i> , 2021, 12, 630587.	3.6	8
3	Tolerance and phytoremediation potential of <i>Calopogonium mucunoides</i> to boron. <i>Environmental Quality Management</i> , 2021, 30, 27-36.	1.9	4
4	Iron phytostabilization by <i>Leucaena leucocephala</i> . <i>South African Journal of Botany</i> , 2021, 138, 318-327.	2.5	10
5	<i>Lonchocarpus cultratus</i> , a Brazilian savanna tree, endures high soil Pb levels. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50931-50940.	5.3	3
6	Zinc toxicity in seedlings of three trees from the Fabaceae associated with arbuscular mycorrhizal fungi. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110450.	6.0	20
7	Growth, ferulic acid synthesis, and histochemistry of calli of <i>Pouteria caimito</i> (Ruiz & Pav.) Radlk under different light qualities. <i>Research, Society and Development</i> , 2020, 9, .	0.1	0
8	Biomass sorghum hybrids differ in growth and nitrogen use under low bases saturation in sandy soil. <i>Research, Society and Development</i> , 2020, 9, e488996289.	0.1	1
9	Boron phytoremediation: <i>Stizolobium aterrimum</i> is tolerant and can be used for phytomanagement of boron excess in soils. <i>International Journal of Environmental Studies</i> , 2019, 76, 329-337.	1.6	6
10	Characterization of biomass sorghum for copper phytoremediation: photosynthetic response and possibility as a bioenergy feedstock from contaminated land. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 433-441.	3.1	13
11	Estimating tomato tolerance to heavy metal toxicity: cadmium as study case. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27535-27544.	5.3	46
12	Physiological and biochemical responses of <i>Dolichos lablab</i> L. to cadmium support its potential as a cadmium phytoremediator. <i>Journal of Soils and Sediments</i> , 2017, 17, 1413-1426.	3.0	12
13	Dealing with abiotic stresses: an integrative view of how phytohormones control abiotic stress-induced oxidative stress. <i>Theoretical and Experimental Plant Physiology</i> , 2017, 29, 109-127.	2.4	30
14	Expression of the <i>Theobroma cacao</i> Baxâ€œinhibitorâ€œ gene in tomato reduces infection by the hemibiotrophic pathogen <i>Moniliophthora perniciosa</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1101-1112.	4.2	9
15	Glyphosate Effect on Nitrogen Fixation and Metabolization in RR Soybean. <i>Journal of Agricultural Science</i> , 2017, 9, 114.	0.2	3
16	pH effects on nodulation and biological nitrogen fixation in <i>Calopogonium mucunoides</i> . <i>Revista Brasileira De Botanica</i> , 2016, 39, 1015-1020.	1.3	27
17	Changes in soluble amino acid composition during <i>Canavalia ensiformis</i> development: responses to nitrogen deficiency. <i>Theoretical and Experimental Plant Physiology</i> , 2015, 27, 109-117.	2.4	4
18	Antioxidant enzymes activities of <i>Burkholderia</i> spp. strainsâ€œoxidative responses to Ni toxicity. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19922-19932.	5.3	31

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19	Efeito do alumínio sobre compostos nitrogenados em <i>Urochloa</i> spp.. Biotemas, 2014, 27, 33.	0.1	2
20	O nitrato influencia o metabolismo de compostos nitrogenados em calopogônio ( <i>Calopogonium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	4
21	<i>Burkholderia</i> sp. SCMS54 Triggers a Global Stress Defense in Tomato Enhancing Cadmium Tolerance. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	25
22	Mycorrhization alters foliar soluble amino acid composition and influences tolerance to Pb in <i>Calopogonium mucunoides</i> . Theoretical and Experimental Plant Physiology, 2014, 26, 211-216.	2.4	16
23	<i>Burkholderia</i> sp. SCMS54 reduces cadmium toxicity and promotes growth in tomato. Annals of Applied Biology, 2013, 163, 494-507.	2.5	39
24	Evaluation of Mycorrhizal Influence on the Development and Phytoremediation Potential of <i>Canavalia Gladiata</i> in Pb-Contaminated Soils. International Journal of Phytoremediation, 2013, 15, 465-476.	3.1	22
25	Use of non-hyperaccumulator plant species for the phytoextraction of heavy metals using chelating agents. Scientia Agricola, 2013, 70, 290-295.	1.2	94
26	Lead tolerance and phytoremediation potential of Brazilian leguminous tree species at the seedling stage. Journal of Environmental Management, 2012, 110, 299-307.	7.8	79
27	Arbuscular mycorrhiza confers Pb tolerance in <i>Calopogonium mucunoides</i> . Acta Physiologiae Plantarum, 2012, 34, 523-531.	2.1	62
28	Tolerância e potencial fitorremediador de <i>Stizolobium aterrimum</i> associada ao fungo micorrízico arbuscular <i>Glomus etunicatum</i> em solo contaminado por chumbo. Revista Brasileira De Ciencia Do Solo, 2011, 35, 1441-1451.	1.3	10
29	Ecophysiological response of <i>Astronium fraxinifolium</i> (Anacardiaceae) in degraded and non-degraded brazilian Cerrado. Rodriguesia, 0, 72, .	0.9	2
30	<i>Inga uruguensis</i> response to lead: effects on growth and nitrogenous compounds. Rodriguesia, 0, 73, .	0.9	0