

Rilner Alves Flores

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

547
citations

933447

10
h-index

752698

20
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57
all docs

57
docs citations

57
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of the most suitable sampling time for static chambers for the estimation of daily mean N ₂ O flux from soils. <i>Soil Biology and Biochemistry</i> , 2012, 46, 129-135.	8.8	180
2	Yield and quality of elephant grass biomass produced in the cerrados region for bioenergy. <i>Engenharia Agricola</i> , 2012, 32, 831-839.	0.7	34
3	Nutrition and production of <i>Helianthus annuus</i> in a function of application of leaf silicon. <i>Journal of Plant Nutrition</i> , 2019, 42, 137-144.	1.9	23
4	Physiological quality and dry mass production of <i>Sorghum bicolor</i> following silicon (Si) foliar application. <i>Australian Journal of Crop Science</i> , 2018, 12, 631-638.	0.3	21
5	Adubação nitrogenada e idade de corte na produção de matéria seca do capim-elefante no Cerrado. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2012, 16, 1282-1288.	1.1	21
6	Combined Effects of Induced Water Deficit and Foliar Application of Silicon on the Gas Exchange of Tomatoes for Processing. <i>Agronomy</i> , 2020, 10, 1715.	3.0	18
7	Growth and Nutritional Disorders of Eggplant Cultivated in Nutrients Solutions with Suppressed Macronutrients. <i>Journal of Plant Nutrition</i> , 2015, 38, 1097-1109.	1.9	14
8	Silicon Application Increases Biomass Yield in Sunflower by Improving the Photosynthesizing Leaf Area. <i>Silicon</i> , 2022, 14, 275-280.	3.3	14
9	Estado nutricional de mangueiras determinado pelos métodos DRIS e CND. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2013, 17, 11-18.	1.1	13
10	Características químicas do solo e produção de biomassa de alface adubada com compostos orgânicos. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2014, 18, 157-164.	1.1	11
11	Potássio no desenvolvimento inicial da soqueira de cana crua. <i>Pesquisa Agropecuaria Tropical</i> , 2012, 42, 106-111.	1.0	10
12	Potassium nutrition in sugar cane ratoons cultured in red latosol with a conservationist system. <i>Journal of Plant Nutrition</i> , 2016, 39, 315-322.	1.9	10
13	Foliar Fertilization with Boron on the Growth, Physiology, and Yield of Snap Beans. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 917-924.	3.4	10
14	Growth and nutritional disorders of coffee cultivated in nutrient solutions with suppressed macronutrients. <i>Journal of Plant Nutrition</i> , 2016, 39, 1578-1588.	1.9	9
15	Economic viability of <i>Phaseolus vulgaris</i> (BRS Estilo) production in irrigated system in a function of application of leaf boron. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017, 67, 697-704.	0.6	9
16	Nutritional and Visual Diagnosis in Broccoli (<i>Brassica oleracea</i> var. <i>italica</i> L.) Plants: Disorders in Physiological Activity, Nutritional Efficiency and Metabolism of Carbohydrates. <i>Agronomy</i> , 2020, 10, 1572.	3.0	9
17	Nitrogênio e idade de corte na qualidade da biomassa de capimelefante para fins agroenergéticos cultivado em Latossolo. <i>Semina: Ciências Agrárias</i> , 2013, 34, 127-136.	0.3	9
18	Potassium nutrition in the first and second ratoon sugarcane grown in an Oxisol by a conservationist system. <i>Chilean Journal of Agricultural Research</i> , 2014, 74, 83-88.	1.1	8

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19	Macronutrient omission and the development and nutritional status of basil in nutritive solution. <i>Journal of Plant Nutrition</i> , 2016, 39, 1627-1633.	1.9	8
20	Grain yield of <i>Phaseolus vulgaris</i> in a function of application of boron in soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	7
21	Crescimento e desordem nutricional em pimenteira malagueta cultivada em soluções nutritivas suprimidas de macronutrientes. <i>Revista Brasileira de Ciências Agrárias</i> , 2012, 7, 104-110.	0.2	7
22	Growth, nutrition and production of dry matter of rubber tree (<i>Hevea brasiliensis</i>) in function of K fertilization. <i>Australian Journal of Crop Science</i> , 2017, 11, 95-101.	0.3	6
23	Effects of Foliar Silicon Application, Seed Inoculation and Splitting of N Fertilization on Yield, Physiological Quality, and Economic Viability of the Common Bean. <i>Silicon</i> , 0, , 1.	3.3	6
24	Biometric and Physiological Relationships and Yield of Sugarcane in Relation to Soil Application of Potassium. <i>Sugar Tech</i> , 2022, 24, 473-484.	1.8	6
25	Nutrition and Production of <i>Phaseolus vulgaris</i> (BRS estilo) Following Boron Application on Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1409-1416.	1.4	5
26	Common Bean Productivity Following Diverse Boron Applications on Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 725-734.	1.4	5
27	Using Limestone to Improve Soil Fertility and Growth of Mango (<i>Mangifera Indica</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 903-912.	1.4	5
28	Does Nitrogen Application Improve Elephant Grass Yield and Energetic Characteristics of Biofuels?. <i>Bioenergy Research</i> , 2020, 14, 774.	3.9	5
29	Potassium Fertilization in Sugarcane Ratoon Yield Grown in a Tropical Region. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 896-910.	1.4	5
30	Water requirement and crop coefficient of three chickpea cultivars for the edaphoclimatic conditions of the Brazilian savannah biome. <i>Irrigation Science</i> , 2021, 39, 607-616.	2.8	5
31	Does Foliar Application of Silicon under Natural Water Stress Conditions Increase Rice Yield in Subtropical Dry Regions?. <i>Silicon</i> , 2022, 14, 3591-3600.	3.3	5
32	Innovative Soluble Silicon Leaf Source Increase Gas Exchange, Grain Yield and Economic Viability in Common Bean. <i>Silicon</i> , 0, , 1.	3.3	5
33	K Dynamics in the Soil-Plant System for Sugarcane Crops: A Current Field Experiment Under Tropical Conditions. <i>Sugar Tech</i> , 2021, 23, 1247-1257.	1.8	5
34	Crescimento, biomassa e qualidade fisiológica do arroz em função da aplicação foliar de silício. <i>Brazilian Journal of Development</i> , 2020, 6, 18997-19014.	0.1	5
35	Effects of micronutrients application on soybean yield. <i>Australian Journal of Crop Science</i> , 2016, 10, 1092-1097.	0.3	4
36	Development and Nutrition of Soybeans with Macronutrients Deficiencies. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1616-1625.	1.4	4

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37	Transpiration and growth of young African mahogany plants subject to different water regimes. <i>International Journal of Biometeorology</i> , 2020, 64, 1-13.	3.0	4
38	DRIS standards for nutritional evaluation of <i>Phaseolus vulgaris</i> in Cerrado, Goiás state, Brazil. <i>Australian Journal of Crop Science</i> , 2018, 12, 274-280.	0.3	3
39	Physiological quality and grain production of <i>Phaseolus vulgaris</i> (cv. BRS Pãrola) using boron (B) application under irrigation system. <i>Australian Journal of Crop Science</i> , 2019, 13, 520-528.	0.3	3
40	Are Chemical Properties of the Soil Influenced by Cover Crops in the Cerrado/Caatinga Ecotone?. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 89-103.	1.4	3
41	Numerical Modeling of Microfluid Dynamics in Xylem Vessels of <i>Khaya grandifoliola</i> . <i>Water (Switzerland)</i> , 2021, 13, 2723.	2.7	3
42	Growth, nutrition and production of dry matter of Kikuyu Grass (<i>Brachiaria humidicula</i>) as a function of Mn-fertilizer. <i>Australian Journal of Crop Science</i> , 2016, 10, 556-564.	0.3	2
43	Relationship Between Distribution of the Radicular System, Soil Moisture and Yield of Sugarcane Genotypes. <i>Sugar Tech</i> , 2021, 23, 1157-1170.	1.8	2
44	Physical Attributes of Ferralsol in Fertigated Sugarcane Production Environments for Bioethanol in the Midwest of Brazil. <i>Agronomy</i> , 2021, 11, 1641.	3.0	2
45	Does Soil Granulometry Influence Leaching Rates of Potassium Even after Administration of Increasing Irrigation Depths?. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 478-493.	1.4	2
46	Manganese accumulation and dry matter production of Guinea Grass (<i>Panicum maximum</i>) after application of increasing doses of Mn fertilizer. <i>Australian Journal of Crop Science</i> , 2017, 11, 63-70.	0.3	1
47	Does foliar silicon application enhance the biomass yield of millet silage, and does it provide significant economic gains?. <i>Research, Society and Development</i> , 2021, 10, e41610414232.	0.1	1
48	Productivity and gas exchanges of the common bean subjected to inoculation and nitrogen fertilization. <i>Research, Society and Development</i> , 2021, 10, e54910414399.	0.1	0
49	Grain yield and physiological parameters of gas exchange in common bean as a function of copper fertilization. <i>Research, Society and Development</i> , 2021, 10, e42710414234.	0.1	0
50	Physiological quality and biomass production of <i>Pennisetum glaucum</i> as a function of manganese application. <i>Journal of Plant Nutrition</i> , 2021, 44, 2811-2824.	1.9	0
51	Yield and physiological quality of common bean grains as a function of boron application in the soil. <i>Australian Journal of Crop Science</i> , 2021, , 909-917.	0.3	0
52	Produção de <i>Andropogon gayanus</i> consorciado com espécies leguminosas, adubadas com fósforo. <i>Journal of Biotechnology and Biodiversity</i> , 2014, 5, 50-62.	0.1	0
53	Fertilizer containing nitrification inhibitor in tomato cultivation for industrial processing. <i>Ciência</i> , 2018, 46, 66.	0.2	0
54	Production and physiological quality of <i>Pennisetum glaucum</i> after zinc (Zn) application. <i>Australian Journal of Crop Science</i> , 2019, , 1223-1231.	0.3	0

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55	QUALIDADE DE "LEO DE PINHÃO MANSO CULTIVADO SOB DIFERENTES MANEJOS DE ÁGUA E ADUBAÇÃO POTÁSSICA. Irriga, 2019, 24, 817-829.	0.1	0
56	Establishment of DRIS Standards and Indices for Ratoon Cane Production in the Southern Region of Goiás, Brazil. Sugar Tech, 0, , .	1.8	0