

# Renato de Mello Prado

## List of Publications by Year in descending order

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266  
papers

3,297  
citations

279798

23  
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361022

35  
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284  
all docs

284  
docs citations

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times ranked

2054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Application Increases Biomass Yield in Sunflower by Improving the Photosynthesizing Leaf Area. <i>Silicon</i> , 2022, 14, 275-280.	3.3	14
2	Foliar-Applied Silicon in Sorghum ( <i>Sorghum bicolor</i> L.) Alleviate Zinc Deficiency. <i>Silicon</i> , 2022, 14, 281-287.	3.3	13
3	Silicon Supplied Via Roots or Leaves Relieves Potassium Deficiency in Maize Plants. <i>Silicon</i> , 2022, 14, 773-782.	3.3	20
4	Ammonium Toxicity Alleviation by Silicon is Dependent on Cytokinins in Tomato cv. Micro-Tom. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 417-428.	5.1	14
5	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
6	Low absorption of silicon via foliar in comparison to root application has an immediate antioxidant effect in mitigating water deficit damage in sugarcane. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 805-814.	3.5	13
7	Nutritional and Structural Role of Silicon in Attenuating Aluminum Toxicity in Sugarcane Plants. <i>Silicon</i> , 2022, 14, 5041-5055.	3.3	10
8	Cryptochrome 1a of tomato modulates nutritional deficiency responses. <i>Scientia Horticulturae</i> , 2022, 291, 110577.	3.6	3
9	Silicon attenuates potassium and sulfur deficiency by increasing nutrient use efficiency in basil plants. <i>Scientia Horticulturae</i> , 2022, 291, 110616.	3.6	8
10	Na improves the growth of K-deficient but not K-sufficient kale. <i>Food Chemistry</i> , 2022, 370, 131017.	8.2	5
11	Beneficial Effect of Silicon Applied Through Fertigation Attenuates Damage Caused by Water Deficit in Sugarcane. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3255-3270.	5.1	5
12	Biofortification of tomato with stabilized alkaline silicate and silicic acid, nanosilica, and potassium silicate via leaf increased ascorbic acid content and fruit firmness. <i>Journal of Plant Nutrition</i> , 2022, 45, 896-903.	1.9	5
13	Silicon leaf spraying increases biofortification production, ascorbate content and decreases water loss post-harvest from land cress and chicory leaves. <i>Journal of Plant Nutrition</i> , 2022, 45, 1283-1290.	1.9	9
14	Warming and soil water availability affect plant-flower visitor interactions for <i>Stylosanthes capitata</i> , a tropical forage legume. <i>Science of the Total Environment</i> , 2022, 817, 152982.	8.0	5
15	Mitigation of Water Deficit in Two Cultivars of <i>Panicum maximum</i> by the Application of Silicon. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	2.4	6
16	New outcomes on how silicon enables the cultivation of <i>Panicum maximum</i> in soil with water restriction. <i>Scientific Reports</i> , 2022, 12, 1897.	3.3	18
17	Analyzing the Role of Silicon in Leaf C:N:P Stoichiometry and Its Effects on Nutritional Efficiency and Dry Weight Production in Two Sugarcane Cultivars. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 2687-2694.	3.4	6
18	Silicon foliar spraying in the reproductive stage of cotton plays an equivalent role to boron in increasing yield, and combined boron-silicon application, without polymerization, increases fiber quality. <i>Industrial Crops and Products</i> , 2022, 182, 114888.	5.2	12

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19	Nanosilica-mediated plant growth and environmental stress tolerance in plants: mechanisms of action. , 2022, , 325-337.		4
20	Spraying of calcium carbonate nanoparticles on pineapple fruit reduces sunburn damage. South African Journal of Botany, 2022, 148, 643-651.	2.5	5
21	Silicon as a Sustainable Option to Increase Biomass With Less Water by Inducing Carbon:Nitrogen:Phosphorus Stoichiometric Homeostasis in Sugarcane and Energy Cane. Frontiers in Plant Science, 2022, 13, 826512.	3.6	13
22	Silicon mitigates nutritional stress of nitrogen, phosphorus, and calcium deficiency in two forages plants. Scientific Reports, 2022, 12, 6611.	3.3	17
23	Silicon fertigation with appropriate source reduces water requirement of maize under water deficit. Plant and Soil, 2022, 477, 83-97.	3.7	9
24	Foliar Application of Innovative Sources of Silicon in Soybean, Cotton, and Maize. Journal of Soil Science and Plant Nutrition, 2022, 22, 3200-3211.	3.4	6
25	Silicon Alleviates Sodium Toxicity in Sorghum and Sunflower Plants by Enhancing Ionic Homeostasis in Roots and Shoots and Increasing Dry Matter Accumulation. Silicon, 2021, 13, 475-486.	3.3	23
26	Response of Corn Seedlings ( <i>Zea mays</i> L.) to Different Concentrations of Nitrogen in Absence and Presence of Silicon. Silicon, 2021, 13, 813-818.	3.3	13
27	Foliar Spraying of Silicon Associated with Salicylic Acid Increases Silicon Absorption and Peanut Growth. Silicon, 2021, 13, 1269-1275.	3.3	8
28	Water stress and warming impact nutrient use efficiency of Mombasa grass ( <i>Megathyrsus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.5	14
29	Effect of Different Foliar Silicon Sources on Cotton Plants. Journal of Soil Science and Plant Nutrition, 2021, 21, 95-103.	3.4	22
30	How does leaf physiological acclimation impact forage production and quality of a warmed managed pasture of <i>Stylosanthes capitata</i> under different conditions of soil water availability?. Science of the Total Environment, 2021, 759, 143505.	8.0	17
31	Accuracy measures for phosphorus in assessing the nutritional status of sugarcane using the comprehensive integrated diagnosis and recommendation system (DRIS). Journal of Plant Nutrition, 2021, 44, 1287-1299.	1.9	3
32	Modeling formulas of the comprehensive diagnosis and recommendation system (DRIS) for phosphorus in sugarcane. Journal of Plant Nutrition, 2021, 44, 1316-1329.	1.9	2
33	Changes in soil water availability and air-temperature impact biomass allocation and C:N:P stoichiometry in different organs of <i>Stylosanthes capitata</i> Vogel. Journal of Environmental Management, 2021, 278, 111540.	7.8	22
34	Phosphorus Sources Combined with Doses of Organic Compost Increased the Population of Soil Microorganisms and P Level in the Soil and Plant and the Dry Matter of Sugarcane. Sugar Tech, 2021, 23, 130-138.	1.8	2
35	Are Nanosilica, Potassium Silicate and New Soluble Sources of Silicon Effective for Silicon Foliar Application to Soybean and Rice Plants?. Silicon, 2021, 13, 3217-3228.	3.3	14
36	Physiological response and earliness of soybean genotypes to soil base saturation conditions. Journal of Agronomy and Crop Science, 2021, 207, 163-169.	3.5	4

#	ARTICLE	IF	CITATIONS
37	Potentially Toxic Metals. , 2021, , 263-278.		1
38	Introduction to Plant Nutrition. , 2021, , 1-38.		3
39	Visual and Leaf Diagnosis. , 2021, , 279-312.		0
40	Silicon attenuates calcium deficiency by increasing ascorbic acid content, growth and quality of cabbage leaves. Scientific Reports, 2021, 11, 1770.	3.3	26
41	Mineral nutrition of tropical plants. , 2021, , .		50
42	Molybdenum. , 2021, , 235-242.		0
43	Foliar Ion Uptake. , 2021, , 61-68.		0
44	Interactions Between Nutrients. , 2021, , 313-323.		0
45	CRESCIMENTO DA SOQUEIRA DA CANA-DE-ALCANTARA EM RELAÇÃO AO ADUBAMENTO NITROGENADA ASSOCIADA AO USO DE CORRETIVOS. Acta Tecnológica, 2021, 14, 47-56.	0.1	0
46	Si fertigation attenuates water stress in forages by modifying carbon stoichiometry, favouring physiological aspects. Journal of Agronomy and Crop Science, 2021, 207, 631-643.	3.5	18
47	ESTADO NUTRICIONAL DA CANA-DE-ALCANTARA EM FUNÇÃO DA APLICAÇÃO DE NITROGÊNIO E SILÍCIO. Acta Tecnológica, 2021, 15, 27-38.	0.1	0
48	A Novel Technology for Processing Urban Waste Compost as a Fast-Releasing Nitrogen Source to Improve Soil Properties and Broccoli and Lettuce Production. Waste and Biomass Valorization, 2021, 12, 6191-6203.	3.4	5
49	Biological aspects of the two-spotted spider mite on strawberry plants under silicon application. Horticultura Brasileira, 2021, 39, 5-10.	0.5	4
50	Silicon fertigation and salicylic acid foliar spraying mitigate ammonium deficiency and toxicity in Eucalyptus spp. clonal seedlings. PLoS ONE, 2021, 16, e0250436.	2.5	8
51	Does foliar silicon application enhance the biomass yield of millet silage, and does it provide significant economic gains?. Research, Society and Development, 2021, 10, e41610414232.	0.1	1
52	Silicon attenuates abiotic stress caused by ammonium toxicity but not nitrogen deficiency in cotton plants. Journal of Agronomy and Crop Science, 2021, 207, 774-781.	3.5	4
53	Association of Root and Leaf Silicon Application Decreases the C/Si Ratio, Increasing Carbon Gain and Dry Mass Production in Peanut Plants. Communications in Soil Science and Plant Analysis, 2021, 52, 2349-2357.	1.4	4
54	Macronutrient deficiency in cucumber plants: impacts in nutrition, growth and symptoms. Journal of Plant Nutrition, 2021, 44, 2609-2626.	1.9	10

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55	Elucidating the action mechanisms of silicon in the mitigation of phosphorus deficiency and enhancement of its response in sorghum plants. <i>Journal of Plant Nutrition</i> , 2021, 44, 2572-2582.	1.9	17
56	Silicon modifies C:N:P stoichiometry, and increases nutrient use efficiency and productivity of quinoa. <i>Scientific Reports</i> , 2021, 11, 9893.	3.3	21
57	Feasibility of Silicon Addition to Boron Foliar Spraying in Cauliflowers. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2448-2455.	3.4	1
58	Nutritional deficiency in scarlet eggplant limits its growth by modifying the absorption and use efficiency of macronutrients. <i>PLoS ONE</i> , 2021, 16, e0252866.	2.5	5
59	Response of photomorphogenic tomato mutants to nutrient omissions. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	1
60	Silicon attenuates calcium deficiency in rocket plants by increasing the production of non-enzymatic antioxidants compounds. <i>Scientia Horticulturae</i> , 2021, 285, 110169.	3.6	9
61	Response of orange seedlings to the proportion of nitrate-ammonium in the nutrient solution and the benefits of phosphorus in ammonia toxicity. <i>Scientia Horticulturae</i> , 2021, 285, 110166.	3.6	8
62	Silicon mitigates nutritional stress in quinoa ( <i>Chenopodium quinoa</i> Willd.). <i>Scientific Reports</i> , 2021, 11, 14665.	3.3	20
63	Silicon via nutrient solution modulates deficient and sufficient manganese sugar and energy cane antioxidant systems. <i>Scientific Reports</i> , 2021, 11, 16900.	3.3	15
64	Silicon attenuates the effects of water deficit in sugarcane by modifying physiological aspects and C:N:P stoichiometry and its use efficiency. <i>Agricultural Water Management</i> , 2021, 255, 107006.	5.6	16
65	Effects of silicon fertigation on dry matter production and crude protein contents of a pasture. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3402-3413.	3.4	6
66	Phosphorus Dynamics in Sugarcane Fertilized With Filter Cake and Mineral Phosphate Sources. <i>Frontiers in Soil Science</i> , 2021, 1, .	2.2	0
67	Tomato phytochromes $\text{B1}$ and $\text{B2}$ are part of the responses to the nutritional stress induced by $\text{NPK}$ deficiency. <i>Physiologia Plantarum</i> , 2021, 173, 2238-2247.	5.2	3
68	ATRIBUTOS QUÍMICOS DO SOLO EM RESPOSTA DA SOQUEIRA DA CANA-DE-ÁCARO E APLICAÇÃO DE NITROGÊNIO E SILÍCIO. <i>Acta Tecnológica</i> , 2021, 14, 67-78.	0.1	0
69	Ion Uptake by Roots. , 2021, , 39-60.		0
70	Sulfur. , 2021, , 99-112.		0
71	Water deficit modifies C:N:P stoichiometry affecting sugarcane and energy cane yield and its relationships with silicon supply. <i>Scientific Reports</i> , 2021, 11, 20916.	3.3	14
72	Silicon supplied via foliar application and root to attenuate potassium deficiency in common bean plants. <i>Scientific Reports</i> , 2021, 11, 19690.	3.3	15

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73	10Boron Is Mobile in Cowpea Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 717219.	3.6	1
74	Are the interaction effects of warming and drought on nutritional status and biomass production in a tropical forage legume greater than their individual effects?. <i>Planta</i> , 2021, 254, 104.	3.2	0
75	Role of Silicon and Salicylic Acid in the Mitigation of Nitrogen Deficiency Stress in Rice Plants. <i>Silicon</i> , 2020, 12, 997-1005.	3.3	41
76	Leaf Spraying of Manganese with Silicon Addition Is Agronomically Viable for Corn and Sorghum Plants. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 872-880.	3.4	21
77	Silicon in Pre-sprouted Sugarcane Seedlings Mitigates the Effects of Water Deficit After Transplanting. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 849-859.	3.4	37
78	DRIS norms and limiting nutrients in banana cultivation in the South of Ecuador. <i>Journal of Plant Nutrition</i> , 2020, 43, 2785-2796.	1.9	18
79	Different methods of silicon application attenuate salt stress in sorghum and sunflower by modifying the antioxidative defense mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110964.	6.0	35
80	AMMONIA TOXICITY AFFECT CATIONS UPTAKE AND GROWTH IN PAPAYA PLANTS INCLUSIVE WITH SILICON ADDITION. <i>Acta Biologica Colombiana</i> , 2020, 25, 345-353.	0.4	10
81	Silicon changes C:N:P stoichiometry of sugarcane and its consequences for photosynthesis, biomass partitioning and plant growth. <i>Scientific Reports</i> , 2020, 10, 12492.	3.3	49
82	The auxin-resistant dgt tomato mutant grows less than the wild type but is less sensitive to ammonium toxicity and nitrogen deficiency. <i>Journal of Plant Physiology</i> , 2020, 252, 153243.	3.5	2
83	Silicon Contribution Via Nutrient Solution in Forage Plants to Mitigate Nitrogen, Potassium, Calcium, Magnesium, and Sulfur Deficiency. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1532-1548.	3.4	42
84	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
85	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
86	Exogenous silicon and salicylic acid applications improve tolerance to boron toxicity in field pea cultivars by intensifying antioxidant defence systems. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110778.	6.0	32
87	Warming Change Nutritional Status and Improve <i>Stylosanthes capitata</i> Vogel Growth Only Under Well-Watered Conditions. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1838-1847.	3.4	12
88	Silicon toxicity induced by different concentrations and sources added to in vitro culture of epiphytic orchids. <i>Scientia Horticulturae</i> , 2020, 265, 109272.	3.6	9
89	Physiological role of silicon in radish seedlings under ammonium toxicity. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5637-5644.	3.5	17
90	Nitrogen concentrations and proportions of ammonium and nitrate in the nutrition and growth of yellow passion fruit seedlings. <i>Journal of Plant Nutrition</i> , 2020, 43, 2533-2547.	1.9	15

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91	Macronutrient deficiency in snap bean considering physiological, nutritional, and growth aspects. PLoS ONE, 2020, 15, e0234512.	2.5	13
92	Silicon Increases Leaf Chlorophyll Content and Iron Nutritional Efficiency and Reduces Iron Deficiency in Sorghum Plants. Journal of Soil Science and Plant Nutrition, 2020, 20, 1311-1320.	3.4	37
93	Elevated CO <sub>2</sub> and warming change the nutrient status and use efficiency of Panicum maximum Jacq. PLoS ONE, 2020, 15, e0223937.	2.5	12
94	Elevated [CO <sub>2</sub> ] and warming increase the macronutrient use efficiency and biomass of <i>Stylosanthes capitata</i> Vogel under field conditions. Journal of Agronomy and Crop Science, 2020, 206, 597-606.	3.5	14
95	Oxidative Stress, Nutritional Disorders, and Gas Exchange in Lettuce Plants Subjected to Two Selenium Sources. Journal of Soil Science and Plant Nutrition, 2020, 20, 1215-1228.	3.4	15
96	Tentative zinc biofortification of banana fruit via bunch spray and bunch stalk feeding. International Journal of Food Science and Technology, 2020, 55, 2893-2900.	2.7	2
97	Accuracy of nutritional diagnostics for phosphorus considering five standards by the method of diagnosing nutritional composition in sugarcane. Journal of Plant Nutrition, 2020, 43, 1485-1497.	1.9	11
98	Leaf analysis as diagnostic tool for balanced fertilization in tropical fruits. , 2020, , 131-143.		6
99	Silicon mitigates ammonium toxicity in plants. Agronomy Journal, 2020, 112, 635-647.	1.8	29
100	Silicon spraying alleviates calcium deficiency in tomato plants, but Ca-EDTA is toxic. Journal of Plant Nutrition and Soil Science, 2020, 183, 659-664.	1.9	15
101	Response of Pre-sprouted Sugarcane Seedlings to Foliar Spraying of Potassium Silicate, Sodium and Potassium Silicate, Nanosilica and Monosilicic Acid. Sugar Tech, 2020, 22, 773-781.	1.8	17
102	Silicon application induces changes C:N:P stoichiometry and enhances stoichiometric homeostasis of sorghum and sunflower plants under salt stress. Saudi Journal of Biological Sciences, 2020, 27, 3711-3719.	3.8	24
103	Root- and foliar-applied silicon modifies C: N: P ratio and increases the nutritional efficiency of pre-sprouted sugarcane seedlings under water deficit. PLoS ONE, 2020, 15, e0240847.	2.5	29
104	Salt stress alleviation by seed priming with silicon in lettuce seedlings: an approach based on enhancing antioxidant responses. Bragantia, 2020, 79, 19-29.	1.3	30
105	Silicon increases chlorophyll and photosynthesis and improves height and NDVI of cotton ( <i>Gossypium</i> ) Tj ETQq1 1 0,784314 µgBT /Over	0,1	
106	Crescimento, biomassa e qualidade fisiológica do arroz em função da aplicação foliar de silício. Brazilian Journal of Development, 2020, 6, 18997-19014.	0.1	5
107	Desarrollo de la mancha foliar por <i>Bipolaris maydis</i> (teleomorfo: <i>Cochliobolus heterostrophus</i> ) en maíz dulce, en función de nitrógeno, potasio y silicio en invernadero. Ciencia Tecnología Agropecuaria, 2020, 21, 1-15.	0.3	2
108	Foliar sources of boron and manganese in soybean and zinc plants in corn plants complexed with polyols in nutritional status and in production. Idesia, 2020, 38, 97-105.	0.3	3

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109	Low auxin sensitivity of diageotropica tomato mutant alters nitrogen deficiency response. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20190254.	0.8	4
110	Aplicação de silício aumenta a produtividade de grãos de amendoim. South American Sciences, 2020, 1, e2046.	0.0	0
111	Biomass accumulation, extraction and nutrient use efficiency by cover crops. Research, Society and Development, 2020, 9, e9969109433.	0.1	2
112	Silicon mitigates ammonium toxicity in yellow passionfruit seedlings. Chilean Journal of Agricultural Research, 2019, 79, 425-434.	1.1	17
113	Silicon attenuates sodium toxicity by improving nutritional efficiency in sorghum and sunflower plants. Plant Physiology and Biochemistry, 2019, 142, 224-233.	5.8	54
114	Silicon mitigates boron deficiency and toxicity in cotton cultivated in nutrient solution. Journal of Plant Nutrition and Soil Science, 2019, 182, 805-814.	1.9	39
115	Efficiency of the CL, DRIS and CND Methods in Assessing the Nutritional Status of Eucalyptus spp. Rooted Cuttings. Forests, 2019, 10, 786.	2.1	14
116	Different Sources of Silicon by Foliar Spraying on the Growth and Gas Exchange in Sorghum. Journal of Soil Science and Plant Nutrition, 2019, 19, 948-953.	3.4	35
117	Silicon Leaf Fertilization Promotes Biofortification and Increases Dry Matter, Ascorbate Content, and Decreases Post-Harvest Leaf Water Loss of Chard and Kale. Communications in Soil Science and Plant Analysis, 2019, 50, 164-172.	1.4	19
118	Silicon and salicylic acid in the physiology and yield of cotton. Journal of Plant Nutrition, 2019, 42, 458-465.	1.9	24
119	Short-term warming and water stress affect Panicum maximum Jacq. stoichiometric homeostasis and biomass production. Science of the Total Environment, 2019, 681, 267-274.	8.0	59
120	Silicon Supplementation Alleviates Ammonium Toxicity in Sugar Beet (Beta vulgaris L.). Journal of Soil Science and Plant Nutrition, 2019, 19, 413-419.	3.4	47
121	Effects of foliar spraying with new zinc sources on rice seed enrichment, nutrition, and productivity. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 511-515.	0.6	2
122	Silicon Mitigates Manganese Deficiency Stress by Regulating the Physiology and Activity of Antioxidant Enzymes in Sorghum Plants. Journal of Soil Science and Plant Nutrition, 2019, 19, 524-534.	3.4	45
123	Nutrition and production of <i>Helianthus annuus</i> in a function of application of leaf silicon. Journal of Plant Nutrition, 2019, 42, 137-144.	1.9	23
124	Amplification of gibberellins response in tomato modulates calcium metabolism and blossom end rot occurrence. Scientia Horticulturae, 2019, 246, 498-505.	3.6	9
125	Warming and water deficit impact leaf photosynthesis and decrease forage quality and digestibility of a C4 tropical grass. Physiologia Plantarum, 2019, 165, 383-402.	5.2	64
126	Effect of silicon on protein and lignin contents of two annual flower species. Ornamental Horticulture, 2019, 25, 293-298.	1.0	2



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127	Growth and Nutritional Efficiency of Watermelon Plants Grown under Macronutrient Deficiencies. Hortscience: A Publication of the American Society for Horticultural Science, 2019, 54, 738-742.	1.0	11
128	Nutritional Disorders of Macronutrients in <i>Bletia catenulata</i> . Hortscience: A Publication of the American Society for Horticultural Science, 2019, 54, 1836-1839.	1.0	2
129	Toxicity of Salicylic Acid in <i>Cymbidium atropurpureo</i> and <i>Phalaenopsis Golden Peoker</i> Cultivated In Vitro. Hortscience: A Publication of the American Society for Horticultural Science, 2019, 54, 344-347.	1.0	0
130	Using Limestone to Improve Soil Fertility and Growth of Mango ( <i>Mangifera Indica</i> L.). Communications in Soil Science and Plant Analysis, 2018, 49, 903-912.	1.4	5
131	Accompanying ions of ammonium sources and nitrate : ammonium ratios in tomato plants. Journal of Plant Nutrition and Soil Science, 2018, 181, 382-387.	1.9	9
132	Reactive natural phosphate enriched with filter cake enhances soil P content and noni seedlings growth. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2018, 68, 1-4.	0.6	0
133	Surface Application of Lime on a Guava Orchard in Production. Revista Brasileira De Ciencia Do Solo, 2018, 42, .	1.3	10
134	Effects of Soluble Silicate and Nanosilica Application on Rice Nutrition in an Oxisol. Pedosphere, 2018, 28, 597-606.	4.0	20
135	Effects of Boron Omission and Foliar Fertilization on Nutrition Efficiency and Production of Cowpea. Hortscience: A Publication of the American Society for Horticultural Science, 2018, 53, 1683-1688.	1.0	1
136	Impact of Nitrate and Ammonium ratio on Nutrition and Growth of two Epiphytic Orchids. Anais Da Academia Brasileira De Ciencias, 2018, 90, 3423-3431.	0.8	7
137	Silicon and salicylic acid promote different responses in legume plants. Journal of Plant Nutrition, 2018, 41, 2116-2125.	1.9	13
138	Physiological quality and dry mass production of <i>Sorghum bicolor</i> following silicon (Si) foliar application. Australian Journal of Crop Science, 2018, 12, 631-638.	0.3	21
139	Silicon foliar application on nutrition and growth of <i>Phalaenopsis</i> and <i>Dendrobium</i> orchids. Scientia Horticulturae, 2018, 241, 83-92.	3.6	21
140	Filter cake in industrial quality and in the physiological and acid phosphatase activities in cane-plant. Industrial Crops and Products, 2017, 105, 133-141.	5.2	12
141	Silicon alleviates ammonium toxicity in cauliflower and in broccoli. Scientia Horticulturae, 2017, 225, 743-750.	3.6	42
142	Development and Nutrition of Soybeans with Macronutrients Deficiencies. Communications in Soil Science and Plant Analysis, 2017, 48, 1616-1625.	1.4	4
143	Relation of Toxicity in Corn Seeds Treated with Zinc and Salicylic Acid. Communications in Soil Science and Plant Analysis, 2017, 48, 1123-1131.	1.4	1
144	Relationships between Doses and Application Methods of Phosphorus and Corn Nutrition Status and Grain Yield. Communications in Soil Science and Plant Analysis, 2017, 48, 2402-2411.	1.4	4

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145	Phosphorus fertilization in sugarcane cultivation under different soil managements. Revista Brasileira De Engenharia Agrícola E Ambiental, 2017, 21, 665-669.	1.1	2
146	Response of radish seedlings ( Raphanus sativus L.) to different concentrations of ammoniacal nitrogen in absence and presence of silicon. Agronomia Colombiana, 2017, 35, 198-204.	0.5	12
147	Effect of nitrogen fertilization on productivity and quality of Mombasa forage (Megathyrus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	6
148	Response of sugarcane ratoon to nitrogen without and with the application of silicon. Journal of Plant Nutrition, 2016, 39, 793-803.	1.9	10
149	Growth and nutritional disorders of coffee cultivated in nutrient solutions with suppressed macronutrients. Journal of Plant Nutrition, 2016, 39, 1578-1588.	1.9	9
150	Mitigation of ammonium toxicity by silicon in tomato depends on the ammonium concentration. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 483-488.	0.6	13
151	Macronutrient omission and the development and nutritional status of basil in nutritive solution. Journal of Plant Nutrition, 2016, 39, 1627-1633.	1.9	8
152	Potassium nutrition in sugar cane ratoons cultured in red latosol with a conservationist system. Journal of Plant Nutrition, 2016, 39, 315-322.	1.9	10
153	Absorption of nutrients, growth and nutritional disorders resulting from ammonium toxicity in rice and spinach plants. Emirates Journal of Food and Agriculture, 2016, 28, 882.	1.0	10
154	Boron doses applied to soil during coffee development. Comunicata Scientiae, 2016, 7, 49.	0.4	3
155	Effect of potassium on nutritional status and productivity of peanuts in succession with sugar cane. Journal of Soil Science and Plant Nutrition, 2015, , 0-0.	3.4	9
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