Renato de Mello Prado

List of Publications by Year
in descending order

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266 papers	3,297 citations	279798 23 h-index	361022 35 g-index
284 all docs	284 docs citations	284 times ranked	2054 citing authors

#	Article	IF	Citations
1	Filter Cake and Vinasse as Fertilizers Contributing to Conservation Agriculture. Applied and Environmental Soil Science, 2013, 2013, 1-8.	1.7	127
2	Sistemas de colheita e manejo da palhada de cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2005, 40, 271-278.	0.9	78
3	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
4	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
5	Silicon attenuates sodium toxicity by improving nutritional efficiency in sorghum and sunflower plants. Plant Physiology and Biochemistry, 2019, 142, 224-233.	5.8	54
6	Mineral nutrition of tropical plants. , 2021, , .		50
7	Silicon changes C:N:P stoichiometry of sugarcane and its consequences for photosynthesis, biomass partitioning and plant growth. Scientific Reports, 2020, 10, 12492.	3.3	49
8	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
9	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
10	Silicon alleviates ammonium toxicity in cauliflower and in broccoli. Scientia Horticulturae, 2017, 225, 743-750.	3.6	42
11	Silicon Contribution Via Nutrient Solution in Forage Plants to Mitigate Nitrogen, Potassium, Calcium, Magnesium, and Sulfur Deficiency. Journal of Soil Science and Plant Nutrition, 2020, 20, 1532-1548.	3.4	42
12	Role of Silicon and Salicylic Acid in the Mitigation of Nitrogen Deficiency Stress in Rice Plants. Silicon, 2020, 12, 997-1005.	3.3	41
13	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
14	Silicon in Pre-sprouted Sugarcane Seedlings Mitigates the Effects of Water Deficit After Transplanting. Journal of Soil Science and Plant Nutrition, 2020, 20, 849-859.	3.4	37
15	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
16	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
17	Different methods of silicon application attenuate salt stress in sorghum and sunflower by modifying the antioxidative defense mechanism. Ecotoxicology and Environmental Safety, 2020, 203, 110964.	6.0	35
18	Efeito residual da escÃ³ria de siderurgia como corretivo de acidez do solo na soqueira de cana-de-aÃ§Ãºcar. Revista Brasileira De Ciencia Do Solo, 2003, 27, 287-296.	1.3	33

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19	Exogenous silicon and salicylic acid applications improve tolerance to boron toxicity in field pea cultivars by intensifying antioxidant defence systems. Ecotoxicology and Environmental Safety, 2020, 201, 110778.	6.0	32
20	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
21	Resposta de soqueiras de cana-de-aÃ§Ãºcar Ã aplicaÃ§Ã£o de nitrogÃªnio em sistema de colheita sem queima. Bragantia, 2008, 67, 951-959.	1.3	29
22	Silicon mitigates ammonium toxicity in plants. Agronomy Journal, 2020, 112, 635-647.	1.8	29
23	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
24	Efeitos da calagem na fertilidade do solo e na nutriÃ§Ã£o e produtividade da goiabeira. Revista Brasileira De Ciencia Do Solo, 2007, 31, 1475-1485.	1.3	29
25	Silicon attenuates calcium deficiency by increasing ascorbic acid content, growth and quality of cabbage leaves. Scientific Reports, 2021, 11, 1770.	3.3	26
26	AplicaÃ§Ã£o de potÃ¡ssio no estado nutricional e na produÃ§Ã£o de matÃ©ria seca de mudas de maracujazeiro-amarelo. Revista Brasileira De Fruticultura, 2004, 26, 295-299.	0.5	24
27	Silicon and salicylic acid in the physiology and yield of cotton. Journal of Plant Nutrition, 2019, 42, 458-465.	1.9	24
28	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
29	EscÃ³ria de siderurgia e calcÃ¡rio na correÃ§Ã£o da acidez do solo cultivado com cana-de-aÃ§Ãºcar em vaso. Scientia Agricola, 2000, 57, 739-744.	1.2	23
30	Nutrition and production of Helianthus annuus in a function of application of leaf silicon. Journal of Plant Nutrition, 2019, 42, 137-144.	1.9	23
31	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
32	Desenvolvimento e estado nutricional da beterraba em funÃ§Ã£o da omisÃ£o de nutrientes. Horticultura Brasileira, 2008, 26, 292-295.	0.5	22
33	Effect of Different Foliar Silicon Sources on Cotton Plants. Journal of Soil Science and Plant Nutrition, 2021, 21, 95-103.	3.4	22
34	Changes in soil water availability and air-temperature impact biomass allocation and C:N:P stoichiometry in different organs of Stylosanthes capitata Vogel. Journal of Environmental Management, 2021, 278, 111540.	7.8	22
35	Physiological quality and dry mass production of Sorghum bicolor following silicon (Si) foliar application. Australian Journal of Crop Science, 2018, 12, 631-638.	0.3	21
36	Silicon foliar application on nutrition and growth of Phalaenopsis and Dendrobium orchids. Scientia Horticulturae, 2018, 241, 83-92.	3.6	21

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37	Leaf Spraying of Manganese with Silicon Addition Is Agronomically Viable for Corn and Sorghum Plants. Journal of Soil Science and Plant Nutrition, 2020, 20, 872-880.	3.4	21
38	Silicon modifies C:N:P stoichiometry, and increases nutrient use efficiency and productivity of quinoa. Scientific Reports, 2021, 11, 9893.	3.3	21
39	AdubaÃ§Ã£o nitrogenada e idade de corte na produÃ§Ã£o de matÃ©ria seca do capim-elefante no Cerrado. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 1282-1288.	1.1	21
40	Calagem na nutriÃ§Ã£o de cÃ¡lcio e no desenvolvimento do sistema radicular da goiabeira. Pesquisa Agropecuaria Brasileira, 2004, 39, 1007-1012.	0.9	20
41	Response of Sugarcane in a Red Ultisol to Phosphorus Rates, Phosphorus Sources, and Filter Cake. Scientific World Journal, The, 2015, 2015, 1-10.	2.1	20
42	Effects of Soluble Silicate and Nanosilica Application on Rice Nutrition in an Oxisol. Pedosphere, 2018, 28, 597-606.	4.0	20
43	Silicon Supplied Via Roots or Leaves Relieves Potassium Deficiency in Maize Plants. Silicon, 2022, 14, 773-782.	3.3	20
44	Silicon mitigates nutritional stress in quinoa (Chenopodium quinoa Willd.). Scientific Reports, 2021, 11, 14665.	3.3	20
45	AcÃºmulo de massa seca e marcha de absorÃ§Ã£o de nutrientes em mudas de goiabeira 'Pedro Sato'. Bragantia, 2008, 67, 577-585.	1.3	20
46	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
47	AlteraÃ§Ãµes anatÃ´micas induzidas pelo cÃ¡lcio na parede celular de frutos de goiabeira. Pesquisa Agropecuaria Brasileira, 2005, 40, 1239-1242.	0.9	18
48	DRIS norms and limiting nutrients in banana cultivation in the South of Ecuador. Journal of Plant Nutrition, 2020, 43, 2785-2796.	1.9	18
49	Combined Effects of Induced Water Deficit and Foliar Application of Silicon on the Gas Exchange of Tomatoes for Processing. Agronomy, 2020, 10, 1715.	3.0	18
50	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
51	New outcomes on how silicon enables the cultivation of Panicum maximum in soil with water restriction. Scientific Reports, 2022, 12, 1897.	3.3	18
52	Resposta de mudas de goiabeira Ã aplicaÃ§Ã£o de zinco. Revista Brasileira De Fruticultura, 2002, 24, 770-773.	0.5	17
53	Resposta de mudas de goiabeira Ã aplicaÃ§Ã£o de escÃ³ria de siderurgia como corretivo de acidez do solo. Revista Brasileira De Fruticultura, 2003, 25, 160-163.	0.5	17
54	FÃ³sforo na nutriÃ§Ã£o e produÃ§Ã£o de mudas de maracujazeiro. Acta Scientiarum - Agronomy, 2005, 27, 493.	0.6	17

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55	Silicon mitigates ammonium toxicity in yellow passionfruit seedlings. Chilean Journal of Agricultural Research, 2019, 79, 425-434.	1.1	17
56	Physiological role of silicon in radish seedlings under ammonium toxicity. Journal of the Science of Food and Agriculture, 2020, 100, 5637-5644.	3.5	17
57	How does leaf physiological acclimation impact forage production and quality of a warmed managed pasture of Stylosanthes capitata under different conditions of soil water availability?. Science of the Total Environment, 2021, 759, 143505.	8.0	17
58	Elucidating the action mechanisms of silicon in the mitigation of phosphorus deficiency and enhancement of its response in sorghum plants. Journal of Plant Nutrition, 2021, 44, 2572-2582.	1.9	17
59	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
60	AplicaÃ§Ã£o de zinco via sementes e seu efeito na germinaÃ§Ã£o, nutriÃ§Ã£o e desenvolvimento inicial do sorgo. Pesquisa Agropecuaria Brasileira, 2006, 41, 655-660.	0.9	17
61	Silicon mitigates nutritional stress of nitrogen, phosphorus, and calcium deficiency in two forages plants. Scientific Reports, 2022, 12, 6611.	3.3	17
62	AlteraÃ§Ãµes na cor e no grau de floculaÃ§Ã£o de um Latossolo Vermelho-Escuro sob cultivo contÃnuo de cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2001, 36, 197-203.	0.9	16
63	AvaliaÃ§Ã£o da escÃ³ria de siderurgia e de calcÃ¡rios como corretivos da acidez do solo no cultivo da alface. Pesquisa Agropecuaria Brasileira, 2002, 37, 539-546.	0.9	16
64	Soilâ€Liming Effects on the Development and Nutritional Status of the Carambola Tree and Its Fruitâ€Yielding Capacity. Communications in Soil Science and Plant Analysis, 2007, 38, 493-511.	1.4	16
65	Silicon attenuates the effects of water deficit in sugarcane by modifying physiological aspects and C:N:P stoichiometry and its use efficiency. Agricultural Water Management, 2021, 255, 107006.	5.6	16
66	Efeito da escÃ³ria de siderurgia e calcÃ¡rio na disponibilidade de fÃ³sforo de um Latossolo Vermelho-Amarelo cultivado com cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2001, 36, 1199-1204.	0.9	16
67	CalcÃ¡rio e escÃ³ria de siderurgia avaliados por anÃ¡lise foliar, acÃºmulo, e exportaÃ§Ã£o de macronutrientes em cana-de-aÃ§Ãºcar. Scientia Agricola, 2002, 59, 129-135.	1.2	15
68	Nitrogen concentrations and proportions of ammonium and nitrate in the nutrition and growth of yellow passion fruit seedlings. Journal of Plant Nutrition, 2020, 43, 2533-2547.	1.9	15
69	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
70	Silicon via nutrient solution modulates deficient and sufficient manganese sugar and energy cane antioxidant systems. Scientific Reports, 2021, 11, 16900.	3.3	15
71	Silicon spraying alleviates calcium deficiency in tomato plants, butÂCaâ€EDTA is toxic. Journal of Plant Nutrition and Soil Science, 2020, 183, 659-664.	1.9	15
72	Silicon supplied via foliar application and root to attenuate potassium deficiency in common bean plants. Scientific Reports, 2021, 11, 19690.	3.3	15

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73	Manejo de palhada de cana colhida sem queima, produtividade do canavial e qualidade do caldo. Ciencia Rural, 2005, 35, 1062-1068.	0.5	14
74	AdubaÃ§Ã£o nitrogenada e potÃ¡ssica no estado nutricional de mudas de maracujazeiro-amarelo. Acta Scientiarum - Agronomy, 2006, 28, 187.	0.6	14
75	Growth and Nutritional Disorders of Eggplant Cultivated in Nutrients Solutions with Suppressed Macronutrients. Journal of Plant Nutrition, 2015, 38, 1097-1109.	1.9	14
76	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
77	Silicon Application Increases Biomass Yield in Sunflower by Improving the Photosynthesizing Leaf Area. Silicon, 2022, 14, 275-280.	3.3	14
78	Elevated [CO₂] and warming increase the macronutrient use efficiency and biomass of Stylosanthes capitata Vogel under field conditions. Journal of Agronomy and Crop Science, 2020, 206, 597-606.	3.5	14
79	Water stress and warming impact nutrient use efficiency of Mombasa grass (Megathyrsus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	14
80	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
81	Ammonium Toxicity Alleviation by Silicon is Dependent on Cytokinins in Tomato cv. Micro-Tom. Journal of Plant Growth Regulation, 2022, 41, 417-428.	5.1	14
82	Curva de crescimento e marcha de absorÃ§Ã£o de macronutrientes em mudas de goiabeira. Revista Brasileira De Ciencia Do Solo, 2007, 31, 1429-1437.	1.3	14
83	Amostragem para diagnose do estado nutricional de mangueiras. Revista Brasileira De Fruticultura, 2007, 29, 371-376.	0.5	14
84	Water deficit modifies C:N:P stoichiometry affecting sugarcane and energy cane yield and its relationships with silicon supply. Scientific Reports, 2021, 11, 20916.	3.3	14
85	Liming and quality of guava fruit cultivated in Brazil. Scientia Horticulturae, 2005, 106, 91-102.	3.6	13
86	AplicaÃ§Ã£o superficial de calcÃ¡rio em pomar de laranjeira pÃªra em produÃ§Ã£o. Revista Brasileira De Fruticultura, 2007, 29, 606-612.	0.5	13
87	Estado nutricional de mangueiras determinado pelos mÃ©todos DRIS e CND. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 11-18.	1.1	13
88	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
89	Silicon and salicylic acid promote different responses in legume plants. Journal of Plant Nutrition, 2018, 41, 2116-2125.	1.9	13
90	Foliar-Applied Silicon in Sorghum (Sorghum bicolor L.) Alleviate Zinc Deficiency. Silicon, 2022, 14, 281-287.	3.3	13

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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	Response of Corn Seedlings (Zea mays L.) to Different Concentrations of Nitrogen in Absence and Presence of Silicon. Silicon, 2021, 13, 813-818.	3.3	13
93	Low absorption of silicon via foliar in comparison to root application has an immediate antioxidant effect in mitigating water deficit damage in sugarcane. Journal of Agronomy and Crop Science, 2022, 208, 805-814.	3.5	13
94	Reatividade de uma escÃ³ria de siderurgia em um latossolo vermelho distrÃ³fico. Revista Brasileira De Ciencia Do Solo, 2004, 28, 197-205.	1.3	13
95	Efeitos da aplicaÃ§Ã£o de calcÃ¡rio no desenvolvimento, no estado nutricional e na produÃ§Ã£o de matÃ©ria seca de mudas de maracujazeiro. Revista Brasileira De Fruticultura, 2004, 26, 145-149.	0.5	13
96	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
97	Uso de soluÃ§Ãµes nutritivas no desenvolvimento e no estado nutricional de mudas de goiabeira: macronutrientes. Acta Scientiarum - Agronomy, 2006, 28, 199.	0.6	12
98	NitrogÃªnio, fÃ³sforo e potÃ¡ssio na nutriÃ§Ã£o e na produÃ§Ã£o de mudas de laranjeira 'ValÃªncia', enxertada sobre citrumeleiro 'Swingle'. Revista Brasileira De Fruticultura, 2008, 30, 812-817.	0.5	12
99	RENDIMENTO E CRESCIMENTO DA BETERRABA EM FUNÃ‡ÃƒO DA ADUBAÃ‡ÃƒO COM FÃ“SFORO. Scientia Agraria, 2009, 10, 075.	0.5	12
100	Boron Foliar Application in Nutrition and Yield of Beet and Tomato. Journal of Plant Nutrition, 2015, 38, 1573-1579.	1.9	12
101	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
102	Warming Change Nutritional Status and Improve Stylosanthes capitata Vogel Growth Only Under Well-Watered Conditions. Journal of Soil Science and Plant Nutrition, 2020, 20, 1838-1847.	3.4	12
103	Elevated CO2 and warming change the nutrient status and use efficiency of Panicum maximum Jacq. PLoS ONE, 2020, 15, e0223937.	2.5	12
104	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
105	Tamanho da amostra foliar para avaliaÃ§Ã£o do estado nutricional de goiabeiras com e sem irrigaÃ§Ã£o. Revista Brasileira De Engenharia Agricola E Ambiental, 2009, 13, 233-239.	1.1	12
106	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. Industrial Crops and Products, 2022, 182, 114888.	5.2	12
107	Sistemas de preparo e resistÃªncia Ã penetraÃ§Ã£o e densidade de um Latossolo Vermelho eutrÃ³fico em cultivo intensivo e pousio. Pesquisa Agropecuaria Brasileira, 2002, 37, 1795-1801.	0.9	11
108	Resposta da caramboleira Ã calagem. Revista Brasileira De Fruticultura, 2008, 30, 1136-1145.	0.5	11

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109	Marcha de absorÃ§Ã£o dos micronutrientes para mudas de goiabeiras cultivares Paluma e SÃ©culo XXI. Bragantia, 2008, 67, 83-90.	1.3	11
110	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
111	Efeito da escÃ³ria, calcÃ¡rio e nitrogÃªnio na absorÃ§Ã£o de silÃcio e na produÃ§Ã£o do capim-marandu. Bragantia, 2009, 68, 221-232.	1.3	11
112	NÃveis crÃticos de boro no solo e na planta para cultivo de mudas de maracujazeiro-amarelo. Revista Brasileira De Fruticultura, 2006, 28, 305-309.	0.5	11
113	CaracterizaÃ§Ã£o biomÃ©trica e acÃºmulo de nutrientes em porta-enxertos de caramboleira cultivada em soluÃ§Ã£o nutritiva. Revista Ciencia Agronomica, 2013, 44, 426-436.	0.3	11
114	Growth and Nutritional Efficiency of Watermelon Plants Grown under Macronutrient Deficiencies. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 738-742.	1.0	11
115	AdubaÃ§Ã£o nitrogenada na implantaÃ§Ã£o e na formaÃ§Ã£o de pomares de caramboleira. Pesquisa Agropecuaria Brasileira, 2007, 42, 1111-1119.	0.9	10
116	EficiÃªncia de absorÃ§Ã£o, transporte e utilizaÃ§Ã£o de macronutrientes por porta-enxertos de caramboleira, cultivados em soluÃ§Ãµes nutritivas. Ciencia E Agrotecnologia, 2007, 31, 1020-1026.	1.5	10
117	AvaliaÃ§Ã£o agronÃ´mica da escÃ³ria de siderurgia na cana-de-aÃ§Ãºcar durante cinco ciclos de produÃ§Ã£o. Bragantia, 2009, 68, 381-387.	1.3	10
118	Crescimento e marcha de absorÃ§Ã£o de nutrientes em tomateiro cultivar RaÃsa cultivado em sistema hidropÃ´nico. Semina:Ciencias Agrarias, 2011, 32, 19.	0.3	10
119	PotÃ¡ssio no desenvolvimento inicial da soqueira de cana crua. Pesquisa Agropecuaria Tropical, 2012, 42, 106-111.	1.0	10
120	Response of sugarcane ratoon to nitrogen without and with the application of silicon. Journal of Plant Nutrition, 2016, 39, 793-803.	1.9	10
121	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
122	Surface Application of Lime on a Guava Orchard in Production. Revista Brasileira De Ciencia Do Solo, 2018, 42, .	1.3	10
123	AMMONIA TOXICITY AFFECT CATIONS UPTAKE AND GROWTH IN PAPAYA PLANTS INCLUSIVE WITH SILICON ADDITION. Acta Biologica Colombiana, 2020, 25, 345-353.	0.4	10
124	Macronutrient deficiency in cucumber plants: impacts in nutrition, growth and symptoms. Journal of Plant Nutrition, 2021, 44, 2609-2626.	1.9	10
125	Nutritional and Structural Role of Silicon in Attenuating Aluminum Toxicity in Sugarcane Plants. Silicon, 2022, 14, 5041-5055.	3.3	10
126	Leaf sampling in carambola trees. Fruits, 2004, 59, 281-289.	0.4	10

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127	Tolerance to iron chlorosis in non-grafted quince seedlings and in pear grafted onto quince plants. Journal of Soil Science and Plant Nutrition, 2011, 11, 119-128.	3.4	10
128	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
129	Resposta de mudas de goiabeira a doses e modos deaplicaÃ§Ã£o de fertilizante fosfatado. Revista Brasileira De Fruticultura, 2003, 25, 164-169.	0.5	9
130	Effect of Liming on the Mineral Nutrition and Yield of Growing Guava Trees in a Typic Hapludox Soil. Communications in Soil Science and Plant Analysis, 2008, 39, 2191-2204.	1.4	9
131	PHOSPHORUS EFFECTS IN THE NUTRITION AND GROWTH OF DEVELOPING MANGO PLANTS. Journal of Plant Nutrition, 2010, 33, 2041-2049.	1.9	9
132	Dose econÃ´mica de calcÃ¡rio na produtividade de caramboleiras. Revista Brasileira De Fruticultura, 2011, 33, 1294-1299.	0.5	9
133	PadrÃµes nutricionais para lavouras arrozeiras irrigadas por inundaÃ§Ã£o pelos mÃ©todos da CDN chance matemÃ¡tica. Revista Brasileira De Ciencia Do Solo, 2013, 37, 145-156.	1.3	9
134	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
135	Phosphorus Fractionation in Soil Cultivated with Sugarcane Fertilized by Filter Cake and Phosphate Sources. Communications in Soil Science and Plant Analysis, 2015, 46, 2449-2459.	1.4	9
136	Growth and nutritional disorders of coffee cultivated in nutrient solutions with suppressed macronutrients. Journal of Plant Nutrition, 2016, 39, 1578-1588.	1.9	9
137	Ecological Response to Global Change: Changes in C:N:P Stoichiometry in Environmental Adaptations of Plants. , 0, , .		9
138	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
139	Amplification of gibberellins response in tomato modulates calcium metabolism and blossom end rot occurrence. Scientia Horticulturae, 2019, 246, 498-505.	3.6	9
140	Nutritional and Visual Diagnosis in Broccoli (Brassica oleracea var. italica L.) Plants: Disorders in Physiological Activity, Nutritional Efficiency and Metabolism of Carbohydrates. Agronomy, 2020, 10, 1572.	3.0	9
141	Silicon toxicity induced by different concentrations and sources added to in vitro culture of epiphytic orchids. Scientia Horticulturae, 2020, 265, 109272.	3.6	9
142	Silicon attenuates calcium deficiency in rocket plants by increasing the production of non-enzymatic antioxidants compounds. Scientia Horticulturae, 2021, 285, 110169.	3.6	9
143	Silicon increases chlorophyll and photosynthesis and improves height and NDVI of cotton (Gossypium) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	9
144	Use of Silicon in Mitigating Ammonium Toxicity in Maize Plants. American Journal of Plant Sciences, 2015, 06, 1780-1784.	0.8	9

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145	NitrogÃªnio e idade de corte na qualidade da biomassa de capimelefante para fins agroenergÃ©ticos cultivado em Latossolo. Semina:Ciencias Agrarias, 2013, 34, 127-136.	0.3	9
146	Silicon leaf spraying increases biofortification production, ascorbate content and decreases water loss post-harvest from land cress and chicory leaves. Journal of Plant Nutrition, 2022, 45, 1283-1290.	1.9	9
147	Silicon fertigation with appropriate source reduces water requirement of maize under water deficit. Plant and Soil, 2022, 477, 83-97.	3.7	9
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