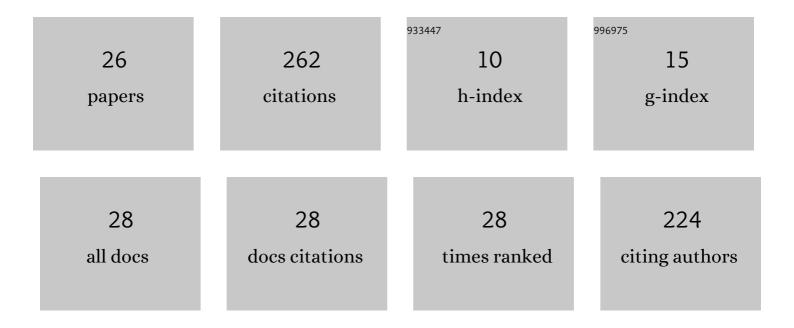
## Rafael Ferreira Barreto

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2955313/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Silicon Supplied Via Roots or Leaves Relieves Potassium Deficiency in Maize Plants. Silicon, 2022, 14, 773-782.	3.3	20
2	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
3	Cryptochrome 1a of tomato modulates nutritional deficiency responses. Scientia Horticulturae, 2022, 291, 110577.	3.6	3
4	Silicon attenuates potassium and sulfur deficiency by increasing nutrient use efficiency in basil plants. Scientia Horticulturae, 2022, 291, 110616.	3.6	8
5	Na improves the growth of K-deficient but not K-sufficient kale. Food Chemistry, 2022, 370, 131017.	8.2	5
6	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
7	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
8	Cryptochrome 1a depends on blue light fluence rate to mediate osmotic stress responses in tomato. Journal of Plant Physiology, 2021, 258-259, 153374.	3.5	6
9	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
10	Response of photomorphogenic tomato mutants to nutrient omissions. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	1
11	Are the interaction effects of warming and drought on nutritional status and biomass production in a tropical forage legume greater than their individual effects?. Planta, 2021, 254, 104.	3.2	0
12	Low soil nutrient availability does not decrease post-drought recovery of Brachiaria Mavuno. Revista Brasileira De Botanica, 2021, 44, 849-858.	1.3	0
13	The auxin-resistant dgt tomato mutant grows less than the wild type but is less sensitive to ammonium toxicity and nitrogen deficiency. Journal of Plant Physiology, 2020, 252, 153243.	3.5	2
14	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
15	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
16	Macronutrient deficiency in snap bean considering physiological, nutritional, and growth aspects. PLoS ONE, 2020, 15, e0234512.	2.5	13
17	Elevated CO2 and warming change the nutrient status and use efficiency of Panicum maximum Jacq. PLoS ONE, 2020, 15, e0223937.	2.5	12
18	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

#	Article	IF	CITATIONS
19	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
20	Low auxin sensitivity of diageotropica tomato mutant alters nitrogen deficiency response. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20190254.	0.8	4
21	Amplification of gibberellins response in tomato modulates calcium metabolism and blossom end rot occurrence. Scientia Horticulturae, 2019, 246, 498-505.	3.6	9
22	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
23	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
24	Silicon alleviates ammonium toxicity in cauliflower and in broccoli. Scientia Horticulturae, 2017, 225, 743-750.	3.6	42
25	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
26	EFEITOS DAS MUDANÇAS CLIMÃTICAS EM PLANTAS CULTIVADAS E NATIVAS: ATUAL ESTADO DAS PESQUISAS		2

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