

# Allan Klynger Da Silva Lobato

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3660547/allan-klynger-da-silva-lobato-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

530<sup>0</sup>  
citations

14  
h-index

21  
g-index

59  
ext. papers

714  
ext. citations

2.8  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
53	Leaf application of 24-epibrassinolide mitigates cadmium toxicity in young <i>Eucalyptus urophylla</i> plants by modulating leaf anatomy and gas exchange. <i>Physiologia Plantarum</i> , <b>2021</b> , 173, 67-87	4.6	4
52	Exogenous 24-Epibrassinolide stimulates root protection, and leaf antioxidant enzymes in lead stressed rice plants: Central roles to minimize Pb content and oxidative stress. <i>Environmental Pollution</i> , <b>2021</b> , 280, 116992	9.3	11
51	Protective Mechanism Triggered by Pigeonpea Plants Exposed to Water Deficit: Modifications Linked to Paraheliotropism, Stomatal Characteristics and Antioxidant Enzymes. <i>Journal of Plant Growth Regulation</i> , <b>2021</b> , 40, 20-36	4.7	
50	Unraveling the roles of brassinosteroids in alleviating drought stress in young <i>Eucalyptus urophylla</i> plants: Implications on redox homeostasis and photosynthetic apparatus. <i>Physiologia Plantarum</i> , <b>2021</b> , 172, 748-761	4.6	8
49	Brassinosteroids trigger tolerance to iron toxicity in rice. <i>Physiologia Plantarum</i> , <b>2021</b> , 171, 371-387	4.6	7
48	Anatomical changes in stem and root of soybean plants submitted to salt stress. <i>Plant Biology</i> , <b>2021</b> , 23, 57-65	3.7	7
47	Exogenous salicylic acid alleviates the negative impacts on production components, biomass and gas exchange in tomato plants under water deficit improving redox status and anatomical responses. <i>Physiologia Plantarum</i> , <b>2021</b> , 172, 869-884	4.6	7
46	24-Epibrassinolide induces protection against nickel excess in soybean plants: anatomical evidences. <i>Revista Brasileira De Botanica</i> , <b>2021</b> , 44, 197-205	1.2	1
45	24-Epibrassinolide Positively Modulate Leaf Structures, Antioxidant System and Photosynthetic Machinery in Rice Under Simulated Acid Rain. <i>Journal of Plant Growth Regulation</i> , <b>2020</b> , 39, 1559-1576	4.7	9
44	Alleviation of Oxidative Stress Induced by 24-Epibrassinolide in Soybean Plants Exposed to Different Manganese Supplies: UpRegulation of Antioxidant Enzymes and Maintenance of Photosynthetic Pigments. <i>Journal of Plant Growth Regulation</i> , <b>2020</b> , 39, 1425-1440	4.7	5
43	Genetic parameters related to gas exchange and production components in cowpea populations under drought. <i>Vegetos</i> , <b>2020</b> , 33, 335-344	1.2	0
42	24-Epibrassinolide Improves Root Anatomy and Antioxidant Enzymes in Soybean Plants Subjected to Zinc Stress. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 105-124	3.2	22
41	Root-differential modulation enhances nutritional status and leaf anatomy in pigeonpea plants under water deficit. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2020</b> , 262, 151519	1.9	3
40	24-Epibrassinolide mitigates nickel toxicity in young <i>Eucalyptus urophylla</i> S.T. Blake plants: nutritional, physiological, biochemical, anatomical and morphological responses. <i>Annals of Forest Science</i> , <b>2020</b> , 77, 1	3.1	9
39	Brassinosteroids-Mediated Amelioration of Iron Deficiency in Soybean Plants: Beneficial Effects on the Nutritional Status, Photosynthetic Pigments and Chlorophyll Fluorescence. <i>Journal of Plant Growth Regulation</i> , <b>2020</b> , 40, 1803	4.7	6
38	24-epibrassinolide induces protection against waterlogging and alleviates impacts on the root structures, photosynthetic machinery and biomass in soybean. <i>Plant Signaling and Behavior</i> , <b>2020</b> , 15, 1805885	2.5	9
37	Brassinosteroids induce tolerance to water deficit in soybean seedlings: contributions linked to root anatomy and antioxidant enzymes. <i>Acta Physiologiae Plantarum</i> , <b>2019</b> , 41, 1	2.6	14

36	Brassinosteroids increase electron transport and photosynthesis in soybean plants under water deficit. <i>Photosynthetica</i> , <b>2019</b> , 57, 181-191	2.2	17
35	Brassinosteroids Confer Tolerance to Salt Stress in Eucalyptus urophylla Plants Enhancing Homeostasis, Antioxidant Metabolism and Leaf Anatomy. <i>Journal of Plant Growth Regulation</i> , <b>2019</b> , 38, 557-573	4.7	30
34	Silicon deposition in roots minimizes the cadmium accumulation and oxidative stress in leaves of cowpea plants. <i>Physiology and Molecular Biology of Plants</i> , <b>2018</b> , 24, 99-114	2.8	18
33	Brassinosteroids Positively Modulate Growth: Physiological, Biochemical and Anatomical Evidence Using Two Tomato Genotypes Contrasting to Dwarfism. <i>Journal of Plant Growth Regulation</i> , <b>2018</b> , 37, 1099-1112	4.7	24
32	Tolerance mechanisms in Cassia alata exposed to cadmium toxicity - potential use for phytoremediation. <i>Photosynthetica</i> , <b>2018</b> , 56, 495-504	2.2	17
31	Brassinosteroids mitigate cadmium toxicity in cowpea plants. <i>Photosynthetica</i> , <b>2018</b> , 56, 591-605	2.2	42
30	Brassinosteroids mitigate iron deficiency improving nutritional status and photochemical efficiency in Eucalyptus urophylla plants. <i>Trees - Structure and Function</i> , <b>2018</b> , 32, 1681-1694	2.6	21
29	Agricultural use of Samarco's spilled mud assessed by rice cultivation: A promising residue use?. <i>Chemosphere</i> , <b>2018</b> , 193, 892-902	8.4	17
28	Brassinosteroids improve photosystem II efficiency, gas exchange, antioxidant enzymes and growth of cowpea plants exposed to water deficit. <i>Physiology and Molecular Biology of Plants</i> , <b>2017</b> , 23, 59-72	2.8	62
27	Differential behaviours in two species of Eucalyptus exposed to aluminium. <i>Indian Journal of Plant Physiology</i> , <b>2017</b> , 22, 107-113		2
26	Silicon reduces aluminum accumulation and mitigates toxic effects in cowpea plants. <i>Acta Physiologiae Plantarum</i> , <b>2017</b> , 39, 1	2.6	17
25	Short-Time of Rehydration is not Effective to Re-Establish Chlorophyll Fluorescence and Gas Exchange in Two Cowpea Cultivars Submitted to Water Deficit. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2017</b> , 45, 238-244	1.2	4
24	Antioxidant system is insufficient to prevent cell damages in Euterpe oleracea exposed to water deficit. <i>Emirates Journal of Food and Agriculture</i> , <b>2017</b> , 29, 206	1	4
23	Silicon mitigates oxidative stress and has positive effects in Eucalyptus platyphylla under aluminium toxicity. <i>Plant, Soil and Environment</i> , <b>2016</b> , 62, 164-170	2.2	5
22	Proline but not Glutathione Actively Participates in the Tolerance Mechanism of Young Schizolobium parahyba var. amazonicum Plants Exposed to Boron Toxicity. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2016</b> , 44, 215-221	1.2	3
21	Photosynthetic pigments and carbohydrates in young Brazil nut (Bertholletia excelsa H.B.K.) plants exposed to moderate and severe water deficiency. <i>Australian Journal of Crop Science</i> , <b>2016</b> , 10, 920-925	0.5	2
20	Potential of calcium silicate to mitigate water deficiency in maize. <i>Bragantia</i> , <b>2016</b> , 75, 275-285	1.2	4
19	Tolerance of Plants to Toxicity Induced by Micronutrients <b>2016</b> ,		4

18	Consequences of Water Deficit on Metabolism of Legumes <b>2016,</b>		1
17	Biochemical Responses of Two Species of Eucalyptus Exposed to Aluminium Toxicity: Oxidative Stress and Antioxidant Metabolism. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2016</b> , 44, 107-115 <sup>1,2</sup>		3
16	Boron Supply and Water Deficit Consequences in Young Paricá (Schizolobium parahyba var. amazonicum) Plants. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2016</b> , 44, 250-256	1.2	1
15	Management Practices for Insect Resistance in Bt Maize <b>2016,</b>		1
14	Tolerance to water deficit in cowpea populations resulting from breeding program: detection by gas exchange and chlorophyll fluorescence. <i>Indian Journal of Plant Physiology</i> , <b>2016</b> , 21, 171-178		7
13	Antioxidant enzymes efficiently control leaf and root cell damage in young Euterpe oleracea plants exposed to waterlogging. <i>Indian Journal of Plant Physiology</i> , <b>2015</b> , 20, 213-219		7
12	Tolerance to waterlogging in young Euterpe oleracea plants. <i>Photosynthetica</i> , <b>2014</b> , 52, 186-192	2.2	9
11	Effect of potassium sources on the antioxidant activity of eggplant. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2014</b> , 38, 1836-1842	1.5	6
10	Efficiency of utilization of nitrogen coated with urease inhibitor in maize. <i>Pakistan Journal of Biological Sciences</i> , <b>2013</b> , 16, 871-6	0.8	
9	Silicon-induced increase in chlorophyll is modulated by the leaf water potential in two water-deficient tomato cultivars. <i>Plant, Soil and Environment</i> , <b>2012</b> , 58, 481-486	2.2	42
8	Comportamento produtivo e econômico da alface americana em função de diferentes lâminas de água. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , <b>2011</b> , 15, 1161-1167	0.9	
7	Relationships between leaf pigments and photosynthesis in common bean plants infected by anthracnose. <i>New Zealand Journal of Crop and Horticultural Science</i> , <b>2010</b> , 38, 29-37	0.9	18
6	Consequences of the water deficit on water relations and symbiosis in Vigna unguiculata cultivars. <i>Plant, Soil and Environment</i> , <b>2009</b> , 55, 139-145	2.2	6
5	24-Epibrassinolide Delays Chlorophyll Degradation and Stimulates the Photosynthetic Machinery in Magnesium-Stressed Soybean Plants. <i>Journal of Plant Growth Regulation</i> , 1	4-7	3
4	ABA-mediated proline synthesis in cowpea leaves exposed to water deficiency and rehydration		3
3	Foliar-applied 24-epibrassinolide systemically triggers tolerance to magnesium stress in soybean plants: plausible responses focused on root and leaf structures. <i>Botany Letters</i> , 1-12	1.1	2
2	Pretreatment with 24-Epibrassinolide Synergistically Protects Root Structures and Chloroplastic Pigments and Upregulates Antioxidant Enzymes and Biomass in Na <sup>+</sup> -Stressed Tomato Plants. <i>Journal of Plant Growth Regulation</i> , 1	4-7	3
1	Positive biochemical, physiological and nutritional evidence from the use of biochar in the growth of eucalyptus plants. <i>Botany Letters</i> , 1-14	1.1	0

