Halley C Oliveira

List of Publications by Year in Descending Order

70 papers	1,549 citations	26 h-index	38 g-index
78 ext. papers	1,927 ext. citations	4.4 avg, IF	5.07 L-index

#	Paper	IF	Citations
70	Overview of nitric oxide homeostasis **2022**, 3-41		1
69	Nitric oxide-releasing nanomaterials: from basic research to potential biotechnological applications in agriculture.. *New Phytologist*, **2022**,	9.8	2
68	CONTROL OF VOLUNTEER CORN AS A FUNCTION OF LIGHT RESTRICTION PERIODS AFTER DIQUAT APPLICATION. *Revista Caatinga*, **2022**, 35, 299-307	0.6	
67	Copper-Based Nanoparticles for Pesticide Effects **2022**, 187-212		
66	Seed priming with copper-loaded chitosan nanoparticles promotes early growth and enzymatic antioxidant defense of maize (Zea mays L.) seedlings. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 2176	3.5	3
65	Nitrogen use plasticity in response to light intensity in neotropical tree species of distinct functional groups. *Physiologia Plantarum*, **2021**, 172, 2226-2237	4.6	0
64	The light and dark sides of nitric oxide: multifaceted roles of nitric oxide in plant responses to light. *Journal of Experimental Botany*, **2021**, 72, 885-903	7	6
63	Advances in nano-based delivery systems of micronutrients for a greener agriculture **2021**, 111-143		1
62	Different leaf traits provide light-acclimation responses in two neotropical woody species. *Theoretical and Experimental Plant Physiology*, **2021**, 33, 313	2.4	1
61	Does inoculation with associative bacteria improve tolerance to nitrogen deficiency in seedlings of Neotropical tree species?. *Environmental and Experimental Botany*, **2021**, 189, 104529	5.9	1
60	Foliar absorption and field herbicidal studies of atrazine-loaded polymeric nanoparticles. *Journal of Hazardous Materials*, **2021**, 418, 126350	12.8	6
59	Nanoencapsulation improves the protective effects of a nitric oxide donor on drought-stressed Heliocarpus popayanensis seedlings. *Ecotoxicology and Environmental Safety*, **2021**, 225, 112713	7	2
58	Regression models to stratify the copper toxicity responses and tolerance mechanisms of Glycine max (L.) Merr. plants. *Planta*, **2021**, 253, 43	4.7	1
57	Inorganic nitrogen sources alter the root morphology of neotropical tree seedlings from different successional groups. *Trees - Structure and Function*, **2021**, 35, 875-887	2.6	0
56	Nanotechnology Potential in Seed Priming for Sustainable Agriculture. *Nanomaterials*, **2021**, 11,	5.4	52
55	Plant growth-promoting bacteria improve leaf antioxidant metabolism of drought-stressed Neotropical trees. *Planta*, **2020**, 251, 83	4.7	13
54	Effects of copper oxide nanoparticles on growth of lettuce (Lactuca sativa L.) seedlings and possible implications of nitric oxide in their antioxidative defense. *Environmental Monitoring and Assessment*, **2020**, 192, 232	3.1	40

53	Nanopesticides **2020**,		5
52	The potential of nanobiopesticide based on zein nanoparticles and neem oil for enhanced control of agricultural pests. *Journal of Pest Science*, **2020**, 93, 793-806	5.5	17
51	Overview of Nanopesticide Environmental Safety Aspects and Regulatory Issues: The Case of Nanoatrazine **2020**, 281-298		
50	Dose-Dependent Dual Effect of Soil Copper on the Initial Development of Glycine max (L.) Merr. cv. BRS 257 Seedlings. *Bulletin of Environmental Contamination and Toxicology*, **2020**, 105, 553-558	2.7	2
49	Atrazine nanoencapsulation improves pre-emergence herbicidal activity against Bidens pilosa without enhancing long-term residual effect on Glycine max. *Pest Management Science*, **2020**, 76, 141-149	4.6	23
48	Differential impacts of plant growth-promoting bacteria (PGPB) on seeds of neotropical tree species with contrasting tolerance to shade. *Trees - Structure and Function*, **2020**, 34, 121-132	2.6	1
47	Polymeric nanoparticles as an alternative for application of gibberellic acid in sustainable agriculture: a field study. *Scientific Reports*, **2019**, 9, 7135	4.9	46
46	A Mechanistic View of Interactions of a Nanoherbicide with Target Organism. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 4453-4462	5.7	41
45	Potential Use of Polymeric Particles for the Regulation of Plant Growth **2019**, 45-66		1
44	Nitrogen metabolism of Neotropical tree seedlings with contrasting ecological characteristics. *Acta Physiologiae Plantarum*, **2019**, 41, 1	2.6	5
43	BRIEF COMMUNICATIONPhotosynthetic light-response curves of light-demanding and shade-tolerant seedlings of neotropical tree species. *Photosynthetica*, **2019**, 57, 470-474	2.2	7
42	Effects of nitric oxide-releasing nanoparticles on neotropical tree seedlings submitted to acclimation under full sun in the nursery. *Scientific Reports*, **2019**, 9, 17371	4.9	15
41	Nitrogen supplementation improves the high-light acclimation of Guazuma ulmifolia Lam. seedlings. *Trees - Structure and Function*, **2019**, 33, 421-431	2.6	7
40	State of the art of polymeric nanoparticles as carrier systems with agricultural applications: a minireview. *Energy, Ecology and Environment*, **2018**, 3, 137-148	3.5	38
39	Post-Emergence Herbicidal Activity of Nanoatrazine Against Susceptible Weeds. *Frontiers in Environmental Science*, **2018**, 6,	4.8	36
38	Enhanced drought tolerance in seedlings of Neotropical tree species inoculated with plant growth-promoting bacteria. *Plant Physiology and Biochemistry*, **2018**, 130, 277-288	5.4	11
37	Associative bacteria influence maize (Zea mays L.) growth, physiology and root anatomy under different nitrogen levels. *Plant Biology*, **2018**, 20, 870-878	3.7	13
36	Hypoxia-driven changes in glycolytic and tricarboxylic acid cycle metabolites of two nodulated soybean genotypes. *Environmental and Experimental Botany*, **2017**, 133, 118-127	5.9	15

35	Nitrogen use strategies of seedlings from neotropical tree species of distinct successional groups. *Plant Physiology and Biochemistry*, **2017**, 114, 119-127	5.4	11
34	Evaluation of the effects of polymeric chitosan/tripolyphosphate and solid lipid nanoparticles on germination of Zea mays, Brassica rapa and Pisum sativum. *Ecotoxicology and Environmental Safety*, **2017**, 142, 369-374	7	34
33	Polyglutamic acid/chitosan nanoparticles for the plant growth regulator gibberellic acid: Characterization and evaluation of biological activity. *Carbohydrate Polymers*, **2017**, 157, 1862-1873	10.3	57
32	Plant Nitric Oxide Signaling Under Environmental Stresses **2017**, 345-370		
31	Nanocapsules Containing Neem (Azadirachta Indica) Oil: Development, Characterization, And Toxicity Evaluation. *Scientific Reports*, **2017**, 7, 5929	4.9	33
30	Acclimation responses to high light by Guazuma ulmifolia Lam. (Malvaceae) leaves at different stages of development. *Plant Biology*, **2017**, 19, 720-727	3.7	10
29	Chitosan nanoparticles as carrier systems for the plant growth hormone gibberellic acid. *Colloids and Surfaces B: Biointerfaces*, **2017**, 150, 141-152	6	83
28	Potential allelopathic effect of Brachiaria decumbens root exudates on neotropical tree seedlings. *Theoretical and Experimental Plant Physiology*, **2017**, 29, 177-186	2.4	2
27	Light acclimation in nursery: morphoanatomy and ecophysiology of seedlings of three light-demanding neotropical tree species. *Revista Brasileira De Botanica*, **2016**, 39, 19-28	1.2	16
26	How nitric oxide donors can protect plants in a changing environment: what we know so far and perspectives. *AIMS Molecular Science*, **2016**, 3, 692-718	0.9	29
25	Nitric oxide-releasing chitosan nanoparticles alleviate the effects of salt stress in maize plants. *Nitric Oxide - Biology and Chemistry*, **2016**, 61, 10-19	5	96
24	Morphoanatomy and ecophysiology of tree seedlings in semideciduous forest during high-light acclimation in nursery. *Photosynthetica*, **2015**, 53, 597-608	2.2	13
23	The role of alternative respiratory proteins in nitric oxide metabolism by plant mitochondria **2015**, 95-113		
22	Evaluation of the side effects of poly(epsilon-caprolactone) nanocapsules containing atrazine toward maize plants. *Frontiers in Chemistry*, **2015**, 3, 61	5	29
21	Nanoencapsulation Enhances the Post-Emergence Herbicidal Activity of Atrazine against Mustard Plants. *PLoS ONE*, **2015**, 10, e0132971	3.7	91
20	The effect of nitrate assimilation deficiency on the carbon and nitrogen status of Arabidopsis thaliana plants. *Amino Acids*, **2014**, 46, 1121-9	3.5	5
19	Role of Plant Mitochondria in Nitric Oxide Homeostasis During Oxygen Deficiency **2014**, 57-74		3
18	Nitric oxide signaling and homeostasis in plants: a focus on nitrate reductase and S-nitrosoglutathione reductase in stress-related responses. *Revista Brasileira De Botanica*, **2013**, 36, 89-98	1.2	39

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17	Nitrate reductase is required for the transcriptional modulation and bactericidal activity of nitric oxide during the defense response of Arabidopsis thaliana against Pseudomonas syringae. *Planta*, **2013**, 238, 475-86	4.7	40
16	Involvement of nitrite in the nitrate-mediated modulation of fermentative metabolism and nitric oxide production of soybean roots during hypoxia. *Planta*, **2013**, 237, 255-64	4.7	33
15	Modulation of mitochondrial activity by S-nitrosoglutathione reductase in Arabidopsis thaliana transgenic cell lines. *Biochimica Et Biophysica Acta - Bioenergetics*, **2013**, 1827, 239-47	4.6	34
14	Effect of oxygen deficiency on nitrogen assimilation and amino acid metabolism of soybean root segments. *Amino Acids*, **2013**, 44, 743-55	3.5	29
13	Nitrogen metabolism and translocation in soybean plants subjected to root oxygen deficiency. *Plant Physiology and Biochemistry*, **2013**, 66, 141-9	5.4	38
12	Nitrite decreases ethanol production by intact soybean roots submitted to oxygen deficiency: a role for mitochondrial nitric oxide synthesis?. *Plant Signaling and Behavior*, **2013**, 8, e23578	2.5	8
11	The hemibiotrophic cacao pathogen Moniliophthora perniciosa depends on a mitochondrial alternative oxidase for biotrophic development. *New Phytologist*, **2012**, 194, 1025-1034	9.8	39
10	Nitrate reductase- and nitric oxide-dependent activation of sinapoylglucose:malate sinapoyltransferase in leaves of Arabidopsis thaliana. *Plant and Cell Physiology*, **2012**, 53, 1607-16	4.9	13
9	Nitrate reductase-dependent nitric oxide synthesis in the defense response of Arabidopsis thaliana against Pseudomonas syringae. *Tropical Plant Pathology*, **2010**, 35, 104-107	2.5	17
8	NAD(P)H- and superoxide-dependent nitric oxide degradation by rat liver mitochondria. *FEBS Letters*, **2009**, 583, 2276-80	3.8	1
7	Nitrite reduction and superoxide-dependent nitric oxide degradation by Arabidopsis mitochondria: influence of external NAD(P)H dehydrogenases and alternative oxidase in the control of nitric oxide levels. *Nitric Oxide - Biology and Chemistry*, **2009**, 21, 132-9	5	53
6	Amino acid recovery does not prevent susceptibility to Pseudomonas syringae in nitrate reductase double-deficient Arabidopsis thaliana plants. *Plant Science*, **2009**, 176, 105-111	5.3	30
5	Nitric oxide degradation by potato tuber mitochondria: evidence for the involvement of external NAD(P)H dehydrogenases. *Biochimica Et Biophysica Acta - Bioenergetics*, **2008**, 1777, 470-6	4.6	37
4	Floral transition and nitric oxide emission during flower development in Arabidopsis thaliana is affected in nitrate reductase-deficient plants. *Plant and Cell Physiology*, **2008**, 49, 1112-21	4.9	89
3	Cyclosporin A inhibits calcium uptake by Citrus sinensis mitochondria. *Plant Science*, **2007**, 172, 665-670	5.3	7
2	Mitochondrial Nitric Oxide Synthesis During Plant-Pathogen Interactions: Role of Nitrate Reductase in Providing Substrates **2006**, 239-254		2
1	Decreased arginine and nitrite levels in nitrate reductase-deficient Arabidopsis thaliana plants impair nitric oxide synthesis and the hypersensitive response to Pseudomonas syringae. *Plant Science*, **2006**, 171, 34-40	5.3	109