Anderson do Espirito Santo Pereira

List of Publications by Year in Descending Order

23 papers	1,255 citations	16 h-index	25 g-index
25 ext. papers	1,601 ext. citations	7.2 avg, IF	4.85 L-index

#	Paper	IF	Citations
23	Lignin nanoparticles: New insights for a sustainable agriculture. *Journal of Cleaner Production*, **2022**, 345, 131145	10.3	7
22	Chitosan nanoparticles containing the insecticide dimethoate: A new approach in the reduction of harmful ecotoxicological effects. *NanoImpact*, **2022**, 27, 100408	5.6	1
21	Foliar absorption and field herbicidal studies of atrazine-loaded polymeric nanoparticles. *Journal of Hazardous Materials*, **2021**, 418, 126350	12.8	6
20	Nanotechnology Potential in Seed Priming for Sustainable Agriculture. *Nanomaterials*, **2021**, 11,	5.4	52
19	Sublethal effects of waterborne copper and copper nanoparticles on the freshwater Neotropical teleost Prochilodus lineatus: A comparative approach. *Science of the Total Environment*, **2020**, 704, 135332	10.2	12
18	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
17	Development of stimuli-responsive nano-based pesticides: emerging opportunities for agriculture. *Journal of Nanobiotechnology*, **2019**, 17, 100	9.4	85
16	Polymeric nanoparticles as an alternative for application of gibberellic acid in sustainable agriculture: a field study. *Scientific Reports*, **2019**, 9, 7135	4.9	46
15	A Mechanistic View of Interactions of a Nanoherbicide with Target Organism. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 4453-4462	5.7	41
14	Can atrazine loaded nanocapsules reduce the toxic effects of this herbicide on the fish Prochilodus lineatus? A multibiomarker approach. *Science of the Total Environment*, **2019**, 663, 548-559	10.2	30
13	Zein Nanoparticles as Eco-Friendly Carrier Systems for Botanical Repellents Aiming Sustainable Agriculture. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 1330-1340	5.7	90
12	Geraniol Encapsulated in Chitosan/Gum Arabic Nanoparticles: A Promising System for Pest Management in Sustainable Agriculture. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 5325-5334	5.7	56
11	Carvacrol and linalool co-loaded in β-cyclodextrin-grafted chitosan nanoparticles as sustainable biopesticide aiming pest control. *Scientific Reports*, **2018**, 8, 7623	4.9	54
10	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
9	γ-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
8	Chitosan nanoparticles as carrier systems for the plant growth hormone gibberellic acid. *Colloids and Surfaces B: Biointerfaces*, **2017**, 150, 141-152	6	83
7	Evaluation of the effects of nitric oxide-releasing nanoparticles on plants. *Journal of Physics: Conference Series*, **2015**, 617, 012025	0.3	6

6	Chitosan/tripolyphosphate nanoparticles loaded with paraquat herbicide: an environmentally safer alternative for weed control. *Journal of Hazardous Materials*, **2014**, 278, 163-71	12.8	243
5	Application of poly(epsilon-caprolactone) nanoparticles containing atrazine herbicide as an alternative technique to control weeds and reduce damage to the environment. *Journal of Hazardous Materials*, **2014**, 268, 207-15	12.8	160
4	Evaluation of Cyto- and Genotoxicity of Poly(lactide-co-glycolide) Nanoparticles. *Journal of Polymers and the Environment*, **2011**, 19, 196-202	4.5	15
3	Controlled release system for ametryn using polymer microspheres: preparation, characterization and release kinetics in water. *Journal of Hazardous Materials*, **2011**, 186, 1645-51	12.8	95
2	Evaluation of the genotoxicity of chitosan nanoparticles for use in food packaging films. *Journal of Food Science*, **2010**, 75, N89-96	3.4	52
1	Nanocarrier-Mediated Delivery of miRNA, RNAi, and CRISPR-Cas for Plant Protection: Current Trends and Future Directions. *ACS Agricultural Science and Technology*,		7