Jhones L De Oliveira

List of Publications by Year
in descending order

31 papers	2,490 citations	279798 23 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	2864 citing authors

#	Article	IF	Citations
1	Application of nanotechnology for the encapsulation of botanical insecticides for sustainable agriculture: Prospects and promises. Biotechnology Advances, 2014, 32, 1550-1561.	11.7	364
2	Polysaccharides as safer release systems for agrochemicals. Agronomy for Sustainable Development, 2015, 35, 47-66.	5.3	238
3	Use of botanical insecticides for sustainable agriculture: Future perspectives. Ecological Indicators, 2019, 105, 483-495.	6.3	225
4	Polymeric and Solid Lipid Nanoparticles for Sustained Release of Carbendazim and Tebuconazole in Agricultural Applications. Scientific Reports, 2015, 5, 13809.	3.3	141
5	Zein Nanoparticles as Eco-Friendly Carrier Systems for Botanical Repellents Aiming Sustainable Agriculture. Journal of Agricultural and Food Chemistry, 2018, 66, 1330-1340.	5.2	132
6	Solid Lipid Nanoparticles Co-loaded with Simazine and Atrazine: Preparation, Characterization, and Evaluation of Herbicidal Activity. Journal of Agricultural and Food Chemistry, 2015, 63, 422-432.	5.2	131
7	Chitosan nanoparticles as carrier systems for the plant growth hormone gibberellic acid. Colloids and Surfaces B: Biointerfaces, 2017, 150, 141-152.	5.0	128
8	Neem Oil and Crop Protection: From Now to the Future. Frontiers in Plant Science, 2016, 7, 1494.	3.6	112
9	Applications of Controlled Release Systems for Fungicides, Herbicides, Acaricides, Nutrients, and Plant Growth Hormones: A Review. Advanced Science, Engineering and Medicine, 2014, 6, 373-387.	0.3	112
10	An overview of the potential impacts of atrazine in aquatic environments: Perspectives for tailored solutions based on nanotechnology. Science of the Total Environment, 2020, 700, 134868.	8.0	106
11	Recent Developments and Challenges for Nanoscale Formulation of Botanical Pesticides for Use in Sustainable Agriculture. Journal of Agricultural and Food Chemistry, 2018, 66, 8898-8913.	5.2	97
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.	5.2	84
13	A Mechanistic View of Interactions of a Nanoherbicide with Target Organism. Journal of Agricultural and Food Chemistry, 2019, 67, 4453-4462.	5.2	75
14	Trends in aquaculture sciences: from now to use of nanotechnology for disease control. Reviews in Aquaculture, 2019, 11, 119-132.	9.0	74
15	Safety assessment of nanopesticides using the roundworm Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2017, 139, 245-253.	6.0	70
16	Chitosan nanoparticles loaded the herbicide paraquat: The influence of the aquatic humic substances on the colloidal stability and toxicity. Journal of Hazardous Materials, 2015, 286, 562-572.	12.4	66
17	Association of zein nanoparticles with botanical compounds for effective pest control systems. Pest Management Science, 2019, 75, 1855-1865.	3.4	48
18	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.	6.0	46

#	Article	IF	Citations
19	Zein based-nanoparticles loaded botanical pesticides in pest control: An enzyme stimuli-responsive approach aiming sustainable agriculture. Journal of Hazardous Materials, 2021, 417, 126004.	12.4	44
20	Nanocarrier-Mediated Delivery of miRNA, RNAi, and CRISPR-Cas for Plant Protection: Current Trends and Future Directions. ACS Agricultural Science and Technology, 2021, 1, 417-435.	2.3	37
21	Zein Nanoparticles Impregnated with Eugenol and Garlic Essential Oils for Treating Fish Pathogens. ACS Omega, 2020, 5, 15557-15566.	3.5	35
22	Encapsulation Strategies for Bacillus thuringiensis: From Now to the Future. Journal of Agricultural and Food Chemistry, 2021, 69, 4564-4577.	5.2	34
23	Poly(ethylene glycol) and Cyclodextrin-Grafted Chitosan: From Methodologies to Preparation and Potential Biotechnological Applications. Frontiers in Chemistry, 2017, 5, 93.	3.6	24
24	Influence of chitosan-tripolyphosphate nanoparticles on thermosensitive polymeric hydrogels: structural organization, drug release mechanisms and cytotoxicity. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 592-603.	3.4	14
25	The Triterpenoid Betulin Protects against the Neuromuscular Effects ofBothrops jararacussuSnake VenomIn Vivo. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	1.2	10
26	Use of nontarget organism Chironomus sancticaroli to study the toxic effects of nanoatrazine. Ecotoxicology, 2021, 30, 733-750.	2.4	9
27	Development of stained polymeric nanocapsules loaded with model drugs: Use of a fluorescent poly(phenyleneethynylene). Colloids and Surfaces B: Biointerfaces, 2016, 147, 442-449.	5.0	8
28	Development of a Mosquito Repellent Formulation Based on Nanostructured Lipid Carriers. Frontiers in Pharmacology, 2021, 12, 760682.	3.5	8
29	Nano-biopesticides: Present concepts and future perspectives in integrated pest management. , 2021, , 1-27.		7
30	Soil Enzyme Responses to Polymeric Nanopesticides: An Ecological Risk Analysis Approach to Promote Sustainable Agriculture. ACS Agricultural Science and Technology, 2022, 2, 443-452.	2.3	6
31	Cellulose Hydrogels Containing Geraniol and Icaridin Encapsulated in Zein Nanoparticles for Arbovirus Control. ACS Applied Bio Materials, 2022, 5, 1273-1283.	4.6	5