

# Jhones L De Oliveira

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Cellulose Hydrogels Containing Geraniol and Icaridin Encapsulated in Zein Nanoparticles for Arbovirus Control. <i>ACS Applied Bio Materials</i> , 2022, 5, 1273-1283.	4.6	5
2	Soil Enzyme Responses to Polymeric Nanopesticides: An Ecological Risk Analysis Approach to Promote Sustainable Agriculture. <i>ACS Agricultural Science and Technology</i> , 2022, 2, 443-452.	2.3	6
3	Nano-biopesticides: Present concepts and future perspectives in integrated pest management. , 2021, , 1-27.		7
4	Encapsulation Strategies for <i>Bacillus thuringiensis</i> : From Now to the Future. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4564-4577.	5.2	34
5	Use of nontarget organism <i>Chironomus sancticarloi</i> to study the toxic effects of nanoatrazine. <i>Ecotoxicology</i> , 2021, 30, 733-750.	2.4	9
6	Zein based-nanoparticles loaded botanical pesticides in pest control: An enzyme stimuli-responsive approach aiming sustainable agriculture. <i>Journal of Hazardous Materials</i> , 2021, 417, 126004.	12.4	44
7	Nanocarrier-Mediated Delivery of miRNA, RNAi, and CRISPR-Cas for Plant Protection: Current Trends and Future Directions. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 417-435.	2.3	37
8	Development of a Mosquito Repellent Formulation Based on Nanostructured Lipid Carriers. <i>Frontiers in Pharmacology</i> , 2021, 12, 760682.	3.5	8
9	Influence of chitosan-tripolyphosphate nanoparticles on thermosensitive polymeric hydrogels: structural organization, drug release mechanisms and cytotoxicity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 592-603.	3.4	14
10	An overview of the potential impacts of atrazine in aquatic environments: Perspectives for tailored solutions based on nanotechnology. <i>Science of the Total Environment</i> , 2020, 700, 134868.	8.0	106
11	Zein Nanoparticles Impregnated with Eugenol and Garlic Essential Oils for Treating Fish Pathogens. <i>ACS Omega</i> , 2020, 5, 15557-15566.	3.5	35
12	A Mechanistic View of Interactions of a Nanoherbicide with Target Organism. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4453-4462.	5.2	75
13	Association of zein nanoparticles with botanical compounds for effective pest control systems. <i>Pest Management Science</i> , 2019, 75, 1855-1865.	3.4	48
14	Use of botanical insecticides for sustainable agriculture: Future perspectives. <i>Ecological Indicators</i> , 2019, 105, 483-495.	6.3	225
15	Trends in aquaculture sciences: from now to use of nanotechnology for disease control. <i>Reviews in Aquaculture</i> , 2019, 11, 119-132.	9.0	74
16	Zein Nanoparticles as Eco-Friendly Carrier Systems for Botanical Repellents Aiming Sustainable Agriculture. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1330-1340.	5.2	132
17	Recent Developments and Challenges for Nanoscale Formulation of Botanical Pesticides for Use in Sustainable Agriculture. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8898-8913.	5.2	97
18	Geraniol Encapsulated in Chitosan/Gum Arabic Nanoparticles: A Promising System for Pest Management in Sustainable Agriculture. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5325-5334.	5.2	84

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19	Safety assessment of nanopesticides using the roundworm <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 245-253.	6.0	70
20	Evaluation of the effects of polymeric chitosan/tripolyphosphate and solid lipid nanoparticles on germination of <i>Zea mays</i> , <i>Brassica rapa</i> and <i>Pisum sativum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 369-374.	6.0	46
21	Chitosan nanoparticles as carrier systems for the plant growth hormone gibberellic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 141-152.	5.0	128
22	Poly(ethylene glycol) and Cyclodextrin-Grafted Chitosan: From Methodologies to Preparation and Potential Biotechnological Applications. <i>Frontiers in Chemistry</i> , 2017, 5, 93.	3.6	24
23	Neem Oil and Crop Protection: From Now to the Future. <i>Frontiers in Plant Science</i> , 2016, 7, 1494.	3.6	112
24	Development of stained polymeric nanocapsules loaded with model drugs: Use of a fluorescent poly(phenyleneethynylene). <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 442-449.	5.0	8
25	Polymeric and Solid Lipid Nanoparticles for Sustained Release of Carbendazim and Tebuconazole in Agricultural Applications. <i>Scientific Reports</i> , 2015, 5, 13809.	3.3	141
26	The Triterpenoid Betulin Protects against the Neuromuscular Effects of <i>Bothrops jararacussu</i> Snake Venom <i>In Vivo</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	1.2	10
27	Solid Lipid Nanoparticles Co-loaded with Simazine and Atrazine: Preparation, Characterization, and Evaluation of Herbicidal Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 422-432.	5.2	131
28	Chitosan nanoparticles loaded the herbicide paraquat: The influence of the aquatic humic substances on the colloidal stability and toxicity. <i>Journal of Hazardous Materials</i> , 2015, 286, 562-572.	12.4	66
29	Polysaccharides as safer release systems for agrochemicals. <i>Agronomy for Sustainable Development</i> , 2015, 35, 47-66.	5.3	238
30	Application of nanotechnology for the encapsulation of botanical insecticides for sustainable agriculture: Prospects and promises. <i>Biotechnology Advances</i> , 2014, 32, 1550-1561.	11.7	364
31	Applications of Controlled Release Systems for Fungicides, Herbicides, Acaricides, Nutrients, and Plant Growth Hormones: A Review. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 373-387.	0.3	112