

Estefânia Vangelie Ramos Campos

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

6,931
citations

147726

31
h-index

189801

50
g-index

50
all docs

50
docs citations

50
times ranked

9095
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Chitosan-Coated Polymeric Nanoparticles-Thermosensitive Hydrogels in association with Limonene as Skin Drug Delivery Strategy. <i>BioMed Research International</i> , 2022, 2022, 1-18.	0.9	9
2	A Naked Eye-Visible Ratiometric Fluorescent Microneedle Tattoo for Real-Time Monitoring of Inflammatory Skin Conditions. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102070.	3.9	14
3	Gene Delivery to the Skin – How Far Have We Come?. <i>Trends in Biotechnology</i> , 2021, 39, 474-487.	4.9	25
4	Biogenic Fe ₂ O ₃ Nanoparticles Enhance the Biological Activity of Trichoderma against the Plant Pathogen <i>Sclerotinia sclerotiorum</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1669-1683.	3.2	38
5	Sericin based nanoformulations: a comprehensive review on molecular mechanisms of interaction with organisms to biological applications. <i>Journal of Nanobiotechnology</i> , 2021, 19, 30.	4.2	59
6	Ecotoxicity evaluation of polymeric nanoparticles loaded with ascorbic acid for fish nutrition in aquaculture. <i>Journal of Nanobiotechnology</i> , 2021, 19, 163.	4.2	12
7	Hydrogels Containing Budesonide-Loaded Nanoparticles to Facilitate Percutaneous Absorption for Atopic Dermatitis Treatment Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4436-4449.	2.0	9
8	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.	6.5	44
9	Development of a Mosquito Repellent Formulation Based on Nanostructured Lipid Carriers. <i>Frontiers in Pharmacology</i> , 2021, 12, 760682.	1.6	8
10	Atrazine nanoencapsulation improves pre-emergence herbicidal activity against <i>Bidens pilosa</i> without enhancing long-term residual effect on <i>Glycine max</i> . <i>Pest Management Science</i> , 2020, 76, 141-149.	1.7	44
11	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.	1.8	14
12	Interference of goethite in the effects of glyphosate and Roundup® on ZFL cell line. <i>Toxicology in Vitro</i> , 2020, 65, 104755.	1.1	6
13	Hydrogels Containing Botanical Repellents Encapsulated in Zein Nanoparticles for Crop Protection. <i>ACS Applied Nano Materials</i> , 2020, 3, 207-217.	2.4	15
14	How can nanotechnology help to combat COVID-19? Opportunities and urgent need. <i>Journal of Nanobiotechnology</i> , 2020, 18, 125.	4.2	163
15	Trends in nanoformulations for atopic dermatitis treatment. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1615-1630.	2.4	24
16	Zein Nanoparticles Impregnated with Eugenol and Garlic Essential Oils for Treating Fish Pathogens. <i>ACS Omega</i> , 2020, 5, 15557-15566.	1.6	35
17	Recent Developments in Nanotechnology for Detection and Control of <i>Aedes aegypti</i> -Borne Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 102.	2.0	28
18	Green nanomaterials fostering agrifood sustainability. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115840.	5.8	62

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19	Development of stimuli-responsive nano-based pesticides: emerging opportunities for agriculture. <i>Journal of Nanobiotechnology</i> , 2019, 17, 100.	4.2	177
20	Physico-Chemical Characterization and Biopharmaceutical Evaluation of Lipid-Poloxamer-Based Organogels for Curcumin Skin Delivery. <i>Frontiers in Pharmacology</i> , 2019, 10, 1006.	1.6	15
21	On the safety of nanoformulations to non-target soil invertebrates – an atrazine case study. <i>Environmental Science: Nano</i> , 2019, 6, 1950-1958.	2.2	28
22	An eco-designed paper-based algal biosensor for nanoformulated herbicide optical detection. <i>Journal of Hazardous Materials</i> , 2019, 373, 483-492.	6.5	45
23	A Mechanistic View of Interactions of a Nanoherbicide with Target Organism. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4453-4462.	2.4	75
24	Association of zein nanoparticles with botanical compounds for effective pest control systems. <i>Pest Management Science</i> , 2019, 75, 1855-1865.	1.7	48
25	Use of botanical insecticides for sustainable agriculture: Future perspectives. <i>Ecological Indicators</i> , 2019, 105, 483-495.	2.6	225
26	Trends in aquaculture sciences: from now to use of nanotechnology for disease control. <i>Reviews in Aquaculture</i> , 2019, 11, 119-132.	4.6	74
27	Chitosan nanoparticles functionalized with β -cyclodextrin: a promising carrier for botanical pesticides. <i>Scientific Reports</i> , 2018, 8, 2067.	1.6	75
28	Nano based drug delivery systems: recent developments and future prospects. <i>Journal of Nanobiotechnology</i> , 2018, 16, 71.	4.2	3,689
29	Carvacrol and linalool co-loaded in β -cyclodextrin-grafted chitosan nanoparticles as sustainable biopesticide aiming pest control. <i>Scientific Reports</i> , 2018, 8, 7623.	1.6	87
30	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.	2.4	97
31	Post-Emergence Herbicidal Activity of Nanoatrazine Against Susceptible Weeds. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	53
32	Characterization of Articaine-Loaded Poly(ϵ -caprolactone) Nanocapsules and Solid Lipid Nanoparticles in Hydrogels for Topical Formulations. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4428-4438.	0.9	26
33	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.	2.4	84
34	Safety assessment of nanopesticides using the roundworm <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 245-253.	2.9	70
35	Nanocapsules Containing Neem (<i>Azadirachta Indica</i>) Oil: Development, Characterization, And Toxicity Evaluation. <i>Scientific Reports</i> , 2017, 7, 5929.	1.6	46
36	Neem Oil and Crop Protection: From Now to the Future. <i>Frontiers in Plant Science</i> , 2016, 7, 1494.	1.7	112

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37	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.	2.5	8
38	Budesonide-hydroxypropyl- β -cyclodextrin inclusion complex in binary poloxamer 407/403 system for ulcerative colitis treatment: A physico-chemical study from micelles to hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 138, 138-147.	2.5	32
39	Polymeric and Solid Lipid Nanoparticles for Sustained Release of Carbendazim and Tebuconazole in Agricultural Applications. <i>Scientific Reports</i> , 2015, 5, 13809.	1.6	141
40	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.	2.4	131
41	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.	6.5	66
42	Removal of glyphosate herbicide from water using biopolymer membranes. <i>Journal of Environmental Management</i> , 2015, 151, 353-360.	3.8	104
43	Polysaccharides as safer release systems for agrochemicals. <i>Agronomy for Sustainable Development</i> , 2015, 35, 47-66.	2.2	238
44	Application of nanotechnology for the encapsulation of botanical insecticides for sustainable agriculture: Prospects and promises. <i>Biotechnology Advances</i> , 2014, 32, 1550-1561.	6.0	364
45	Development of hydrophilic nanocarriers for the charged form of the local anesthetic articaine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 66-73.	2.5	28
46	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
47	Preparation and Characterization of Poly(ϵ -Caprolactone) Nanospheres Containing the Local Anesthetic Lidocaine. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 215-226.	1.6	40
48	Screening of Conditions for the Preparation of Poly(ϵ -Caprolactone) Nanocapsules Containing the Local Anesthetic Articaine. <i>Journal of Colloid Science and Biotechnology</i> , 2013, 2, 106-111.	0.2	18
49	Factorial Design and Characterization Studies for Articaine Hydrochloride Loaded Alginate/Chitosan Nanoparticles. <i>Journal of Colloid Science and Biotechnology</i> , 2013, 2, 146-152.	0.2	9