

Renata Lima

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

4,184
citations

34
h-index

63
g-index

90
ext. papers

4,921
ext. citations

4.4
avg, IF

5.93
L-index

#	Paper	IF	Citations
83	Cellulose Hydrogels Containing Geraniol and Icaridin Encapsulated in Zein Nanoparticles for Arbovirus Control.. <i>ACS Applied Bio Materials</i> , 2022 ,	4.1	1
82	Using Chitosan-Coated Polymeric Nanoparticles-Thermosensitive Hydrogels in association with Limonene as Skin Drug Delivery Strategy.. <i>BioMed Research International</i> , 2022 , 2022, 9165443	3	1
81	Dense lamellar scaffold, biomimetically inspired, for reverse cardiac remodeling: Effect of proanthocyanidins and glutaraldehyde. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 248-261	1.5	0
80	Biogenic Fe ₂ O ₃ Nanoparticles Enhance the Biological Activity of Trichoderma against the Plant Pathogen Sclerotinia sclerotiorum. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 1669-1683	8.3	10
79	Influence of the capping of biogenic silver nanoparticles on their toxicity and mechanism of action towards Sclerotinia sclerotiorum. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 53	9.4	14
78	Hydrogels Containing Budesonide-Loaded Nanoparticles to Facilitate Percutaneous Absorption for Atopic Dermatitis Treatment Applications. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 4436-4449	4.3	2
77	Zein Nanoparticles Impregnated with Eugenol and Garlic Essential Oils for Treating Fish Pathogens. <i>ACS Omega</i> , 2020 , 5, 15557-15566	3.9	14
76	How can nanotechnology help to combat COVID-19? Opportunities and urgent need. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 125	9.4	91
75	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	9
74	Prospects for the Use of New Technologies to Combat Multidrug-Resistant Bacteria. <i>Frontiers in Pharmacology</i> , 2019 , 10, 692	5.6	34
73	Neem oil based nanopesticide as an environmentally-friendly formulation for applications in sustainable agriculture: An ecotoxicological perspective. <i>Science of the Total Environment</i> , 2019 , 677, 57-67	10.2	55
72	Effect of Gd ³⁺ doping on structural and photocatalytic properties of ZnO obtained by facile microwave-hydrothermal method. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	12
71	Joint Theoretical and Experimental Study on the La Doping Process in InO: Phase Transition and Electrocatalytic Activity. <i>Inorganic Chemistry</i> , 2019 , 58, 11738-11750	5.1	15
70	Re-addressing the biosafety issues of plant growth promoting rhizobacteria. <i>Science of the Total Environment</i> , 2019 , 690, 841-852	10.2	51
69	Biomimetic dense lamellar scaffold based on a colloidal complex of the polyaniline (PANI) and biopolymers for electroactive and biomechanical stimulation of the myocardial. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 579, 123650	5.1	10
68	Biosynthesis of silver nanoparticles employing Trichoderma harzianum with enzymatic stimulation for the control of Sclerotinia sclerotiorum. <i>Scientific Reports</i> , 2019 , 9, 14351	4.9	47
67	Synthesis of Silver Nanoparticles Mediated by Fungi: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 287	5.8	221

66	Association of zein nanoparticles with botanical compounds for effective pest control systems. <i>Pest Management Science</i> , 2019 , 75, 1855-1865	4.6	31
65	Size Controllable Metal Nanoparticles Anchored on Nitrogen Doped Carbon for Electrocatalytic Energy Conversion. <i>ChemElectroChem</i> , 2019 , 6, 1508-1513	4.3	2
64	Trichoderma harzianum-based novel formulations: potential applications for management of Next-Gen agricultural challenges. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2056-2063	3.5	37
63	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	5.7	90
62	Formulation and evaluation of thermoresponsive polymeric blend as a vaginal controlled delivery system. <i>Journal of Sol-Gel Science and Technology</i> , 2018 , 86, 536-552	2.3	7
61	Structural and functional stabilization of bacteriophage particles within the aqueous core of a W/O/W multiple emulsion: A potential biotherapeutic system for the inhalational treatment of bacterial pneumonia. <i>Process Biochemistry</i> , 2018 , 64, 177-192	4.8	18
60	Characterization of Articaine-Loaded Poly(-caprolactone) Nanocapsules and Solid Lipid Nanoparticles in Hydrogels for Topical Formulations. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 4428-4438	1.3	20
59	Zein Nanoparticles and Strategies to Improve Colloidal Stability: A Mini-Review. <i>Frontiers in Chemistry</i> , 2018 , 6, 6	5	69
58	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	5.7	56
57	Synthesis of biogenic silver nanoparticles using <i>Althaea officinalis</i> as reducing agent: evaluation of toxicity and ecotoxicity. <i>Scientific Reports</i> , 2018 , 8, 12397	4.9	31
56	Characterization of PNIPAAm-co-AAm hydrogels for modified release of bromelain. <i>European Polymer Journal</i> , 2018 , 105, 48-54	5.2	10
55	Bean Seedling Growth Enhancement Using Magnetite Nanoparticles. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 5746-5755	5.7	21
54	Carvacrol and linalool co-loaded in β -cyclodextrin-grafted chitosan nanoparticles as sustainable biopesticide aiming pest control. <i>Scientific Reports</i> , 2018 , 8, 7623	4.9	54
53	Biogenic silver nanoparticles based on trichoderma harzianum: synthesis, characterization, toxicity evaluation and biological activity. <i>Scientific Reports</i> , 2017 , 7, 44421	4.9	107
52	Blood cell responses and metallothionein in the liver, kidney and muscles of bullfrog tadpoles, <i>Lithobates catesbeianus</i> , following exposure to different metals. <i>Environmental Pollution</i> , 2017 , 221, 445-452	9.3	25
51	Nanocapsules Containing Neem (<i>Azadirachta Indica</i>) Oil: Development, Characterization, And Toxicity Evaluation. <i>Scientific Reports</i> , 2017 , 7, 5929	4.9	33
50	Sericin from <i>Bombyx mori</i> cocoons. Part I: Extraction and physicochemical-biological characterization for biopharmaceutical applications. <i>Process Biochemistry</i> , 2017 , 61, 163-177	4.8	34
49	Development of HA/Ag-NPs Composite Coating from Green Process for Hip Applications. <i>Molecules</i> , 2017 , 22,	4.8	6

48	Oil palm monoculture induces drastic erosion of an Amazonian forest mammal fauna. <i>PLoS ONE</i> , 2017 , 12, e0187650	3.7	36
47	Nanoparticles cyto and genotoxicity in plants: Mechanisms and abnormalities. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2016 , 6, 184-193	3.3	30
46	Nanoparticles Based on Chitosan as Carriers for the Combined Herbicides Imazapic and Imazapyr. <i>Scientific Reports</i> , 2016 , 6, 19768	4.9	101
45	Scaffolds and tissue regeneration: An overview of the functional properties of selected organic tissues. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1483-94	3.5	8
44	15d-PGJ2-Loaded Solid Lipid Nanoparticles: Physicochemical Characterization and Evaluation of Pharmacological Effects on Inflammation. <i>PLoS ONE</i> , 2016 , 11, e0161796	3.7	13
43	Can a one-sampling campaign produce robust results for water quality monitoring? A case of study in Itupararanga reservoir, SP, Brazil. <i>Acta Limnologica Brasiliensia</i> , 2016 , 28,	0.9	2
42	Neem Oil and Crop Protection: From Now to the Future. <i>Frontiers in Plant Science</i> , 2016 , 7, 1494	6.2	69
41	Sub-Micrometer Magnetic Nanocomposites: Insights into the Effect of Magnetic Nanoparticles Interactions on the Optimization of SAR and MRI Performance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25777-25787	9.5	27
40	Nitric oxide releasing nanomaterials for cancer treatment: current status and perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 298-308	3	43
39	Biomarker Evaluation in Fish After Prolonged Exposure to Nano-TiO ₂ : Influence of Illumination Conditions and Crystal Phase. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 5424-33	1.3	21
38	Polymeric and Solid Lipid Nanoparticles for Sustained Release of Carbendazim and Tebuconazole in Agricultural Applications. <i>Scientific Reports</i> , 2015 , 5, 13809	4.9	106
37	Interlab study on nanotoxicology of representative graphene oxide. <i>Journal of Physics: Conference Series</i> , 2015 , 617, 012019	0.3	5
36	A novel dosage form for buccal administration of bupropion. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015 , 51, 91-100	1.8	4
35	Ploxamer-based binary hydrogels for delivering tramadol hydrochloride: sol-gel transition studies, dissolution-release kinetics, in vitro toxicity, and pharmacological evaluation. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2391-401	7.3	25
34	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, 422-32	5.7	96
33	Design, Reactivity, and Biological Activity of Ruthenium Nitrosyl Complexes. <i>Advances in Inorganic Chemistry</i> , 2015 , 67, 265-294	2.1	15
32	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, 562-72	12.8	50
31	Cytotoxicity and Genotoxicity of Biogenically Synthesized Silver Nanoparticles. <i>Nanomedicine and Nanotoxicology</i> , 2014 , 245-263	0.3	9

30	Toxicity assessment of TiO ₂ nanoparticles in zebrafish embryos under different exposure conditions. <i>Aquatic Toxicology</i> , 2014 , 147, 129-39	5.1	106
29	Nanotoxicity of graphene and graphene oxide. <i>Chemical Research in Toxicology</i> , 2014 , 27, 159-68	4	570
28	Chitosan/tripolyphosphate nanoparticles loaded with paraquat herbicide: an environmentally safer alternative for weed control. <i>Journal of Hazardous Materials</i> , 2014 , 278, 163-71	12.8	243
27	Preparation, characterization, cytotoxicity, and genotoxicity evaluations of thiolated- and s-nitrosated superparamagnetic iron oxide nanoparticles: implications for cancer treatment. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1207-18	4	55
26	Development of hydrophilic nanocarriers for the charged form of the local anesthetic articaine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 121, 66-73	6	26
25	Ecotoxicological evaluation of poly(epsilon-caprolactone) nanocapsules containing triazine herbicides. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 4911-7	1.3	57
24	Use of Ceramic Membrane for Indigo Separation in Effluent from Textile Industry. <i>Materials Science Forum</i> , 2014 , 798-799, 537-541	0.4	2
23	Analysis of the effects of pesticides and nanopesticides on the environment. <i>BMC Proceedings</i> , 2014 , 8,	2.3	4
22	Genetic Studies on the Effects of Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2014 , 177-199	0.3	2
21	Fish exposure to nano-TiO ₂ under different experimental conditions: methodological aspects for nanoecotoxicology investigations. <i>Science of the Total Environment</i> , 2013 , 463-464, 647-56	10.2	51
20	Study of adsorption and preconcentration by using a new silica organomodified with [3-(2,2,6,6-tetramethylpyridyl)propyl] groups. <i>Journal of Separation Science</i> , 2013 , 36, 817-25	3.4	13
19	Iron oxide nanoparticles show no toxicity in the comet assay in lymphocytes: A promising vehicle as a nitric oxide releasing nanocarrier in biomedical applications. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012021	0.3	11
18	Cytotoxicity and genotoxicity of biogenic silver nanoparticles. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012020	0.3	16
17	Nitric oxide releasing iron oxide magnetic nanoparticles for biomedical applications: cell viability, apoptosis and cell death evaluations. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012034	0.3	10
16	Poly(epsilon-caprolactone)nanocapsules as carrier systems for herbicides: physico-chemical characterization and genotoxicity evaluation. <i>Journal of Hazardous Materials</i> , 2012 , 231-232, 1-9	12.8	151
15	Evaluation of the genotoxicity of cellulose nanofibers. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3555-65	7.3	56
14	Silver nanoparticles: a brief review of cytotoxicity and genotoxicity of chemically and biogenically synthesized nanoparticles. <i>Journal of Applied Toxicology</i> , 2012 , 32, 867-79	4.1	357
13	Evaluation of Cyto- and Genotoxicity of Poly(lactide-co-glycolide) Nanoparticles. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 196-202	4.5	15

12	Controlled release system for ametryn using polymer microspheres: preparation, characterization and release kinetics in water. <i>Journal of Hazardous Materials</i> , 2011 , 186, 1645-51	12.8	95
11	Evaluation of the genotoxicity of chitosan nanoparticles for use in food packaging films. <i>Journal of Food Science</i> , 2010 , 75, N89-96	3.4	52
10	Characterization of Atrazine-Loaded Biodegradable Poly(Hydroxybutyrate-Co-Hydroxyvalerate) Microspheres. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 26-32	4.5	57
9	Encapsulation of Local Anesthetic Bupivacaine in Biodegradable Poly(DL-lactide-co-glycolide) Nanospheres: Factorial Design, Characterization and Cytotoxicity Studies. <i>Macromolecular Symposia</i> , 2009 , 281, 106-112	0.8	9
8	Twenty years of acanthamoeba keratitis. <i>Cornea</i> , 2009 , 28, 516-9	3.1	41
7	Preparation and characterization of ceria nanospheres by microwave-hydrothermal method. <i>Materials Letters</i> , 2008 , 62, 4509-4511	3.3	172
6	Study of the interaction between hydroxymethylnitrofurazone and 2-hydroxypropyl-beta-cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 295-302 ^{3.5}		34
5	An illustrative case of Lfï-Weill dyschondrosteosis. <i>Genetics and Molecular Biology</i> , 2008 , 31, 839-842	2	1
4	Initial development and characterization of PLGA nanospheres containing ropivacaine. <i>Journal of Biological Physics</i> , 2007 , 33, 455-61	1.6	29
3	Evaluation of the in vitro and in vivo dimorphism of <i>Sporothrix schenckii</i> , <i>Blastomyces dermatitidis</i> , and <i>Paracoccidioides brasiliensis</i> isolates after preservation in mineral oil. <i>Canadian Journal of Microbiology</i> , 2004 , 50, 445-9	3.2	9
2	Complications associated with anterior basement membrane dystrophy after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2004 , 30, 2328-31	2.3	21
1	Sistemas carreadores lipídicos nanoestruturados para ivermectina e metopreno visando controle de parasitas. <i>Química Nova</i> ,	1.6	3