

Marcelo Bispo de Jesus

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,744
citations

279487

23
h-index

182168

51
g-index

60
all docs

60
docs citations

60
times ranked

4961
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles: A new view on mechanistic aspects on antimicrobial activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 789-799.	1.7	1,082
2	Butyrate Protects Mice from <i>Clostridium difficile</i> -Induced Colitis through an HIF-1-Dependent Mechanism. <i>Cell Reports</i> , 2019, 27, 750-761.e7.	2.9	212
3	Nanoencapsulation Enhances the Post-Emergence Herbicidal Activity of Atrazine against Mustard Plants. <i>PLoS ONE</i> , 2015, 10, e0132971.	1.1	132
4	Solid lipid nanoparticles as nucleic acid delivery system: Properties and molecular mechanisms. <i>Journal of Controlled Release</i> , 2015, 201, 1-13.	4.8	106
5	Reduced graphene oxide induces transient blood-brain barrier opening: an in vivo study. <i>Journal of Nanobiotechnology</i> , 2015, 13, 78.	4.2	87
6	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
7	PEGylation of Reduced Graphene Oxide Induces Toxicity in Cells of the Blood-Brain Barrier: An <i>in Vitro</i> and <i>in Vivo</i> Study. <i>Molecular Pharmaceutics</i> , 2016, 13, 3913-3924.	2.3	71
8	Bacterial anti-microbial peptides and nano-sized drug delivery systems: The state of the art toward improved bacteriocins. <i>Journal of Controlled Release</i> , 2020, 321, 100-118.	4.8	62
9	Reduced graphene oxide: nanotoxicological profile in rats. <i>Journal of Nanobiotechnology</i> , 2016, 14, 53.	4.2	54
10	Ferruginol suppresses survival signaling pathways in androgen-independent human prostate cancer cells. <i>Biochimie</i> , 2008, 90, 843-854.	1.3	50
11	Evaluation of the side effects of poly(epsilon-caprolactone) nanocapsules containing atrazine toward maize plants. <i>Frontiers in Chemistry</i> , 2015, 3, 61.	1.8	41
12	Soft Nanohydrogels Based on Laponite Nanodiscs: A Versatile Drug Delivery Platform for Theranostics and Drug Cocktails. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21891-21900.	4.0	39
13	Theoretical and experimental study of a praziquantel and -cyclodextrin inclusion complex using molecular mechanic calculations and -nuclear magnetic resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1428-1432.	1.4	37
14	Microfluidic Assembly of pDNA/Cationic Liposome Lipoplexes with High pDNA Loading for Gene Delivery. <i>Langmuir</i> , 2016, 32, 1799-1807.	1.6	36
15	Non-inclusion complexes between riboflavin and cyclodextrins. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 832-842.	1.2	35
16	Improvement of tetracaine antinociceptive effect by inclusion in cyclodextrins. <i>Journal of Drug Targeting</i> , 2012, 20, 85-96.	2.1	34
17	Lignin derivatives stabilizing oil-in-water emulsions: Technological aspects, interfacial rheology and cytotoxicity. <i>Industrial Crops and Products</i> , 2020, 154, 112762.	2.5	32
18	Computational analysis and physico-chemical characterization of an inclusion compound between praziquantel and methyl-β-cyclodextrin for use as an alternative in the treatment of schistosomiasis. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 70, 19-28.	1.6	30

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19	Calix[6]arene bypasses human pancreatic cancer aggressiveness: Downregulation of receptor tyrosine kinases and induction of cell death by reticulum stress and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2856-2865.	1.9	30
20	Integrated microfluidic devices for the synthesis of nanoscale liposomes and lipoplexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 406-413.	2.5	29
21	NLRP3 inflammasome is involved in the recognition of <i>Paracoccidioides brasiliensis</i> by human dendritic cells and in the induction of Th17 cells. <i>Journal of Infection</i> , 2018, 77, 137-144.	1.7	28
22	Biogenic silver nanoparticles: In vitro and in vivo antitumor activity in bladder cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 162-170.	2.0	26
23	Current Challenges and Future of Lipid Nanoparticles Formulations for Topical Drug Application to Oral Mucosa, Skin, and Eye. <i>Current Pharmaceutical Design</i> , 2018, 23, 6659-6675.	0.9	24
24	Elucidation of inclusion compounds between β -cyclodextrin/local anaesthetics structure: a theoretical and experimental study using differential scanning calorimetry and molecular mechanics. <i>Computational and Theoretical Chemistry</i> , 2004, 678, 63-66.	1.5	23
25	Stability and Local Toxicity Evaluation of a Liposomal Prilocaine Formulation. <i>Journal of Liposome Research</i> , 2008, 18, 329-339.	1.5	22
26	Inclusion of the Helper Lipid Dioleoyl-Phosphatidylethanolamine in Solid Lipid Nanoparticles Inhibits Their Transfection Efficiency. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 355-365.	0.5	21
27	Microemulsion extrusion technique: a new method to produce lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	19
28	Synthesis, characterization, and cytotoxicity of glutathione-PEG-iron oxide magnetic nanoparticles. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	19
29	Factorial Design and Development of Solid Lipid Nanoparticles (SLN) for Gene Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1793-1800.	0.9	18
30	N-Acetylcysteine reverses silver nanoparticle intoxication in rats. <i>Nanotoxicology</i> , 2019, 13, 326-338.	1.6	18
31	Cellular Mechanisms in Nanomaterial Internalization, Intracellular Trafficking, and Toxicity. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 201-227.	0.1	17
32	Leucine-Rich Diet Modulates the Metabolomic and Proteomic Profile of Skeletal Muscle during Cancer Cachexia. <i>Cancers</i> , 2020, 12, 1880.	1.7	17
33	Design of solid lipid nanoparticles for gene delivery into prostate cancer. <i>Journal of Controlled Release</i> , 2010, 148, e89-e90.	4.8	16
34	Chitosan nanoparticles produced with the gradual temperature decrease technique for sustained gene delivery. <i>Biochemical Engineering Journal</i> , 2015, 103, 114-121.	1.8	16
35	Solid lipid nanoparticles release DNA upon endosomal acidification in human embryonic kidney cells. <i>Nanotechnology</i> , 2018, 29, 315102.	1.3	16
36	High-throughput conventional and stealth cationic liposome synthesis using a chaotic advection-based microfluidic device combined with a centrifugal vacuum concentrator. <i>Chemical Engineering Journal</i> , 2020, 382, 122821.	6.6	16

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37	Graphene-Based Nanomaterials in Soil: Ecotoxicity Assessment Using Enchytraeus crypticus Reduced Full Life Cycle. <i>Nanomaterials</i> , 2019, 9, 858.	1.9	15
38	Thiol-antioxidants interfere with assessing silver nanoparticle cytotoxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102130.	1.7	15
39	Mechanistic insights into the intracellular release of doxorubicin from pH-sensitive liposomes. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 110952.	2.5	15
40	The in vivo toxicological profile of cationic solid lipid nanoparticles. <i>Drug Delivery and Translational Research</i> , 2020, 10, 34-42.	3.0	14
41	Improvement of the oral praziquantel anthelmintic effect by cyclodextrin complexation. <i>Journal of Drug Targeting</i> , 2010, 18, 21-26.	2.1	13
42	Crosstalk between kinases, phosphatases and miRNAs in cancer. <i>Biochimie</i> , 2014, 107, 167-187.	1.3	10
43	The toxicity of silver nanomaterials (NM 300K) is reduced when combined with N-Acetylcysteine: Hazard assessment on Enchytraeus crypticus. <i>Environmental Pollution</i> , 2020, 256, 113484.	3.7	10
44	Protective effect of N-acetylcysteine on the toxicity of silver nanoparticles: Bioavailability and toxicokinetics in Enchytraeus crypticus. <i>Science of the Total Environment</i> , 2020, 715, 136797.	3.9	9
45	Nanomaterials in the Environment: Perspectives on in Vivo Terrestrial Toxicity Testing. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	8
46	PyScratch: An ease of use tool for analysis of scratch assays. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 193, 105476.	2.6	8
47	Leucine-Rich Diet Improved Muscle Function in Cachectic Walker 256 Tumour-Bearing Wistar Rats. <i>Cells</i> , 2021, 10, 3272.	1.8	7
48	How Lipid Cores Affect Lipid Nanoparticles as Drug and Gene Delivery Systems. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2016, , 1-42.	0.3	5
49	Evaluation of cytotoxicity of nanolipid carriers with structured Buriti oil in the Caco-2 and HepG2 cell lines. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1105-1118.	1.7	5
50	Dact1 is expressed during chicken and mouse skeletal myogenesis and modulated in human muscle diseases. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 256, 110645.	0.7	5
51	Galectin-3 Expression in Pancreatic Cell Lines Under Distinct Autophagy-Inducing Stimulus. <i>Microscopy and Microanalysis</i> , 2020, 26, 1187-1197.	0.2	4
52	Cell-surface glycosaminoglycans regulate the cellular uptake of charged polystyrene nanoparticles. <i>Nanoscale</i> , 2022, 14, 7350-7363.	2.8	4
53	Como estudar interações entre nanopartículas e sistemas biológicos. <i>Química Nova</i> , 0, , .	0.3	3
54	OUP accepted manuscript. <i>Journal of Pharmacy and Pharmacology</i> , 2021, , .	1.2	2

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55	Gene Therapy & Cell Therapy. Current Gene Therapy, 2021, 21, 361-361.	0.9	1
56	The polygonal model: A simple representation of biomolecules as a tool for teaching metabolism. Biochemistry and Molecular Biology Education, 2018, 46, 66-75.	0.5	0
57	Addendum: Cruz, B., et al. Leucine-Rich Diet Modulates the Metabolomic and Proteomic Profile of Skeletal Muscle during Cancer Cachexia. Cancers 2020, 12, 1880. Cancers, 2021, 13, 880.	1.7	0
58	Improvement of the oral praziquantel anthelmintic effect by cyclodextrin complexation. Journal of Drug Targeting, 2009, 00, 090722055016091-6.	2.1	0
59	Nanostructured Lipid Carriers Loaded with 17- β -Estradiol Accumulate into Hair Follicles. Journal of the Brazilian Chemical Society, 0, , .	0.6	0