Vanessa Carla Furtado Mosqueira

List of Publications by Year
in descending order

61 papers	2,382 citations	236833 25 h-index	206029 48 g-index
62 all docs	62 docs citations	62 times ranked	3080 citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between complement activation, cellular uptake and surface physicochemical aspects of novel PEG-modified nanocapsules. Biomaterials, 2001, 22, 2967-2979.	5.7	291
2	Biodistribution of long-circulating PEG-grafted nanocapsules in mice: effects of PEG chain length and density. Pharmaceutical Research, 2001, 18, 1411-1419.	1.7	245
3	Nanotechnology applied to the treatment of malaria. Advanced Drug Delivery Reviews, 2010, 62, 560-575.	6.6	237
4	Profile of wound healing process induced by allantoin. Acta Cirurgica Brasileira, 2010, 25, 460-461.	0.3	113
5	Poly(D,Lâ€Lactide) Nanocapsules Prepared by a Solvent Displacement Process: Influence of the Composition on Physicochemical and Structural Properties. Journal of Pharmaceutical Sciences, 2000, 89, 614-626.	1.6	107
6	Efficacy and Pharmacokinetics of Intravenous Nanocapsule Formulations of Halofantrine in Plasmodium berghei -Infected Mice. Antimicrobial Agents and Chemotherapy, 2004, 48, 1222-1228.	1.4	90
7	Release profiles and morphological characterization by atomic force microscopy and photon correlation spectroscopy of 99mTechnetium-fluconazole nanocapsules. International Journal of Pharmaceutics, 2008, 349, 152-160.	2.6	87
8	Interactions between a Macrophage Cell Line (J774A1) and Surface-modified Poly(D,L-lactide) Nanocapsules Bearing Poly(ethylene glycol). Journal of Drug Targeting, 1999, 7, 65-78.	2.1	82
9	Poly(D,L-lactide) nanocapsules prepared by a solvent displacement process: Influence of the composition on physicochemical and structural properties. Journal of Pharmaceutical Sciences, 2000, 89, 614.	1.6	80
10	Cardiotoxicity reduction induced by halofantrine entrapped in nanocapsule devices. Life Sciences, 2007, 80, 1327-1334.	2.0	64
11	Therapeutical approaches under investigation for treatment of Chagas disease. Expert Opinion on Investigational Drugs, 2014, 23, 1225-1237.	1.9	61
12	Chloroaluminium phthalocyanine polymeric nanoparticles as photosensitisers: Photophysical and physicochemical characterisation, release and phototoxicity in vitro. European Journal of Pharmaceutical Sciences, 2013, 49, 371-381.	1.9	55
13	Sesquiterpene Lactone in Nanostructured Parenteral Dosage Form Is Efficacious in Experimental Chagas Disease. Antimicrobial Agents and Chemotherapy, 2014, 58, 2067-2075.	1.4	52
14	A comparative study of the cellular uptake, localization and phototoxicity of meta-tetra(hydroxyphenyl) chlorin encapsulated in surface-modified submicronic oil/water carriers in HT29 tumor cells. Journal of Photochemistry and Photobiology B: Biology, 2000, 55, 164-171.	1.7	44
15	Paclitaxel-Loaded pH-Sensitive Liposome: New Insights on Structural and Physicochemical Characterization. Langmuir, 2018, 34, 5728-5737.	1.6	44
16	Surface-Modified and Conventional Nanocapsules as Novel Formulations for Parenteral Delivery of Halofantrine. Journal of Nanoscience and Nanotechnology, 2006, 6, 3193-3202.	0.9	41
17	HPLC-FLD methods to quantify chloroaluminum phthalocyanine in nanoparticles, plasma and tissue: application in pharmacokinetic and biodistribution studies. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 70-77.	1.4	40
18	PLA-PEG nanocapsules radiolabeled with 99mTechnetium-HMPAO: Release properties and physicochemical characterization by atomic force microscopy and photon correlation spectroscopy. European Journal of Pharmaceutical Sciences, 2008, 33, 42-51.	1.9	38

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19	Biodegradable Polymeric Nanocapsules Prevent Cardiotoxicity of Anti-Trypanosomal Lychnopholide. Scientific Reports, 2017, 7, 44998.	1.6	32
20	Ravuconazole self-emulsifying delivery system: in vitro activity against Trypanosoma cruzi amastigotes and in vivo toxicity. International Journal of Nanomedicine, 2017, Volume 12, 3785-3799.	3.3	31
21	Polymeric nanocapsules prevent oxidation of core-loaded molecules: evidence based on the effects of docosahexaenoic acid and neuroprostane on breast cancer cells proliferation. Journal of Experimental and Clinical Cancer Research, 2015, 34, 155.	3.5	30
22	Mechanisms of interaction of biodegradable polyester nanocapsules with non-phagocytic cells. European Journal of Pharmaceutical Sciences, 2018, 124, 89-104.	1.9	30
23	In vivoantimalarial efficacy of acetogenins, alkaloids and flavonoids enriched fractions fromAnnona crassifloraMart.. Natural Product Research, 2014, 28, 1254-1259.	1.0	29
24	Efficacy of Lychnopholide Polymeric Nanocapsules after Oral and Intravenous Administration in Murine Experimental Chagas Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 5215-5222.	1.4	29
25	Review on Experimental Treatment Strategies Against Trypanosoma cruzi. Journal of Experimental Pharmacology, 2021, Volume 13, 409-432.	1.5	28
26	Functional polylactide via ring-opening copolymerisation with allyl, benzyl and propargyl glycidyl ethers. European Polymer Journal, 2017, 90, 344-353.	2.6	25
27	Benznidazole self-emulsifying delivery system: A novel alternative dosage form for Chagas disease treatment. European Journal of Pharmaceutical Sciences, 2020, 145, 105234.	1.9	24
28	Biodistribution study and identification of inflammatory sites using nanocapsules labeled with 99mTcâ€“HMPAO. Nuclear Medicine Communications, 2009, 30, 749-755.	0.5	20
29	Improved nonclinical pharmacokinetics and biodistribution of a new PPAR pan-agonist and COX inhibitor in nanocapsule formulation. Journal of Controlled Release, 2015, 209, 207-218.	4.8	19
30	Poly-Caprolactone Nanocapsules Morphological Features by Atomic Force Microscopy. Microscopy and Microanalysis, 2005, 11, 48-51.	0.2	18
31	HPLC-DAD and UV-Spectrophotometry for the Determination of Lychnopholide in Nanocapsule Dosage Form: Validation and Application to Release Kinetic Study. Journal of Chromatographic Science, 2014, 52, 19-26.	0.7	18
32	Labeling PLA-PEG nanocarriers with IR780: physical entrapment versus covalent attachment to polylactide. Drug Delivery and Translational Research, 2020, 10, 1626-1643.	3.0	18
33	Phthalocyanine photosensitizer in polyethylene glycol-block-poly(lactide-co-benzyl glycidyl ether) nanocarriers: Probing the contribution of aromatic donor-acceptor interactions in polymeric nanospheres. Materials Science and Engineering C, 2019, 94, 220-233.	3.8	16
34	Lipid-based nanocarriers co-loaded with artemether and triglycerides of docosahexaenoic acid: Effects on human breast cancer cells. Biomedicine and Pharmacotherapy, 2021, 134, 111114.	2.5	16
35	Cloxacillin benzathine-loaded polymeric nanocapsules: Physicochemical characterization, cell uptake, and intramammary antimicrobial effect. Materials Science and Engineering C, 2019, 104, 110006.	3.8	15
36	Mechanisms of artemether toxicity on single cardiomyocytes and protective effect of nanoencapsulation. British Journal of Pharmacology, 2020, 177, 4448-4463.	2.7	15

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37	Lychnopholide in Poly(d , l -Lactide)- Block -Polyethylene Glycol Nanocapsules Cures Infection with a Drug-Resistant Trypanosoma cruzi Strain at Acute and Chronic Phases. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	15
38	Mechanistic insights into the intracellular release of doxorubicin from pH-sensitive liposomes. Biomedicine and Pharmacotherapy, 2021, 134, 110952.	2.5	15
39	Reduced cardiotoxicity and increased oral efficacy of artemether polymeric nanocapsules in Plasmodium berghei-infected mice. Parasitology, 2018, 145, 1075-1083.	0.7	14
40	IR780-polymer conjugates for stable near-infrared labeling of biodegradable polyester-based nanocarriers. European Polymer Journal, 2019, 120, 109255.	2.6	14
41	Impact of dose and surface features on plasmatic and liver concentrations of biodegradable polymeric nanocapsules. European Journal of Pharmaceutical Sciences, 2017, 105, 19-32.	1.9	13
42	Increased Body Exposure to New Anti-Trypanosomal Through Nanoencapsulation. Scientific Reports, 2017, 7, 8429.	1.6	13
43	Polymeric Nanostructures for Drug Delivery: Characterization by Atomic Force Microscopy. Microscopy and Microanalysis, 2005, 11, 36-39.	0.2	12
44	Release, transfer and partition of fluorescent dyes from polymeric nanocarriers to serum proteins monitored by asymmetric flow field-flow fractionation. Journal of Chromatography A, 2021, 1641, 461959.	1.8	12
45	Photodynamic therapy with the dual-mode association of IR780 to PEG-PLA nanocapsules and the effects on human breast cancer cells. Biomedicine and Pharmacotherapy, 2022, 145, 112464.	2.5	12
46	Nanotecnologia farmacÃªutica aplicada ao tratamento da malÃ¡ria. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2007, 43, 503-514.	0.5	11
47	Time and dose-dependence evaluation of nitroheterocyclic drugs for improving efficacy following Trypanosoma cruzi infection: A pre-clinical study. Biochemical Pharmacology, 2018, 148, 213-221.	2.0	11
48	The antileishmanial properties of surface-modified, primaquine-loaded nanocapsules tested against intramacrophagic Leishmania donovani amastigotes in vitro. Annals of Tropical Medicine and Parasitology, 2001, 95, 529-533.	1.6	8
49	Biodistribution of free and encapsulated 99mTc-fluconazole in an infection model induced by Candida albicans. Biomedicine and Pharmacotherapy, 2018, 99, 438-444.	2.5	6
50	Higher oral efficacy of ravuconazole in self-nanoemulsifying systems in shorter treatment in experimental chagas disease. Experimental Parasitology, 2021, 228, 108142.	0.5	6
51	Physical and biological effects of paclitaxel encapsulation on disteraroylphosphatidylethanolamine-polyethyleneglycol polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110760.	2.5	5
52	Uso de antimicrobiano nanoparticulado para o tratamento da mastite subclÃnica de ovelhas de corte no perÃodo seco. Pesquisa Veterinaria Brasileira, 2016, 36, 826-830.	0.5	4
53	Relationship between virulence factor genes in coagulase-negative Staphylococcus spp. and failure of antimicrobial treatment of subclinical mastitis in sheep. Pesquisa Veterinaria Brasileira, 2018, 38, 579-585.	0.5	4
54	Cloxacillin nanostructured formulation for the treatment of bovine keratoconjunctivitis. Veterinary and Animal Science, 2020, 9, 100089.	0.6	4

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55	Repositioning of Tamoxifen in Surface-Modified Nanocapsules as a Promising Oral Treatment for Visceral Leishmaniasis. Pharmaceutics, 2021, 13, 1061.	2.0	3
56	Polylactide Nanocapsules Attenuate Adverse Cardiac Cellular Effects of Lyso-7, a Pan-PPAR Agonist/Anti-Inflammatory New Thiazolidinedione. Pharmaceutics, 2021, 13, 1521.	2.0	3
57	Characterization and in vivo evaluation of nanocapsules loading 99mTc-MIBI for intramammary study. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 2353.	0.7	2
58	Nanomedicines against Chagas disease. , 2021, , 169-189.		2
59	Lecithin-based nanocapsule loading sucupira (Pterodon emarginatus) oil effects in experimental mucositis. Toxicology Reports, 2022, 9, 1537-1547.	1.6	2
60	Nanotechnology in Dentistry. Archives of Health Investigation, 2017, 6, .	0.0	1
61	PLA-PEG nanospheres decorated with phage display selected peptides as biomarkers for detection of human colorectal adenocarcinoma. Drug Delivery and Translational Research, 2020, 10, 1771-1787.	3.0	0