

Domingos C Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

6,664
citations

57681

46
h-index

68831

81
g-index

90
all docs

90
docs citations

90
times ranked

9451
citing authors

#	ARTICLE	IF	CITATIONS
1	Oromucosal precursors of in loco hydrogels for wound-dressing and drug delivery in oral mucositis: Retain, resist, and release. <i>Materials Science and Engineering C</i> , 2021, 118, 111413.	3.8	9
2	Lipid nanoparticles coated with chitosan using a one-step association method to target rifampicin to alveolar macrophages. <i>Carbohydrate Polymers</i> , 2021, 252, 116978.	5.1	19
3	Small Molecules of Marine Origin as Potential Anti-Glioma Agents. <i>Molecules</i> , 2021, 26, 2707.	1.7	3
4	Current Insights on Antifungal Therapy: Novel Nanotechnology Approaches for Drug Delivery Systems and New Drugs from Natural Sources. <i>Pharmaceuticals</i> , 2020, 13, 248.	1.7	81
5	Discovery of a New Xanthone against Glioma: Synthesis and Development of (Pro)liposome Formulations. <i>Molecules</i> , 2019, 24, 409.	1.7	14
6	Swellable polymeric particles for the local delivery of budesonide in oral mucositis. <i>International Journal of Pharmaceutics</i> , 2019, 566, 126-140.	2.6	14
7	pH-responsive chitosan based hydrogels affect the release of dapson: Design, set-up, and physicochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1268-1279.	3.6	39
8	Mannosylated solid lipid nanoparticles for the selective delivery of rifampicin to macrophages. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 653-663.	1.9	59
9	Overcoming clofazimine intrinsic toxicity: statistical modelling and characterization of solid lipid nanoparticles. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170932.	1.5	17
10	Challenges in the local delivery of peptides and proteins for oral mucositis management. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 131-146.	2.0	11
11	Synthesis and characterization of Locust Bean Gum derivatives and their application in the production of nanoparticles. <i>Carbohydrate Polymers</i> , 2018, 181, 974-985.	5.1	29
12	Mucoadhesive chitosan-coated solid lipid nanoparticles for better management of tuberculosis. <i>International Journal of Pharmaceutics</i> , 2018, 536, 478-485.	2.6	101
13	Development of PLGA nanoparticles loaded with clofazimine for oral delivery: Assessment of formulation variables and intestinal permeability. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 112, 28-37.	1.9	31
14	Nanosystems as modulators of intestinal dapson and clofazimine delivery. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1392-1396.	2.5	9
15	Chitosan/sulfated locust bean gum nanoparticles: In vitro and in vivo evaluation towards an application in oral immunization. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 786-797.	3.6	37
16	pH-sensitive nanoparticles for improved oral delivery of dapson: risk assessment, design, optimization and characterization. <i>Nanomedicine</i> , 2017, 12, 1975-1990.	1.7	15
17	Overcoming cisplatin resistance in non-small cell lung cancer with Mad2 silencing siRNA delivered systemically using EGFR-targeted chitosan nanoparticles. <i>Acta Biomaterialia</i> , 2017, 47, 71-80.	4.1	94
18	Cell-based in vitro models for ocular permeability studies. , 2016, , 129-154.		0

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19	Design and statistical modeling of mannose-decorated dapsone-containing nanoparticles as a strategy of targeting intestinal M-cells. <i>International Journal of Nanomedicine</i> , 2016, 11, 2601.	3.3	29
20	Pharmacological and toxicological assessment of innovative self-assembled polymeric micelles as powders for insulin pulmonary delivery. <i>Nanomedicine</i> , 2016, 11, 2305-2317.	1.7	22
21	Development and in vivo safety assessment of tenofovir-loaded nanoparticles-in-film as a novel vaginal microbicide delivery system. <i>Acta Biomaterialia</i> , 2016, 44, 332-340.	4.1	63
22	Nanoparticles-in-film for the combined vaginal delivery of anti-HIV microbicide drugs. <i>Journal of Controlled Release</i> , 2016, 243, 43-53.	4.8	86
23	Chitosan-based nanoparticles for rosmarinic acid ocular deliveryâ€”In vitro tests. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 112-120.	3.6	114
24	Biodistribution and pharmacokinetics of Mad2 siRNA-loaded EGFR-targeted chitosan nanoparticles in cisplatin sensitive and resistant lung cancer models. <i>Nanomedicine</i> , 2016, 11, 767-781.	1.7	51
25	Influence of glioma cells on a new co-culture in vitro bloodâ€”brain barrier model for characterization and validation of permeability. <i>International Journal of Pharmaceutics</i> , 2015, 490, 94-101.	2.6	31
26	Natural extracts into chitosan nanocarriers for rosmarinic acid drug delivery. <i>Pharmaceutical Biology</i> , 2015, 53, 642-652.	1.3	61
27	Sustained drug release by contact lenses for glaucoma treatmentâ€”A review. <i>Journal of Controlled Release</i> , 2015, 202, 76-82.	4.8	118
28	Biological assessment of self-assembled polymeric micelles for pulmonary administration of insulin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1621-1631.	1.7	39
29	Solid state formulations composed by amphiphilic polymers for delivery of proteins: characterization and stability. <i>International Journal of Pharmaceutics</i> , 2015, 486, 195-206.	2.6	25
30	Combinatorial-Designed Epidermal Growth Factor Receptor-Targeted Chitosan Nanoparticles for Encapsulation and Delivery of Lipid-Modified Platinum Derivatives in Wild-Type and Resistant Non-Small-Cell Lung Cancer Cells. <i>Molecular Pharmaceutics</i> , 2015, 12, 4466-4477.	2.3	18
31	Rational and precise development of amorphous polymeric systems with dapsone by response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 662-671.	3.6	18
32	Non-Small Cell Lung Carcinoma: An Overview on Targeted Therapy. <i>Current Drug Targets</i> , 2015, 16, 1448-1463.	1.0	33
33	Lipid nanoparticles for topical and transdermal application for alopecia treatment: development, physicochemical characterization, and in vitro release and penetration studies. <i>International Journal of Nanomedicine</i> , 2014, 9, 1231.	3.3	61
34	Chitosan as a biocontrol agent against the pinewood nematode (<i>Bursaphelenchus xylophilus</i>). <i>Forest Pathology</i> , 2014, 44, 420-423.	0.5	30
35	Treating Retinopathies â€” Nanotechnology as a Tool in Protecting Antioxidants Agents. , 2014, , 3539-3558.		2
36	Mad2 Checkpoint Gene Silencing Using Epidermal Growth Factor Receptor-Targeted Chitosan Nanoparticles in Non-Small Cell Lung Cancer Model. <i>Molecular Pharmaceutics</i> , 2014, 11, 3515-3527.	2.3	55

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37	Quality by Design: Discussing and Assessing the Solid Dispersions Risk. <i>Current Drug Delivery</i> , 2014, 11, 253-269.	0.8	12
38	Development and Validation Method for Simultaneous Quantification of Phenolic Compounds in Natural Extracts and Nanosystems. <i>Phytochemical Analysis</i> , 2013, 24, 638-644.	1.2	19
39	Bioactive xanthenes with effect on P-glycoprotein and prediction of intestinal absorption. <i>Medicinal Chemistry Research</i> , 2013, 22, 2115-2123.	1.1	15
40	Nanotechnology and pulmonary delivery to overcome resistance in infectious diseases. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1816-1827.	6.6	187
41	Brain targeting effect of camptothecin-loaded solid lipid nanoparticles in rat after intravenous administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 488-502.	2.0	114
42	Establishment of a triple co-culture in vitro cell models to study intestinal absorption of peptide drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 427-435.	2.0	225
43	Effect of freeze-drying, cryoprotectants and storage conditions on the stability of secondary structure of insulin-loaded solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2013, 456, 370-381.	2.6	62
44	Hydrolyzed Galactomannan-Modified Nanoparticles and Flower-Like Polymeric Micelles for the Active Targeting of Rifampicin to Macrophages. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1076-1087.	0.5	77
45	Models to Predict Intestinal Absorption of Therapeutic Peptides and Proteins. <i>Current Drug Metabolism</i> , 2013, 14, 4-20.	0.7	76
46	Lipid-based Nanocarriers As An Alternative for Oral Delivery of Poorly Water- Soluble Drugs: Peroral and Mucosal Routes. <i>Current Medicinal Chemistry</i> , 2012, 19, 4495-4510.	1.2	57
47	Risperidone Release from Solid Lipid Nanoparticles (SLN): Validated HPLC Method and Modelling Kinetic Profile. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 307-316.	0.3	23
48	Long-term stability, biocompatibility and oral delivery potential of risperidone-loaded solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012, 436, 798-805.	2.6	95
49	Brain delivery of camptothecin by means of solid lipid nanoparticles: Formulation design, in vitro and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2012, 439, 49-62.	2.6	104
50	Development and validation of a simple reversed-phase HPLC method for the determination of camptothecin in animal organs following administration in solid lipid nanoparticles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 880, 100-107.	1.2	30
51	Evaluation of thermal-oxidative stability and antglioma activity of <i>Zanthoxylum tingoassuiba</i> essential oil entrapped into multi- and unilamellar liposomes. <i>Journal of Liposome Research</i> , 2012, 22, 1-7.	1.5	44
52	Cell-based <i>in vitro</i> models for predicting drug permeability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 607-621.	1.5	113
53	Solid lipid nanoparticles (SLN) - based hydrogels as potential carriers for oral transmucosal delivery of Risperidone: Preparation and characterization studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 241-248.	2.5	79
54	Solid lipid nanoparticles as intracellular drug transporters: An investigation of the uptake mechanism and pathway. <i>International Journal of Pharmaceutics</i> , 2012, 430, 216-227.	2.6	137

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55	Multivariate design for the evaluation of lipid and surfactant composition effect for optimisation of lipid nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 613-623.	1.9	51
56	Nanocarriers for pulmonary administration of peptides and therapeutic proteins. <i>Nanomedicine</i> , 2011, 6, 123-141.	1.7	62
57	Chitosan Formulations as Carriers for Therapeutic Proteins. <i>Current Drug Discovery Technologies</i> , 2011, 8, 157-172.	0.6	55
58	Physicochemical properties of lipid nanoparticles: Effect of lipid and surfactant composition. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 815-824.	0.9	27
59	Preparation, characterization and biocompatibility studies on risperidone-loaded solid lipid nanoparticles (SLN): High pressure homogenization versus ultrasound. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 86, 158-165.	2.5	222
60	Chitosan-coated solid lipid nanoparticles enhance the oral absorption of insulin. <i>Drug Delivery and Translational Research</i> , 2011, 1, 299-308.	3.0	150
61	Micelle-based Systems for Pulmonary Drug Delivery and Targeting. <i>Drug Delivery Letters</i> , 2011, 1, 171-185.	0.2	15
62	Validation of a high-performance liquid chromatography method for the determination of (α)-bisabolol from particulate systems. <i>Biomedical Chromatography</i> , 2009, 23, 966-972.	0.8	10
63	Chitosan: An option for development of essential oil delivery systems for oral cavity care?. <i>Carbohydrate Polymers</i> , 2009, 76, 501-508.	5.1	118
64	Improving Oral Absorption of Samon Calcitonin by Trimyrustin Lipid Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 76-83.	0.5	44
65	Probing insulin's secondary structure after entrapment into alginate/chitosan nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 65, 10-17.	2.0	159
66	Insulin-Loaded Nanoparticles are Prepared by Alginate Iontropic Pre-Gelation Followed by Chitosan Polyelectrolyte Complexation. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 2833-2841.	0.9	200
67	Oral Bioavailability of Insulin Contained in Polysaccharide Nanoparticles. <i>Biomacromolecules</i> , 2007, 8, 3054-3060.	2.6	236
68	Cyclodextrin Multicomponent Complexation and Controlled Release Delivery Strategies to Optimize the Oral Bioavailability of Vinpocetine. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2018-2028.	1.6	28
69	Insulin-loaded alginate microspheres for oral delivery – Effect of polysaccharide reinforcement on physicochemical properties and release profile. <i>Carbohydrate Polymers</i> , 2007, 69, 725-731.	5.1	126
70	Alginate/Chitosan Nanoparticles are Effective for Oral Insulin Delivery. <i>Pharmaceutical Research</i> , 2007, 24, 2198-2206.	1.7	522
71	Oral insulin delivery by means of solid lipid nanoparticles. <i>International Journal of Nanomedicine</i> , 2007, 2, 743-9.	3.3	149
72	Characterization of insulin-loaded alginate nanoparticles produced by ionotropic pre-gelation through DSC and FTIR studies. <i>Carbohydrate Polymers</i> , 2006, 66, 1-7.	5.1	428

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73	Development and characterization of new insulin containing polysaccharide nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 53, 193-202.	2.5	212
74	Development and Comparison of Different Nanoparticulate Polyelectrolyte Complexes as Insulin Carriers. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 131-138.	0.9	144
75	Insulin encapsulation in reinforced alginate microspheres prepared by internal gelation. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 148-159.	1.9	108
76	Development and validation of a rapid reversed-phase HPLC method for the determination of insulin from nanoparticulate systems. <i>Biomedical Chromatography</i> , 2006, 20, 898-903.	0.8	90
77	Multicomponent complex formation between vinpocetine, cyclodextrins, tartaric acid and water-soluble polymers monitored by NMR and solubility studies. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 24, 1-13.	1.9	77
78	Chitosan-reinforced alginate microspheres obtained through the emulsification/internal gelation technique. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 31-40.	1.9	209
79	In vitro controlled release of vinpocetine-cyclodextrin-tartaric acid multicomponent complexes from HPMC swellable tablets. <i>Journal of Controlled Release</i> , 2005, 103, 325-339.	4.8	36
80	Microencapsulation of hemoglobin in chitosan-coated alginate microspheres prepared by emulsification/internal gelation. <i>AAPS Journal</i> , 2005, 7, E903-E913.	2.2	88
81	Physicochemical investigation of the effects of water-soluble polymers on vinpocetine complexation with β -cyclodextrin and its sulfobutyl ether derivative in solution and solid state. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 20, 253-266.	1.9	76
82	Investigation and Physicochemical Characterization of Vinpocetine-Sulfobutyl Ether .BETA.-Cyclodextrin Binary and Ternary Complexes. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 914-922.	0.6	86
83	Naproxen Availability from Variable-Dose and Weight Sustained-Release Tablets. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 221-225.	0.9	2
84	Design and Evaluation of a Lorazepam Transdermal Delivery System. <i>Drug Development and Industrial Pharmacy</i> , 1997, 23, 939-944.	0.9	15
85	Evaluation of an in Vitro Dissolution and Permeation Apparatus for Oral Solid Pharmaceutical Dosage Forms. <i>Drug Development and Industrial Pharmacy</i> , 1997, 23, 387-392.	0.9	1
86	Sustained-Release Tablet Containing Oxazepam: Study and Design. <i>Drug Development and Industrial Pharmacy</i> , 1995, 21, 591-604.	0.9	1
87	Polymer-Based Delivery Systems for Oral Delivery of Peptides and Proteins. , 0, , 207-226.		6
88	Amphiphilic Polymers: Drug Delivery. , 0, , 186-202.		0