

Ana Catarina Silva

List of Publications by Citations

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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.

42
papers

1,293
citations

19
h-index

35
g-index

54
ext. papers

1,562
ext. citations

4.2
avg. IF

4.94
L-index

#	Paper	IF	Citations
42	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, 158-65	6	188
41	Formulations based on solid lipid nanoparticles (SLN) and nanostructured lipid carriers (NLC) for cutaneous use: A review. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 112, 159-167	5.1	176
40	Miconazole-loaded nanostructured lipid carriers (NLC) for local delivery to the oral mucosa: improving antifungal activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 755-63	6	101
39	Long-term stability, biocompatibility and oral delivery potential of risperidone-loaded solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 798-805	6.5	80
38	Nose-to-brain delivery of lipid-based nanosystems for epileptic seizures and anxiety crisis. <i>Journal of Controlled Release</i> , 2019 , 295, 187-200	11.7	67
37	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, 241-8	6	65
36	Lipid Nanoparticles for Nasal/Intranasal Drug Delivery. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017 , 34, 257-282	2.8	51
35	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, 4495-510	4.3	51
34	Applications of polymeric and lipid nanoparticles in ophthalmic pharmaceutical formulations: present and future considerations. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014 , 17, 278-93	3.4	47
33	Improving oral absorption of Salmon calcitonin by trimyristin lipid nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2009 , 5, 76-83	4	39
32	Minoxidil-loaded nanostructured lipid carriers (NLC): characterization and rheological behaviour of topical formulations. <i>Die Pharmazie</i> , 2009 , 64, 177-82	1.5	32
31	Design, characterization, and clinical evaluation of argan oil nanostructured lipid carriers to improve skin hydration. <i>International Journal of Nanomedicine</i> , 2014 , 9, 3855-64	7.3	29
30	Intranasal delivery of nanostructured lipid carriers, solid lipid nanoparticles and nanoemulsions: A current overview of studies. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 925-940	15.5	29
29	Characterization and biocompatibility evaluation of cutaneous formulations containing lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017 , 519, 373-380	6.5	28
28	Current progresses on nanodelivery systems for the treatment of neuropsychiatric diseases: Alzheimer's and schizophrenia. <i>Current Pharmaceutical Design</i> , 2013 , 19, 7185-95	3.3	26
27	Nucleic Acids Delivery Systems: A Challenge for Pharmaceutical Technologists. <i>Current Drug Metabolism</i> , 2015 , 16, 3-16	3.5	22
26	Evaluation of the biocompatibility and skin hydration potential of vitamin E-loaded lipid nanosystems formulations: In vitro and human in vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 179, 242-249	6	21

25	Double Optimization of Rivastigmine-Loaded Nanostructured Lipid Carriers (NLC) for Nose-to-Brain Delivery Using the Quality by Design (QbD) Approach: Formulation Variables and Instrumental Parameters. <i>Pharmaceutics</i> , 2020 , 12,	6.4	20
24	Delivery systems for biopharmaceuticals. Part II: Liposomes, Micelles, Microemulsions and Dendrimers. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 955-65	2.6	20
23	Using the quality by design (QbD) approach to optimize formulations of lipid nanoparticles and nanoemulsions: A review. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 28, 102206	6	19
22	Biosimilar medicines used for cancer therapy in Europe: a review. <i>Drug Discovery Today</i> , 2019 , 24, 293-299.8		17
21	Risperidone Release from Solid Lipid Nanoparticles (SLN): Validated HPLC Method and Modelling Kinetic Profile. <i>Current Pharmaceutical Analysis</i> , 2012 , 8, 307-316	0.6	16
20	Lipid nanoparticles for the delivery of biopharmaceuticals. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 291-302	2.6	15
19	Therapeutic Strategies for Alzheimer's and Parkinson's Diseases by Means of Drug Delivery Systems. <i>Current Medicinal Chemistry</i> , 2016 , 23, 3618-3631	4.3	13
18	Intranasal lipid nanoparticles for the treatment of neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2017 ,	3.3	13
17	Biotechnology Applied to Cosmetics and Aesthetic Medicines. <i>Cosmetics</i> , 2020 , 7, 33	2.7	13
16	Scaffolds for Bone Regeneration: State of the Art. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2726-36	3.3	12
15	Improving Drug Delivery for Alzheimer's Disease Through Nose-to-Brain Delivery Using Nanoemulsions, Nanostructured Lipid Carriers (NLC) and in situ Hydrogels. <i>International Journal of Nanomedicine</i> , 2021 , 16, 4373-4390	7.3	12
14	In Vitro Studies on Nasal Formulations of Nanostructured Lipid Carriers (NLC) and Solid Lipid Nanoparticles (SLN). <i>Pharmaceutics</i> , 2021 , 14,	5.2	12
13	Delivery Systems for Biopharmaceuticals. Part I: Nanoparticles and Microparticles. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 940-54	2.6	10
12	Cytokines and Growth Factors. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020 , 171, 87-113	1.7	9
11	Sudden cardiac death in young adult. <i>Cardiovascular Toxicology</i> , 2014 , 14, 379-86	3.4	6
10	Lipid Nanoparticles Containing Mixtures of Antioxidants to Improve Skin Care and Cancer Prevention.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
9	Pessaries containing nanostructured lipid carriers (NLC) for prolonged vaginal delivery of progesterone. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 153, 105475	5.1	5
8	Adhesion in Dentin Prepared with Er,Cr:YSGG Laser: Systematic Review. <i>Contemporary Clinical Dentistry</i> , 2019 , 10, 129-134	0.6	4

7	Quality by design (QbD) optimization of diazepam-loaded nanostructured lipid carriers (NLC) for nose-to-brain delivery: Toxicological effect of surface charge on human neuronal cells. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120933	6.5	3
6	Thermosensitive in situ hydrogels of rivastigmine-loaded lipid-based nanosystems for nose-to-brain delivery: characterisation, biocompatibility, and drug deposition studies.. <i>International Journal of Pharmaceutics</i> , 2022 , 620, 121720	6.5	3
5	Hormones, Blood Products, and Therapeutic Enzymes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020 , 171, 115-153	1.7	1
4	Insights on the Formulation of Recombinant Proteins. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020 , 171, 23-54	1.7	0
3	Hematopoietic Growth Factors 2021 , 775-779		
2	Application of the Quality-by-Design (QbD) Approach to Improve the Nose-to-Brain Delivery of Diazepam-Loaded Nanostructured Lipid Carriers (NLCs). <i>Proceedings (mdpi)</i> , 2021 , 78, 40	0.3	
1	Thermosensitive Nasal In Situ Gels of Lipid-Based Nanosystems to Improve the Treatment of Alzheimer's Disease. <i>Proceedings (mdpi)</i> , 2021 , 78, 37	0.3	