

Luiza Abrahão Frank

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,067
citations

430442

18
h-index

414034

32
g-index

40
all docs

40
docs citations

40
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan as a coating material for nanoparticles intended for biomedical applications. <i>Reactive and Functional Polymers</i> , 2020, 147, 104459.	2.0	130
2	Improving drug biological effects by encapsulation into polymeric nanocapsules. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 623-639.	3.3	120
3	The use of chitosan as cationic coating or gel vehicle for polymeric nanocapsules: Increasing penetration and adhesion of imiquimod in vaginal tissue. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 202-212.	2.0	74
4	Gelatin-based membrane containing usnic acid-loaded liposome improves dermal burn healing in a porcine model. <i>International Journal of Pharmaceutics</i> , 2016, 513, 473-482.	2.6	61
5	Carvedilol-loaded nanocapsules: Mucoadhesive properties and permeability across the sublingual mucosa. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 88-95.	2.0	61
6	Advances of nanosystems containing cyclodextrins and their applications in pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2019, 559, 312-328.	2.6	56
7	Co-encapsulation of imiquimod and copaiba oil in novel nanostructured systems: promising formulations against skin carcinoma. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 79, 36-43.	1.9	53
8	Chitosan gel containing polymeric nanocapsules: a new formulation for vaginal drug delivery. <i>International Journal of Nanomedicine</i> , 2014, 9, 3151.	3.3	52
9	Hesperetin-loaded lipid-core nanocapsules in polyamide: a new textile formulation for topical drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2069-2079.	3.3	41
10	Mucoadhesive Properties of Eudragit®RS100, Eudragit®S100, and Poly(ε-caprolactone) Nanocapsules: Influence of the Vehicle and the Mucosal Surface. <i>AAPS PharmSciTech</i> , 2018, 19, 1637-1646.	1.5	40
11	Anticonvulsant, sedative, anxiolytic and antidepressant activities of the essential oil of <i>Annona vepretorum</i> in mice: Involvement of GABAergic and serotonergic systems. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1074-1087.	2.5	40
12	Altered aryl-hydrocarbon-receptor signalling affects regulatory and effector cell immunity in autoimmune hepatitis. <i>Journal of Hepatology</i> , 2021, 74, 48-57.	1.8	33
13	Imiquimod-loaded nanocapsules improve cytotoxicity in cervical cancer cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 9-17.	2.0	29
14	The use of nanoencapsulation to decrease human skin irritation caused by capsaicinoids. <i>International Journal of Nanomedicine</i> , 2014, 9, 951.	3.3	28
15	Dermatological applications of the flavonoid phloretin. <i>European Journal of Pharmacology</i> , 2020, 889, 173593.	1.7	26
16	Nanoencapsulation of Rose-Hip Oil Prevents Oil Oxidation and Allows Obtainment of Gel and Film Topical Formulations. <i>AAPS PharmSciTech</i> , 2016, 17, 863-871.	1.5	23
17	New pectin-based hydrogel containing imiquimod-loaded polymeric nanocapsules for melanoma treatment. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1829-1840.	3.0	20
18	An Inhalable Powder Formulation Based on Micro- and Nanoparticles Containing 5-Fluorouracil for the Treatment of Metastatic Melanoma. <i>Nanomaterials</i> , 2018, 8, 75.	1.9	19

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19	Innovative hydrogel containing polymeric nanocapsules loaded with phloretin: Enhanced skin penetration and adhesion. <i>Materials Science and Engineering C</i> , 2021, 120, 111681.	3.8	17
20	Endogenous antisense RNA curbs CD39 expression in Crohn's disease. <i>Nature Communications</i> , 2020, 11, 5894.	5.8	16
21	Chitosan-coated nanocapsules ameliorates the effect of olanzapine in prepulse inhibition of startle response (PPI) in rats following oral administration. <i>Reactive and Functional Polymers</i> , 2020, 148, 104493.	2.0	13
22	Direct effects of poly(ϵ -caprolactone) lipid-core nanocapsules on human immune cells. <i>Nanomedicine</i> , 2019, 14, 1429-1442.	1.7	12
23	Anti-HPV Nanoemulsified-Imiquimod: A New and Potent Formulation to Treat Cervical Cancer. <i>AAPS PharmSciTech</i> , 2020, 21, 54.	1.5	12
24	Production of Isotonic, Sterile, and Kinetically Stable Lipid-Core Nanocapsules for Injectable Administration. <i>AAPS PharmSciTech</i> , 2017, 18, 212-223.	1.5	11
25	Spray-dried carvedilol-loaded nanocapsules for sublingual administration: Mucoadhesive properties and drug permeability. <i>Powder Technology</i> , 2019, 354, 348-357.	2.1	11
26	Otoliths-composed gelatin/sodium alginate scaffolds for bone regeneration. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1716-1728.	3.0	11
27	Chemical stability, mass loss and hydrolysis mechanism of sterile and non-sterile lipid-core nanocapsules: The influence of the molar mass of the polymer wall. <i>Reactive and Functional Polymers</i> , 2018, 133, 161-172.	2.0	9
28	Production, characterization and application of nanotechnology-based vegetable multi-component theospheres in nonwovens: A women's intimate hygiene approach. <i>Textile Research Journal</i> , 2018, 88, 2292-2302.	1.1	6
29	(α)-linalool-Loaded Polymeric Nanocapsules Are a Potential Candidate to Fibromyalgia Treatment. <i>AAPS PharmSciTech</i> , 2020, 21, 184.	1.5	6
30	Technological Scenario for Masks in Patent Database During Covid-19 Pandemic. <i>AAPS PharmSciTech</i> , 2021, 22, 72.	1.5	6
31	Novel Treatment Approaches to Combat Trichomoniasis, a Neglected and Sexually Transmitted Infection Caused by <i>Trichomonas vaginalis</i> : Translational Perspectives. <i>Venereology</i> , 2022, 1, 47-80.	0.7	6
32	Pharmaceuticals agents for preventing NSAID-induced gastric ulcers: a patent review. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 677-686.	1.3	5
33	New nanotechnological formulation based on amiodarone-loaded lipid core nanocapsules displays anticryptococcal effect. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105816.	1.9	5
34	Gelatin-based mucoadhesive membranes containing inclusion complex of thymol/ β -cyclodextrin for treatment of oral infections. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 184-194.	1.8	4
35	Mapping the technological landscape of SARS, MERS, and SARS-CoV-2 vaccines. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 673-684.	0.9	3
36	Mapping of New Pharmacological Alternatives in the Face of the Emergence of Antibiotic Resistance in COVID-19 Patents Treated for Opportunistic Respiratory Bacterial Pathogens. <i>Recent Advances in Anti-Infective Drug Discovery</i> , 2022, 17, 34-53.	0.4	3

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37	Hesperetin-Based Hydrogels Protect the Skin against UV Radiation-Induced Damage. AAPS PharmSciTech, 2022, 23, .	1.5	3
38	Data of characterization and related assays of lipid-core nanocapsule formulations and their hydrolysis mechanism. Data in Brief, 2018, 21, 918-933.	0.5	2
39	Pharmaceutical Nanocarrier Characterization. , 2021, , 1-10.		0
40	Pharmaceutical Nanocarrier Characterization. , 2022, , 793-802.		0