

Raquel De Melo Barbosa

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.

36
papers

324
citations

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h-index

17
g-index

43
ext. papers

405
ext. citations

3.7
avg, IF

3.42
L-index

#	Paper	IF	Citations
36	Nanostructured lipid carriers as robust systems for topical lidocaine-prilocaine release in dentistry. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 192-202	5.1	54
35	Strategies for delivering local anesthetics to the skin: focus on liposomes, solid lipid nanoparticles, hydrogels and patches. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 1551-63	8	44
34	Development of a Sustained-release System for Nitric Oxide Delivery using Alginate/Chitosan Nanoparticles. <i>Current Nanoscience</i> , 2013 , 9, 1-7	1.4	26
33	Cytotoxicity of solid lipid nanoparticles and nanostructured lipid carriers containing the local anesthetic dibucaine designed for topical application. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012035	0.3	23
32	Development of solid dispersions of Flapachone in PEG and PVP by solvent evaporation method. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 750-756	3.6	20
31	Solid Lipid Nanoparticles for Dibucaine Sustained Release. <i>Pharmaceutics</i> , 2018 , 10,	6.4	17
30	Electron Paramagnetic Resonance and Small-Angle X-ray Scattering Characterization of Solid Lipid Nanoparticles and Nanostructured Lipid Carriers for Dibucaine Encapsulation. <i>Langmuir</i> , 2018 , 34, 13296-13304 ¹⁶	4.1	16
29	Brij detergents reveal new aspects of membrane microdomain in erythrocytes. <i>Molecular Membrane Biology</i> , 2014 , 31, 195-205	3.4	12
28	Study of pre-formulation and development of solid lipid nanoparticles containing perillyl alcohol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 767-774	4.1	12
27	Natural Inorganic Ingredients in Wound Healing. <i>Current Pharmaceutical Design</i> , 2020 , 26, 621-641	3.3	11
26	Influence of different surfactants on the physicochemical properties of elastic liposomes. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 360-369	3.4	7
25	Chaos game representation dataset of SARS-CoV-2 genome. <i>Data in Brief</i> , 2020 , 30, 105618	1.2	7
24	Innovative nanocompounds for cutaneous administration of classical antifungal drugs: a systematic review. <i>Journal of Dermatological Treatment</i> , 2019 , 30, 617-626	2.8	7
23	Preparation, characterisation and cell viability of encapsulated in alginate beads. <i>Journal of Microencapsulation</i> , 2020 , 37, 270-282	3.4	6
22	Design and characterization of a tuberculostatic hybrid based on interaction of ethambutol with a raw palygorskite. <i>Applied Clay Science</i> , 2019 , 181, 105213	5.2	6
21	Lipid-based colloidal carriers for transdermal administration of bioactives 2019 , 369-397		6
20	Nanoclays in drug delivery systems 2020 , 185-202		5

19	Proposal of the CAD System for Melanoma Detection Using Reconfigurable Computing. <i>Sensors</i> , 2020 , 20,	3.8	5
18	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging.. <i>Nanomaterials</i> , 2022 , 12,	5.4	5
17	Comparative analyses of response surface methodology and artificial neural networks on incorporating tetracaine into liposomes. <i>Brazilian Journal of Pharmaceutical Sciences</i> ,56,	1.8	5
16	Activity enhancement of selective antitumoral selenodiazoles formulated with poloxamine micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 463-469	6	4
15	Loading of 5-aminosalicylic in solid lipid microparticles (SLM). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 1151-1159	4.1	4
14	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
13	In vivotoxicity of enoxaparin encapsulated in mucoadhesive nanoparticles: Topical application in a wound healing model. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012031	0.3	3
12	Data stream dataset of SARS-CoV-2 genome. <i>Data in Brief</i> , 2020 , 31, 105829	1.2	2
11	Spin Label and SAXS Study of Cetylpalmitate Solid Lipid Nanoparticles Loaded with Dibucaine. <i>Biophysical Journal</i> , 2013 , 104, 344a	2.9	2
10	Physicochemical characterization of surfactant incorporating vesicles that incorporate colloidal magnetite. <i>Journal of Liposome Research</i> , 2013 , 23, 47-53	6.1	2
9	Nanocomposite gels of poloxamine and Laponite for β -lapachone release in anticancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 163, 105861	5.1	2
8	Node and Link Allocation in Network Virtualization Based on Distributed Constraint Optimization. <i>Journal of Network and Systems Management</i> , 2018 , 26, 127-146	2.1	1
7	Annatto Oil Loaded Nanostructured Lipid Carriers: A Potential New Treatment for Cutaneous Leishmaniasis. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
6	Solid dispersion of β -lapachone in PVP K30 and PEG 6000 by spray drying technique. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 146, 2523	4.1	1
5	Combination drug delivery system to enhance the transdermal drug delivery of bioactive molecules 2022 , 65-80		1
4	Smart Design Nano-Hybrid Formulations by Machine Learning. <i>Proceedings (mdpi)</i> , 2021 , 78, 5	0.3	
3	Chitosan-coated poly (ϵ -caprolactone) nanoparticles as acaricide carriers. <i>Ticks and Tick-borne Diseases</i> , 2022 , 13, 101849	3.6	
2	Natural Polysaccharides From Aloe vera L. Gel (Aloe barbadensis Miller): Processing Techniques and Analytical Methods 2021 , 1-22		

- 1 Hybrid Lipid/Clay Carrier Systems Containing Annatto Oil for Topical Formulations. *Pharmaceutics*, **2022**, 14, 1067 6.4