

# Raquel De Melo Barbosa

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

505  
citations

686830

13  
h-index

713013

21  
g-index

43  
all docs

43  
docs citations

43  
times ranked

674  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured lipid carriers as robust systems for topical lidocaine-prilocaine release in dentistry. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 192-202.	1.9	72
2	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, 1551-1563.	2.4	55
3	Solid Lipid Nanoparticles for Dibucaine Sustained Release. <i>Pharmaceutics</i> , 2018, 10, 231.	2.0	31
4	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	28
5	Development of a Sustained-release System for Nitric Oxide Delivery using Alginate/Chitosan Nanoparticles. <i>Current Nanoscience</i> , 2013, 9, 1-7.	0.7	27
6	Development of solid dispersions of $\hat{1}^2$ -lapachone in PEG and PVP by solvent evaporation method. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 750-756.	0.9	24
7	Natural Inorganic Ingredients in Wound Healing. <i>Current Pharmaceutical Design</i> , 2020, 26, 621-641.	0.9	24
8	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.	1.6	19
9	Brij detergents reveal new aspects of membrane microdomain in erythrocytes. <i>Molecular Membrane Biology</i> , 2014, 31, 195-205.	2.0	16
10	Preparation, characterisation and cell viability of encapsulated <i>Trichoderma asperellum</i> in alginate beads. <i>Journal of Microencapsulation</i> , 2020, 37, 270-282.	1.2	16
11	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.	2.0	15
12	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. <i>Nanomaterials</i> , 2022, 12, 377.	1.9	15
13	Design and characterization of a tuberculostatic hybrid based on interaction of ethambutol with a raw palygorskite. <i>Applied Clay Science</i> , 2019, 181, 105213.	2.6	13
14	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. <i>Pharmaceutics</i> , 2021, 13, 1199.	2.0	13
15	Chaos game representation dataset of SARS-CoV-2 genome. <i>Data in Brief</i> , 2020, 30, 105618.	0.5	12
16	Innovative nanocompounds for cutaneous administration of classical antifungal drugs: a systematic review. <i>Journal of Dermatological Treatment</i> , 2019, 30, 617-626.	1.1	11
17	Nanocomposite gels of poloxamine and Laponite for $\hat{1}^2$ -Lapachone release in anticancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105861.	1.9	11
18	Proposal of the CAD System for Melanoma Detection Using Reconfigurable Computing. <i>Sensors</i> , 2020, 20, 3168.	2.1	10

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19	Activity enhancement of selective antitumoral selenodiazoles formulated with poloxamine micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 463-469.	2.5	9
20	Influence of different surfactants on the physicochemical properties of elastic liposomes. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 360-369.	1.1	8
21	Loading of 5-aminosalicylic in solid lipid microparticles (SLM). <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1151-1159.	2.0	8
22	A Novel Deep Neural Network Technique for Drug-Target Interaction. <i>Pharmaceutics</i> , 2022, 14, 625.	2.0	8
23	Clays as Vehicles for Drug Photostability. <i>Pharmaceutics</i> , 2022, 14, 796.	2.0	8
24	Comparative analyses of response surface methodology and artificial neural networks on incorporating tetracaine into liposomes. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	7
25	Lipid-based colloidal carriers for transdermal administration of bioactives. , 2019, , 369-397.		6
26	Nanoclays in drug delivery systems. , 2020, , 185-202.		6
27	Data stream dataset of SARS-CoV-2 genome. <i>Data in Brief</i> , 2020, 31, 105829.	0.5	5
28	Anatto Oil Loaded Nanostructured Lipid Carriers: A Potential New Treatment for Cutaneous Leishmaniasis. <i>Pharmaceutics</i> , 2021, 13, 1912.	2.0	5
29	Solid dispersion of Î²-lapachone in PVP K30 and PEG 6000 by spray drying technique. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2523-2532.	2.0	4
30	<i>In vivo</i> toxicity 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
31	Node and Link Allocation in Network Virtualization Based on Distributed Constraint Optimization. <i>Journal of Network and Systems Management</i> , 2018, 26, 127-146.	3.3	3
32	Spin Label and SAXS Study of Cetylpalmitate Solid Lipid Nanoparticles Loaded with Dibucaine. <i>Biophysical Journal</i> , 2013, 104, 344a.	0.2	2
33	Physicochemical characterization of surfactant incorporating vesicles that incorporate colloidal magnetite. <i>Journal of Liposome Research</i> , 2013, 23, 47-53.	1.5	2
34	Chitosan-coated poly (ε-caprolactone) nanoparticles as acaricide carriers. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101849.	1.1	2
35	Structural Effects of Dibucaine Encapsulation into Solid Lipid Nanoparticles and Nanostructured Lipid Carriers. <i>Biophysical Journal</i> , 2013, 104, 344a.	0.2	1
36	Combination drug delivery system to enhance the transdermal drug delivery of bioactive molecules. , 2022, , 65-80.		1

#	ARTICLE	IF	CITATIONS
37	Unsupervised Learning Applied to the Stratification of Preterm Birth Risk in Brazil with Socioeconomic Data. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5596.	1.2	1
38	Smart Design Nano-Hybrid Formulations by Machine Learning. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	0
39	Hybrid Lipid/Clay Carrier Systems Containing Annatto Oil for Topical Formulations. <i>Pharmaceutics</i> , 2022, 14, 1067.	2.0	0
40	New Machine Learning Approach for the Optimization of Nano-Hybrid Formulations. <i>Nanomanufacturing</i> , 2022, 2, 82-97.	1.8	0