

Maria Helena Amaral

List of Publications by Year in descending order

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88
papers

3,625
citations

145106

33
h-index

162838

57
g-index

91
all docs

91
docs citations

91
times ranked

5754
citing authors

#	ARTICLE	IF	CITATIONS
1	Formulation, Characterization, and Cytotoxicity Evaluation of Lactoferrin Functionalized Lipid Nanoparticles for Riluzole Delivery to the Brain. <i>Pharmaceutics</i> , 2022, 14, 185.	2.0	26
2	Stimuli-responsive hydrogels for intratumoral drug delivery. <i>Drug Discovery Today</i> , 2021, 26, 2397-2405.	3.2	44
3	Design and characterization of Nanostructured lipid carriers (NLC) and Nanostructured lipid carrier-based hydrogels containing <i>Passiflora edulis</i> seeds oil. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120444.	2.6	28
4	Recent Developments in Microfluidic Technologies for Central Nervous System Targeted Studies. <i>Pharmaceutics</i> , 2020, 12, 542.	2.0	25
5	Functionalizing nanoparticles with cancer-targeting antibodies: A comparison of strategies. <i>Journal of Controlled Release</i> , 2020, 320, 180-200.	4.8	170
6	Current insights on lipid nanocarrier-assisted drug delivery in the treatment of neurodegenerative diseases. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 149, 192-217.	2.0	69
7	Identification and Quantification of Stilbenes (Piceatannol and Resveratrol) in <i>Passiflora edulis</i> By-Products. <i>Pharmaceutics</i> , 2020, 13, 73.	1.7	18
8	Lipid nanocarriers containing <i>Passiflora edulis</i> seeds oil intended for skin application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111057.	2.5	9
9	Biotechnology Applied to Cosmetics and Aesthetic Medicines. <i>Cosmetics</i> , 2020, 7, 33.	1.5	36
10	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.	2.5	33
11	Characterization of Portuguese gypsums as raw materials for dermocosmetics. <i>Clay Minerals</i> , 2019, 54, 277-281.	0.2	2
12	Nose-to-brain delivery of lipid-based nanosystems for epileptic seizures and anxiety crisis. <i>Journal of Controlled Release</i> , 2019, 295, 187-200.	4.8	114
13	In-service characterization of a polymer wick-based quasi-dry electrode for rapid pasteless electroencephalography. <i>Biomedizinische Technik</i> , 2018, 63, 349-359.	0.9	21
14	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.	1.9	261
15	Editorial: Applications of Solid Lipid Nanoparticles (SLN) and Nanostructured Lipid Carriers (NLC): State of the Art. <i>Current Pharmaceutical Design</i> , 2018, 23, 6551-6552.	0.9	4
16	Intranasal Lipid Nanoparticles for the Treatment of Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2018, 23, 6553-6562.	0.9	17
17	Preparation, characterization and biocompatibility studies of thermoresponsive eyedrops based on the combination of nanostructured lipid carriers (NLC) and the polymer Pluronic F-127 for controlled delivery of ibuprofen. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 336-349.	1.1	57
18	Characterization and biocompatibility evaluation of cutaneous formulations containing lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017, 519, 373-380.	2.6	37

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19	Alginate-based hydrogels as an alternative to electrolytic gels for rapid EEG monitoring and easy cleaning procedures. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 273-283.	4.0	40
20	Lipid-Based Nanocarriers in Cancer Therapy. , 2017, , 51-66.		1
21	Lipid Nanoparticles for Nasal/Intranasal Drug Delivery. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 257-282.	1.2	89
22	Editorial: Applications of Solid Lipid Nanoparticles (SLN) and Nanostructured Lipid Carriers (NLC): State of the Art. <i>Current Pharmaceutical Design</i> , 2017, 24, .	0.9	4
23	The role of liposomes and lipid nanoparticles in the skin hydration. , 2016, , 297-326.		8
24	Comparison between sensory and instrumental characterization of topical formulations: impact of thickening agents. <i>International Journal of Cosmetic Science</i> , 2016, 38, 389-398.	1.2	57
25	Assessing a novel polymer-wick based electrode for EEG neurophysiological research. <i>Journal of Neuroscience Methods</i> , 2016, 267, 126-131.	1.3	20
26	Permeation of topically applied caffeine from a food by-product in cosmetic formulations: Is nanoscale in vitro approach an option?. <i>International Journal of Pharmaceutics</i> , 2016, 513, 496-503.	2.6	41
27	Development of mucoadhesive and thermosensitive eyedrops to improve the ophthalmic bioavailability of ibuprofen. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 69-80.	1.4	30
28	Application of Coffee Silverskin in cosmetic formulations: physical/antioxidant stability studies and cytotoxicity effects. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 99-106.	0.9	33
29	In vitro and in vivo comparative study of cosmetic ingredients Coffee silverskin and hyaluronic acid. <i>Experimental Dermatology</i> , 2016, 25, 572-574.	1.4	25
30	Exploring the antioxidant potentiality of two food by-products into a topical cream: stability, in vitro and in vivo evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 880-889.	0.9	27
31	Therapeutic Strategies for Alzheimer's and Parkinson's Diseases by Means of Drug Delivery Systems. <i>Current Medicinal Chemistry</i> , 2016, 23, 3618-3631.	1.2	16
32	Scaffolds for Bone Regeneration: State of the Art. <i>Current Pharmaceutical Design</i> , 2016, 22, 2726-2736.	0.9	17
33	New Thermoresponsive Eyedrop Formulation Containing Ibuprofen Loaded-Nanostructured Lipid Carriers (NLC): Development, Characterization and Biocompatibility Studies. <i>Current Drug Delivery</i> , 2016, 13, 953-970.	0.8	7
34	EDITORIAL (Thematic Issue: Advances in Pharmaceutical Biotechnology). <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 938-939.	0.9	2
35	Nucleic Acids Delivery Systems: A Challenge for Pharmaceutical Technologists. <i>Current Drug Metabolism</i> , 2015, 16, 3-16.	0.7	29
36	Editorial (Thematic Issue: New Trends in Pharmaceutical Nanotechnology). <i>Current Pharmaceutical Design</i> , 2015, 21, 5169-5171.	0.9	2

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37	Nanotechnological carriers for cancer chemotherapy: The state of the art. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 631-648.	2.5	228
38	Characterization of an antioxidant surfactant-free topical formulation containing <i>Castanea sativa</i> leaf extract. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 148-155.	0.9	23
39	Coffee silverskin: A possible valuable cosmetic ingredient. <i>Pharmaceutical Biology</i> , 2015, 53, 386-394.	1.3	64
40	Women's experiences, preferences and perceptions regarding vaginal products: Results from a cross-sectional web-based survey in Portugal. <i>European Journal of Contraception and Reproductive Health Care</i> , 2015, 20, 259-271.	0.6	28
41	Are coffee silverskin extracts safe for topical use? An in vitro and in vivo approach. <i>Industrial Crops and Products</i> , 2015, 63, 167-174.	2.5	42
42	Development of an injectable PHBV microparticles-GG hydrogel hybrid system for regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2015, 478, 398-408.	2.6	29
43	Vaginal suppositories containing <i>Lactobacillus acidophilus</i> : development and characterization. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1518-1525.	0.9	19
44	Characterization of freezing effect upon stability of, probiotic loaded, calcium-alginate microparticles. <i>Food and Bioproducts Processing</i> , 2015, 93, 90-97.	1.8	34
45	Nanoparticles in Ocular Drug Delivery Systems for Topical Administration: Promises and Challenges. <i>Current Pharmaceutical Design</i> , 2015, 21, 5212-5224.	0.9	38
46	Lipid Nanoparticles for the Delivery of Biopharmaceuticals. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 291-302.	0.9	18
47	Delivery Systems for Biopharmaceuticals. Part I: Nanoparticles and Microparticles. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 940-954.	0.9	12
48	Delivery systems for biopharmaceuticals. Part II: Liposomes, Micelles, Microemulsions and Dendrimers. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 955-965.	0.9	23
49	Design, characterization, and clinical evaluation of argan oil nanostructured lipid carriers to improve skin hydration. <i>International Journal of Nanomedicine</i> , 2014, 9, 3855.	3.3	37
50	What do Portuguese Women Prefer Regarding Vaginal Products? Results from a Cross-Sectional Web-Based Survey. <i>Pharmaceutics</i> , 2014, 6, 543-556.	2.0	11
51	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.	0.9	57
52	Characterization and stability studies of emulsion systems containing pumice. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 361-369.	1.2	28
53	In situ gelling systems: a strategy to improve the bioavailability of ophthalmic pharmaceutical formulations. <i>Drug Discovery Today</i> , 2014, 19, 400-412.	3.2	182
54	Photodegradation of avobenzone: Stabilization effect of antioxidants. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 36-40.	1.7	131

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55	Characterization, sensorial evaluation and moisturizing efficacy of nanolipidgel formulations. <i>International Journal of Cosmetic Science</i> , 2014, 36, 159-166.	1.2	29
56	Study of the isoflavone content of different extracts of <i>Medicago</i> spp. as potential active ingredient. <i>Industrial Crops and Products</i> , 2014, 57, 110-115.	2.5	37
57	Use of solid dispersions to increase stability of dithranol in topical formulations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 583-590.	1.2	4
58	Development of Probiotic Tablets Using Microparticles: Viability Studies and Stability Studies. <i>AAPS PharmSciTech</i> , 2013, 14, 121-127.	1.5	37
59	<i>Medicago</i> spp. extracts as promising ingredients for skin care products. <i>Industrial Crops and Products</i> , 2013, 49, 634-644.	2.5	59
60	Applications of poloxamers in ophthalmic pharmaceutical formulations: an overview. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1223-1237.	2.4	119
61	Degradation of UV filters 2-ethylhexyl-4-methoxycinnamate and 4-tert-butyl-4'-methoxydibenzoylmethane in chlorinated water. <i>Environmental Chemistry</i> , 2013, 10, 127.	0.7	32
62	Current Progresses on Nanodelivery Systems for the Treatment of Neuropsychiatric Diseases: Alzheimer's and Schizophrenia. <i>Current Pharmaceutical Design</i> , 2013, 19, 7185-7195.	0.9	31
63	Influence of Drug Incorporation, Temperature and Storage Time on the pH, Textural and Rheological Properties of Different Poloxamer Hydrogels. <i>Current Drug Delivery</i> , 2013, 10, 753-764.	0.8	8
64	Storage Stability of <i>Lactobacillus paracasei</i> as Free Cells or Encapsulated in Alginate-Based Microcapsules in Low pH Fruit Juices. <i>Food and Bioprocess Technology</i> , 2012, 5, 2748-2757.	2.6	51
65	Pluronic® F-127 and Pluronic Lecithin Organogel (PLO): Main Features and their Applications in Topical and Transdermal Administration of Drugs. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 592.	0.9	76
66	Comparative study of sustained-release lipid microparticles and solid dispersions containing ibuprofen. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012, 48, 529-536.	1.2	7
67	Encapsulation of probiotic strains in plain or cysteine-supplemented alginate improves viability at storage below freezing temperatures. <i>Engineering in Life Sciences</i> , 2012, 12, 457-465.	2.0	29
68	Effects of encapsulation on the viability of probiotic strains exposed to lethal conditions. <i>International Journal of Food Science and Technology</i> , 2012, 47, 416-421.	1.3	16
69	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
70	Prolonged-release solid dispersions of ibuprofen. <i>Journal of Applied Pharmaceutical Science</i> , 2012, , .	0.7	0
71	Influence of L-cysteine, oxygen and relative humidity upon survival throughout storage of probiotic bacteria in whey protein-based microcapsules. <i>International Dairy Journal</i> , 2011, 21, 869-876.	1.5	94
72	Drugs obtained by biotechnology processing. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011, 47, 199-207.	1.2	11

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73	On the viability of five probiotic strains when immobilised on various polymers. International Journal of Dairy Technology, 2011, 64, 137-144.	1.3	19
74	Sodium Tripolyphosphate: An excipient with intrinsic in vitro anti-Candida activity. International Journal of Pharmaceutics, 2011, 421, 130-134.	2.6	28
75	Comparison of different chemometric and analytical methods for the prediction of particle size distribution in pharmaceutical powders. Analytical and Bioanalytical Chemistry, 2011, 399, 2137-2147.	1.9	18
76	Determination of flow properties of pharmaceutical powders by near infrared spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 484-492.	1.4	58
77	Antifungal activity of a gel containing <i>Thymus vulgaris</i> essential oil against <i>Candida</i> species commonly involved in vulvovaginal candidosis. Pharmaceutical Biology, 2009, 47, 151-153.	1.3	17
78	Rheological Properties of Vaginal Hydrophilic Polymer Gels. Current Drug Delivery, 2009, 6, 83-92.	0.8	58
79	Foamability of Detergent Solutions Prepared with Different Types of Surfactants and Waters. Journal of Surfactants and Detergents, 2008, 11, 275-278.	1.0	26
80	Oak leaf extract as topical antioxidant: Free radical scavenging and iron chelating activities and <i>in vivo</i> skin irritation potential. BioFactors, 2008, 33, 267-279.	2.6	18
81	<i>In vivo</i> Skin Irritation Potential of a <i>Castanea sativa</i> (Chestnut) Leaf Extract, a Putative Natural Antioxidant for Topical Application. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 461-467.	1.2	49
82	Local Treatment of Vulvovaginal Candidosis. Drugs, 2008, 68, 1787-1802.	4.9	52
83	Performance of an in vitro mucoadhesion testing method for vaginal semisolids: Influence of different testing conditions and instrumental parameters. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 622-632.	2.0	67
84	Effect of hydroxypropyl methylcellulose and hydrogenated castor oil on naproxen release from sustained-release tablets. AAPS PharmSciTech, 2001, 2, 14-21.	1.5	35
85	Naproxen Availability from Variable-Dose and Weight Sustained-Release Tablets. Drug Development and Industrial Pharmacy, 2001, 27, 221-225.	0.9	2
86	Vaginal Drug Delivery. , 0, , 809-878.		17
87	Development of microemulsions and sticks containing passion fruit seeds oil. , 0, , .		0
88	Evaluation of stilbenes content in <i>Passiflora edulis</i> by-products of the food industry. , 0, , .		0