Marcilio S S Cunha-Filho

List of Publications by Year
in descending order

108 papers	2,092 citations	218592 26 h-index	330025 37 g-index
113 all docs	113 docs citations	113 times ranked	2209 citing authors

#	Article	IF	Citations
1	Three-dimensional printed personalized drug devices with anatomical fit: a review. Journal of Pharmacy and Pharmacology, 2022, 74, 1391-1405.	1.2	2
2	Preformulation and characterization of raloxifene-loaded lipid nanoparticles for transdermal administration. Drug Delivery and Translational Research, 2022, 12, 526-537.	3.0	4
3	Polymeric nanocapsules: A review on design and production methods for pharmaceutical purpose. Methods, 2022, 199, 54-66.	1.9	30
4	Compatibility and stability studies involving polymers used in fused deposition modeling 3D printing of medicines. Journal of Pharmaceutical Analysis, 2022, 12, 424-435.	2.4	11
5	Thermal analysis applied to the development of nanostructured lipid carriers loading propranolol using quality-by-design strategies. Thermochimica Acta, 2022, 708, 179143.	1.2	1
6	Application of hot-melt extrusion in the complexation of naringenin with cyclodextrin using hydrophilic polymers. Advanced Powder Technology, 2022, 33, 103380.	2.0	15
7	Skin Regenerative Potential of CupuaÃ§u Seed Extract (Theobroma grandiflorum), a Native Fruit from the Amazon: Development of a Topical Formulation Based on Chitosan-Coated Nanocapsules. Pharmaceutics, 2022, 14, 207.	2.0	7
8	Nanostructured lipid carriers loaded with an association of minoxidil and latanoprost for targeted topical therapy of alopecia. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 78-88.	2.0	15
9	Oscillatory shear rheology as an in-process control tool for 3D printing medicines production by fused deposition modeling. Journal of Manufacturing Processes, 2022, 76, 850-862.	2.8	14
10	Validation of a simple chromatographic method for naringenin quantification in skin permeation experiments. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1201-1202, 123291.	1.2	2
11	In situ gelling microemulsion for topical ocular delivery of moxifloxacin and betamethasone. Journal of Molecular Liquids, 2022, 360, 119559.	2.3	12
12	The utility of thermal analysis in the preformulation and development of an antifungal nail lacquer containing thymol. Journal of Thermal Analysis and Calorimetry, 2021, 146, 177-185.	2.0	5
13	Targeted clindamycin delivery to pilosebaceous units by chitosan or hyaluronic acid nanoparticles for improved topical treatment of acne vulgaris. Carbohydrate Polymers, 2021, 253, 117295.	5.1	51
14	Nanostructured lipid carriers for hair follicle-targeted delivery of clindamycin and rifampicin to hidradenitis suppurativa treatment. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111448.	2.5	16
15	Development of a reversedâ€phase highâ€performance liquid chromatographic method for the determination of propranolol in different skin layers. Biomedical Chromatography, 2021, 35, e4987.	0.8	3
16	New perspectives on the topical management of recurrent candidiasis. Drug Delivery and Translational Research, 2021, 11, 1568-1585.	3.0	10
17	Elucidating the Splitting Behavior of Tablets to Optimize the Pharmacotherapy in Veterinary Medicine. AAPS PharmSciTech, 2021, 22, 67.	1.5	1
18	In vitro skin model for the evaluation of burn healing drug delivery systems. Journal of Drug Delivery Science and Technology, 2021, 62, 102330.	1.4	5

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19	Topical Treatment for Scarring and Non-Scarring Alopecia: An Overview of the Current Evidence. Clinical, Cosmetic and Investigational Dermatology, 2021, Volume 14, 485-499.	0.8	19
20	Thermal and Physical Properties of Crude Palm Oil with Higher Oleic Content. Applied Sciences (Switzerland), 2021, 11, 7094.	1.3	17
21	Aqueous-Based Nanoemulsion Containing (-)-Î±-Bisabolol for Topical Treatment of Skin burns. Current Cosmetic Science, 2021, 01, .	0.1	0
22	Granules of finasteride and cyclodextrin obtained by hot-melt extrusion to target the hair follicles. Powder Technology, 2021, 391, 311-320.	2.1	6
23	Follicular-targeted delivery of spironolactone provided by polymeric nanoparticles. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112101.	2.5	18
24	Effects of Formulation and Manufacturing Process on Drug Release from Solid Self-emulsifying Drug Delivery Systems Prepared by High Shear Mixing. AAPS PharmSciTech, 2021, 22, 254.	1.5	4
25	Preformulation Studies to Guide the Production of Medicines by Fused Deposition Modeling 3D Printing. AAPS PharmSciTech, 2021, 22, 263.	1.5	12
26	Iontophoresis enhances voriconazole antifungal potency and corneal penetration. International Journal of Pharmaceutics, 2020, 576, 118991.	2.6	21
27	Hydroxypropyl-Î²-cyclodextrin-complexed naringenin by solvent change precipitation for improving anti-inflammatory effect in vivo. Carbohydrate Polymers, 2020, 231, 115769.	5.1	33
28	Chitosan nanoparticles loading oxaliplatin as a mucoadhesive topical treatment of oral tumors: Iontophoresis further enhances drug delivery ex vivo. International Journal of Biological Macromolecules, 2020, 154, 1265-1275.	3.6	62
29	The Influence of Matrix Technology on the Subdivision of Sustained Release Matrix Tablets. AAPS PharmSciTech, 2020, 21, 8.	1.5	8
30	The influence of sebaceous content on the performance of nanosystems designed for the treatment of follicular diseases. Journal of Drug Delivery Science and Technology, 2020, 59, 101895.	1.4	9
31	The influence of porosity on tablet subdivision. Particuology, 2020, 53, 192-196.	2.0	4
32	Besifloxacin liposomes with positively charged additives for an improved topical ocular delivery. Scientific Reports, 2020, 10, 19285.	1.6	37
33	Predictive models of FDM 3D printing using experimental design based on pharmaceutical requirements for tablet production. International Journal of Pharmaceutics, 2020, 588, 119728.	2.6	33
34	Novel iron oxide nanocarriers loading finasteride or dutasteride: Enhanced skin penetration for topical treatment of alopecia. International Journal of Pharmaceutics, 2020, 587, 119709.	2.6	18
35	Hot-Melt Extrusion as an Advantageous Technology to Obtain Effervescent Drug Products. Pharmaceutics, 2020, 12, 779.	2.0	12
36	Latanoprost Loaded in Polymeric Nanocapsules for Effective Topical Treatment of Alopecia. AAPS PharmSciTech, 2020, 21, 305.	1.5	20

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37	LCâ€“MS bioanalytical method for simultaneous determination of latanoprost and minoxidil in the skin. Journal of Pharmaceutical and Biomedical Analysis, 2020, 187, 113373.	1.4	14
38	Hot melt-extrusion improves the properties of cyclodextrin-based poly(pseudo)rotaxanes for transdermal formulation. International Journal of Pharmaceutics, 2020, 586, 119510.	2.6	24
39	Subdivision of modified-release tablets: state-of-the-art and future perspectives. Therapeutic Delivery, 2020, 11, 285-287.	1.2	4
40	Dutasteride nanocapsules for hair follicle targeting: Effect of chitosan-coating and physical stimulus. International Journal of Biological Macromolecules, 2020, 151, 56-61.	3.6	34
41	Effect of physical stimuli on hair follicle deposition of clobetasol-loaded Lipid Nanocarriers. Scientific Reports, 2020, 10, 176.	1.6	30
42	Combination of cyclodextrin complexation and iontophoresis as a promising strategy for the cutaneous delivery of aluminum-chloride phthalocyanine in photodynamic therapy. European Journal of Pharmaceutical Sciences, 2019, 139, 105056.	1.9	16
43	Stabilityâ€indicating analytical method of quantifying spironolactone and canrenone in dermatological formulations and iontophoretic skin permeation experiments. Biomedical Chromatography, 2019, 33, e4656.	0.8	9
44	Lipid nanoparticles as carriers of cyclodextrin inclusion complexes: A promising approach for cutaneous delivery of a volatile essential oil. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110382.	2.5	30
45	The subdivision behavior of polymeric tablets. International Journal of Pharmaceutics, 2019, 568, 118554.	2.6	7
46	Overcoming hurdles in iontophoretic drug delivery: is skin the only barrier?Ââ€“Âan update. Therapeutic Delivery, 2019, 10, 211-214.	1.2	1
47	Microemulsions incorporating Brosimum gaudichaudii extracts as a topical treatment for vitiligo: In vitro stimulation of melanocyte migration and pigmentation. Journal of Molecular Liquids, 2019, 294, 111685.	2.3	15
48	The Digital Pharmacies Era: How 3D Printing Technology Using Fused Deposition Modeling Can Become a Reality. Pharmaceutics, 2019, 11, 128.	2.0	125
49	Regulatory Requirements and Innovation: A Comparison of the Dermatologic Antifungal Drug Product Markets in Brazil and United States. Therapeutic Innovation and Regulatory Science, 2019, 53, 661-668.	0.8	0
50	Thermal analysis used to guide the production of thymol and Lippia origanoides essential oil inclusion complexes with cyclodextrin. Journal of Thermal Analysis and Calorimetry, 2019, 137, 543-553.	2.0	31
51	Preparation of a solid self-microemulsifying drug delivery system by hot-melt extrusion. International Journal of Pharmaceutics, 2018, 541, 1-10.	2.6	57
52	Preformulation studies to guide the development of raloxifene lipid-based delivery systems. Journal of Thermal Analysis and Calorimetry, 2018, 132, 365-371.	2.0	11
53	Taste masking and rheology improvement of drug complexed with beta-cyclodextrin and hydroxypropyl-Î²-cyclodextrin by hot-melt extrusion. Carbohydrate Polymers, 2018, 185, 19-26.	5.1	50
54	Subdivision of Tablets Containing Modified Delivery Technology: the Case of Orally Disintegrating Tablets. Journal of Pharmaceutical Innovation, 2018, 13, 261-269.	1.1	13

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55	Improvements of theobromine pharmaceutical properties using solid dispersions prepared with newfound technologies. Chemical Engineering Research and Design, 2018, 132, 1193-1201.	2.7	7
56	Hot Melt Extrudates Formulated Using Design Space: One Simple Process for Both Palatability and Dissolution Rate Improvement. Journal of Pharmaceutical Sciences, 2018, 107, 286-296.	1.6	25
57	Mixture design applied in compatibility studies of catechin and lipid compounds. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 612-617.	1.4	24
58	Versatile chromatographic method for catechin determination in development of topical formulations containing natural extracts. Biomedical Chromatography, 2018, 32, e4062.	0.8	15
59	SLN- and NLC-Encapsulating Antifungal Agents: Skin Drug Delivery and their Unexplored Potential for Treating Onychomycosis. Current Pharmaceutical Design, 2018, 23, 6684-6695.	0.9	16
60	Dissolution Enhancement in Cocoa Extract, Combining Hydrophilic Polymers through Hot-Melt Extrusion. Pharmaceutics, 2018, 10, 135.	2.0	11
61	Preformulation studies of finasteride to design matrix systems for topical delivery. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 273-279.	1.4	15
62	The role of formulation and follicular pathway in voriconazole cutaneous delivery from liposomes and nanostructured lipid carriers. Colloids and Surfaces B: Biointerfaces, 2018, 170, 341-346.	2.5	33
63	Simple and Selective HPLC-UV/Vis Bioanalytical Method to Determine Aluminum Phthalocyanine Chloride in Skin Permeation Studies. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-7.	0.7	5
64	Nanotechnology advances for hair loss. Therapeutic Delivery, 2018, 9, 593-603.	1.2	28
65	Development and validation of a simple chromatographic method for simultaneous determination of clindamycin phosphate and rifampicin in skin permeation studies. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 331-340.	1.4	25
66	The Effects of Fillers and Binders on the Accuracy of Tablet Subdivision. AAPS PharmSciTech, 2018, 19, 2929-2933.	1.5	13
67	Incorporation of Eugenia dysenterica extract in microemulsions preserves stability, antioxidant effect and provides enhanced cutaneous permeation. Journal of Molecular Liquids, 2018, 265, 408-415.	2.3	24
68	Removal of azo dye using Fenton and Fenton-like processes: Evaluation of process factors by Boxâ€“Behnken design and ecotoxicity tests. Chemico-Biological Interactions, 2018, 291, 47-54.	1.7	54
69	Comparison of Clobetasol Propionate Generics Using Simplified In vitro Bioequivalence Method for Topical Drug Products. Current Drug Delivery, 2018, 15, 998-1008.	0.8	3
70	Compacted Multiparticulate Systems for Colon-Specific Delivery of Ketoprofen. AAPS PharmSciTech, 2017, 18, 2260-2268.	1.5	11
71	Use of mixture design in drug-excipient compatibility determinations: Thymol nanoparticles case study. Journal of Pharmaceutical and Biomedical Analysis, 2017, 137, 196-203.	1.4	32
72	Selection of excipients for the development of carvedilol loaded lipid-based drug delivery systems. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1593-1604.	2.0	16

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73	Oxaliplatin preformulation studies for the development of innovative topical drug delivery systems. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1671-1681.	2.0	3
74	Evolution of quality on pharmaceutical design: regulatory requirement?. Accreditation and Quality Assurance, 2017, 22, 199-205.	0.4	7
75	FDM 3D printing of modified drug-delivery systems using hot melt extrusion: a new approach for individualized therapy. Therapeutic Delivery, 2017, 8, 957-966.	1.2	35
76	Microparticles prepared with 50â€“190 kDa chitosan as promising non-toxic carriers for pulmonary delivery of isoniazid. Carbohydrate Polymers, 2017, 174, 421-431.	5.1	49
77	Novel ex vivo protocol using porcine vagina to assess drug permeation from mucoadhesive and colloidal pharmaceutical systems. Colloids and Surfaces B: Biointerfaces, 2017, 158, 222-228.	2.5	17
78	Solid effervescent formulations as new approach for topical minoxidil delivery. European Journal of Pharmaceutical Sciences, 2017, 96, 411-419.	1.9	34
79	Preparation of benznidazole pellets for immediate drug delivery using the extrusion spheronization technique. Drug Development and Industrial Pharmacy, 2017, 43, 762-769.	0.9	9
80	Key Technical Aspects Influencing the Accuracy of Tablet Subdivision. AAPS PharmSciTech, 2017, 18, 1393-1401.	1.5	26
81	Chromatographic method for clobetasol propionate determination in hair follicles and in different skin layers. Biomedical Chromatography, 2017, 31, e3804.	0.8	11
82	As boas prÃ¡ticas de fabricaÃ§Ã£o de medicamentos e suas determinantes. VigilÃ¢ncia SanitÃ¡ria Em Debate: Sociedade, CiÃªncia & Tecnologia, 2017, 5, 34.	0.3	3
83	Development and validation of a selective HPLC-UV method for thymol determination in skin permeation experiments. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1022, 81-86.	1.2	29
84	Development of carvedilol-cyclodextrin inclusion complexes using fluid-bed granulation: a novel solid-state complexation alternative with technological advantages. Journal of Pharmacy and Pharmacology, 2016, 68, 1299-1309.	1.2	20
85	Nanostructured lipid carriers for targeting drug delivery to the epidermal layer. Therapeutic Delivery, 2016, 7, 735-737.	1.2	12
86	Simultaneous determination of benznidazole and itraconazole using spectrophotometry applied to the analysis of mixture: A tool for quality control in the development of formulations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 48-52.	2.0	15
87	Evaluation of carvedilol compatibility with lipid excipients for the development of lipid-based drug delivery systems. Journal of Thermal Analysis and Calorimetry, 2016, 123, 2337-2344.	2.0	29
88	Development and Validation of a Simple and Selective Analytical HPLC Method for the Quantification of Oxaliplatin. Journal of Chemistry, 2015, 2015, 1-6.	0.9	14
89	Development and physical evaluation of Maytenus ilicifolia effervescent granules using factorial design. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 243-250.	1.2	8
90	Carvedilol: decomposition kinetics and compatibility with pharmaceutical excipients. Journal of Thermal Analysis and Calorimetry, 2014, 115, 2501-2506.	2.0	25

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91	Preformulation studies of itraconazole associated with benznidazole and pharmaceutical excipients. Thermochimica Acta, 2014, 575, 29-33.	1.2	28
92	Effect of storage conditions on the stability of Î²-lapachone in solid state and in solution. Journal of Pharmacy and Pharmacology, 2013, 65, 798-806.	1.2	11
93	Modulated dissolution rate from the inclusion complex of antichagasic benznidazole and cyclodextrin using hydrophilic polymer. Pharmaceutical Development and Technology, 2013, 18, 1035-1041.	1.1	12
94	Fast dissolving Î²-lapachone particles and tablets: an approach using surface adsorption technique. Drug Development and Industrial Pharmacy, 2012, 38, 866-871.	0.9	2
95	Temperature-Sensitive Gels for Intratumoral Delivery ofÎ²-Lapachone: Effect of Cyclodextrins and Ethanol. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	22
96	Benznidazole microcrystal preparation by solvent change precipitation and in vivo evaluation in the treatment of Chagas disease. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 78, 377-384.	2.0	37
97	Development of effervescent tablets containing benznidazole complexed with cyclodextrin. Journal of Pharmacy and Pharmacology, 2011, 63, 786-793.	1.2	31
98	Light effect on the stability of Î²-lapachone in solution: pathways and kinetics of degradation. Journal of Pharmacy and Pharmacology, 2011, 63, 1156-1160.	1.2	15
99	Co-processed extracts of Cassia angustifolia Vahl, Fabaceae, and Maytenus ilicifolia (Schrad.) Planch., Celastraceae, for production of high load tablets. Revista Brasileira De Farmacognosia, 2011, 21, 510-517.	0.6	6
100	Polymorphic screen and drugâ€“excipient compatibility studies of the antichagasic benznidazole. Journal of Thermal Analysis and Calorimetry, 2011, 106, 819-824.	2.0	28
101	CaracterizaÃ§Ã£o fÃsico-quÃmica do fÃ¡rmaco antichagÃ¡sico benznidazol. Quimica Nova, 2010, 33, 1714-1719.	0.3	39
102	Dissolution rate enhancement of the novel antitumoral Î²-lapachone by solvent change precipitation of microparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 871-877.	2.0	25
103	Benznidazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o634-o634.	0.2	11
104	Compatibility of the antitumoral Î²-lapachone with different solid dosage forms excipients. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 590-598.	1.4	43
105	Characterization of Î²-lapachone and methylated Î²-cyclodextrin solid-state systems. AAPS PharmSciTech, 2007, 8, E68-E77.	1.5	42
106	Î²-Lapachone. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o473-o475.	0.4	13
107	Iontophoresis on minoxidil sulphate-loaded chitosan nanoparticles accelerates drug release, decreasing their targeting effect to hair follicles. Quimica Nova, 0, , .	0.3	2
108	Topical ophthalmic antimicrobials: unfulfilled demands and possibility of new investments in Brazil and in the United States. Brazilian Journal of Pharmaceutical Sciences, 0, 55, .	1.2	2