

Cristina Padula

List of Publications by Year in descending order

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66
papers

1,695
citations

236612

25
h-index

315357

38
g-index

67
all docs

67
docs citations

67
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioadhesive film for the transdermal delivery of lidocaine: in vitro and in vivo behavior. <i>Journal of Controlled Release</i> , 2003, 88, 277-285.	4.8	99
2	Poloxamer 407/TPGS Mixed Micelles as Promising Carriers for Cyclosporine Ocular Delivery. <i>Molecular Pharmaceutics</i> , 2018, 15, 571-584.	2.3	99
3	Cell penetrating peptides in ocular drug delivery: State of the art. <i>Journal of Controlled Release</i> , 2018, 284, 84-102.	4.8	84
4	Single-layer transdermal film containing lidocaine: Modulation of drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 422-428.	2.0	59
5	Topical application of polymeric nanomicelles in ophthalmology: a review on research efforts for the noninvasive delivery of ocular therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 397-413.	2.4	57
6	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
7	Hydrogel-thickened nanoemulsions based on essential oils for topical delivery of psoralen: Permeation and stability studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 38-50.	2.0	53
8	Development of a Convenient ex vivo Model for the Study of the Transcorneal Permeation of Drugs: Histological and Permeability Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 63-71.	1.6	52
9	Characterization of Rabbit Ear Skin as a Skin Model for in vitro Transdermal Permeation Experiments: Histology, Lipid Composition and Permeability. <i>Skin Pharmacology and Physiology</i> , 2008, 21, 218-226.	1.1	48
10	Different approaches for improving skin accumulation of topical corticosteroids. <i>International Journal of Pharmaceutics</i> , 2009, 380, 155-160.	2.6	48
11	Recent advances and perspectives in topical oral anesthesia. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 673-684.	2.4	47
12	Development of microemulsions of suitable viscosity for cyclosporine skin delivery. <i>International Journal of Pharmaceutics</i> , 2018, 545, 197-205.	2.6	47
13	Bioadhesive Films Containing Benzocaine: Correlation Between In Vitro Permeation and In Vivo Local Anesthetic Effect. <i>Pharmaceutical Research</i> , 2010, 27, 1677-1686.	1.7	45
14	Mechanisms of imiquimod skin penetration. <i>International Journal of Pharmaceutics</i> , 2016, 511, 516-523.	2.6	43
15	In-vitro permeation of bevacizumab through human sclera: effect of iontophoresis application. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1189-1194.	1.2	41
16	The Influence of Iontophoresis on Acyclovir Transport and Accumulation in Rabbit Ear Skin. <i>Pharmaceutical Research</i> , 2005, 22, 1519-1524.	1.7	38
17	New transdermal bioadhesive film containing oxybutynin: In vitro permeation across rabbit ear skin. <i>International Journal of Pharmaceutics</i> , 2006, 325, 2-7.	2.6	32
18	±-Tocopherol pro-vitamins: synthesis, hydrolysis and accumulation in rabbit ear skin. <i>Journal of Controlled Release</i> , 2004, 99, 403-413.	4.8	30

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19	Ex vivo models to evaluate the role of ocular melanin in trans-scleral drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 475-483.	1.9	30
20	Bioadhesive monolayer film for the in vitro transdermal delivery of sumatriptan. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 1561-1569.	1.6	29
21	Gel-like TPGS-Based Microemulsions for Imiquimod Dermal Delivery: Role of Mesostructure on the Uptake and Distribution into the Skin. <i>Molecular Pharmaceutics</i> , 2017, 14, 3281-3289.	2.3	29
22	Effect of pH and penetration enhancers on cysteamine stability and trans-corneal transport. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 171-179.	2.0	28
23	Microemulsion containing triamcinolone acetonide for buccal administration. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 233-239.	1.9	28
24	Ucuãba (<i>Virola surinamensis</i>) Fat-Based Nanostructured Lipid Carriers for Nail Drug Delivery of Ketoconazole: Development and Optimization Using Box-Behnken Design. <i>Pharmaceutics</i> , 2019, 11, 284.	2.0	28
25	Physical Characterization of a New Skin Bioadhesive Film. <i>AAPS PharmSciTech</i> , 2008, 9, 458-463.	1.5	27
26	Bioadhesive film for dermal and transdermal drug delivery. <i>European Journal of Dermatology</i> , 2007, 17, 309-12.	0.3	27
27	Permeation of Proteins, Oligonucleotide and Dextrans Across Ocular Tissues: Experimental Studies and a Literature Update. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2190-2202.	1.6	26
28	New Insights on the Mechanism of Fatty Acids as Buccal Permeation Enhancers. <i>Pharmaceutics</i> , 2018, 10, 201.	2.0	25
29	Innovative formulations for the delivery of levothyroxine to the skin. <i>International Journal of Pharmaceutics</i> , 2009, 372, 12-16.	2.6	24
30	Liposomal-benzocaine gel formulation: correlation between <i>in vitro</i> assays and <i>in vivo</i> topical anesthesia in volunteers. <i>Journal of Liposome Research</i> , 2013, 23, 54-60.	1.5	24
31	Design and Synthesis of New Cell Penetrating Peptides: Diffusion and Distribution Inside the Cornea. <i>Molecular Pharmaceutics</i> , 2016, 13, 3876-3883.	2.3	24
32	Validation of a HPLC-UV method for the quantification of budesonide in skin layers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1164, 122512.	1.2	24
33	Effect of lipopeptides and iontophoresis on aciclovir skin delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 702-708.	1.2	22
34	In Vitro Evaluation of Mucoadhesive Films for Gingival Administration of Lidocaine. <i>AAPS PharmSciTech</i> , 2013, 14, 1279-1283.	1.5	21
35	Microemulsions based on TPGS and isostearic acid for imiquimod formulation and skin delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 125, 223-231.	1.9	21
36	Ex Vivo Conjunctival Retention and Transconjunctival Transport of Poorly Soluble Drugs Using Polymeric Micelles. <i>Pharmaceutics</i> , 2019, 11, 476.	2.0	20

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37	Effect of formulation factors on the trans-scleral iontophoretic and post-iontophoretic transports of a 40kDa dextran in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 503-508.	1.9	19
38	In vitro permeability of a model protein across ocular tissues and effect of iontophoresis on the transscleral delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 116-122.	2.0	19
39	In vitro permeation of levothyroxine across the skin. <i>International Journal of Pharmaceutics</i> , 2008, 349, 161-165.	2.6	17
40	In Vitro Skin Retention of Crisaborole after Topical Application. <i>Pharmaceutics</i> , 2020, 12, 491.	2.0	17
41	Thin polymeric films for the topical delivery of propranolol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 582-586.	2.5	16
42	In-vitro characterization of buccal iontophoresis: the case of sumatriptan succinate. <i>International Journal of Pharmaceutics</i> , 2016, 506, 420-428.	2.6	15
43	Development of a Doxazosin and Finasteride Transdermal System for Combination Therapy of Benign Prostatic Hyperplasia. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4057-4064.	1.6	14
44	Post-iontophoresis transport of ibuprofen lysine across rabbit ear skin. <i>International Journal of Pharmaceutics</i> , 2003, 266, 69-75.	2.6	13
45	Simultaneous determination of benzophenone, retinol and retinyl acetate in pig ear skin layers by high performance liquid chromatography. <i>Biomedical Chromatography</i> , 2008, 22, 1060-1065.	0.8	12
46	In vitro trans-scleral iontophoresis of methylprednisolone hemisuccinate with short application time and high drug concentration. <i>International Journal of Pharmaceutics</i> , 2013, 451, 12-17.	2.6	12
47	Development and evaluation of occlusive systems employing polyvinyl alcohol for transdermal delivery of sumatriptan succinate. <i>Drug Delivery</i> , 2010, 17, 83-91.	2.5	10
48	In vivo stratum corneum distribution of lidocaine, assessed by tape stripping, from a new bioadhesive film. <i>Skin Research and Technology</i> , 2010, 16, 125-130.	0.8	9
49	Amikacin reverse iontophoresis: Optimization of in vitro extraction. <i>International Journal of Pharmaceutics</i> , 2013, 440, 216-220.	2.6	9
50	Synthesis, hydrolysis, and skin retention of amino acid esters of α -tocopherol. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2364-2376.	1.6	8
51	The Influence of Formulation and Excipients on Propranolol Skin Permeation and Retention. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	8
52	Single Layer Transdermal Film Containing Lidocaine: Water and Lidocaine Mobility Determined using Neutron Scattering. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4277-4284.	1.6	7
53	Parameters affecting the transscleral delivery of two positively charged proteins of comparable size. <i>International Journal of Pharmaceutics</i> , 2017, 521, 214-221.	2.6	7
54	Mydriatics release from solid and semi-solid ophthalmic formulations using different in vitro methods. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1472-1479.	0.9	7

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55	The role of vehicle metamorphosis on triamcinolone acetonide delivery to the skin from microemulsions. <i>International Journal of Pharmaceutics</i> , 2019, 565, 33-40.	2.6	7
56	Preliminary Investigation on Simvastatin-Loaded Polymeric Micelles in View of the Treatment of the Back of the Eye. <i>Pharmaceutics</i> , 2021, 13, 855.	2.0	7
57	Generic patches containing fentanyl: In vitro equivalence and abuse deterrent evaluation according to EMA and FDA guidelines. <i>International Journal of Pharmaceutics</i> , 2018, 537, 57-63.	2.6	5
58	UcuÃ1ba Fat Characterization and Use toÃObtain Lipid Nanoparticles by HighÃPressure Homogenization with Full Factorial Design. <i>Chemical Engineering and Technology</i> , 2021, 44, 1009-1016.	0.9	5
59	New Strategies for Improving Budesonide Skin Retention. <i>Pharmaceutics</i> , 2022, 14, 30.	2.0	5
60	Synthesis and Ex Vivo Trans-Corneal Permeation of Penetratin Analogues as Ophthalmic Carriers: Preliminary Results. <i>Pharmaceutics</i> , 2020, 12, 728.	2.0	4
61	Combined Patch Containing Salicylic Acid and Nicotinamide: Role of Drug Interaction. <i>Current Drug Delivery</i> , 2010, 7, 415-420.	0.8	3
62	Development and validation of a simple method for the extraction and quantification of crisaborole in skin layers. <i>Biomedical Chromatography</i> , 2019, 33, e4664.	0.8	3
63	Skin Retention of Sorbates from an After Sun Formulation for a Broad Photoprotection. <i>Cosmetics</i> , 2019, 6, 14.	1.5	2
64	Development and validation of a HPLCÃUV based method for the extraction and quantification of methotrexate in the skin. <i>Biomedical Chromatography</i> , 2022, , e5349.	0.8	1
65	Dynamics of Water and Small Molecules in Bioadhesive Polymer Films. <i>Journal of the Physical Society of Japan</i> , 2013, 82, SA021.	0.7	0
66	Editorial (Thematic Issue: Nanoparticle Carriers in Medicinal Chemistry and Pharmaceutical Sciences). <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 280-281.	1.0	0