

Patrizia Chetoni

List of Publications by Year in descending order

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85
papers

3,260
citations

126907

33
h-index

161849

54
g-index

90
all docs

90
docs citations

90
times ranked

3361
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid lipid nanoparticles (SLN) as ocular delivery system for tobramycin. <i>International Journal of Pharmaceutics</i> , 2002, 238, 241-245.	5.2	343
2	Evaluation of muco-adhesive properties and in vivo activity of ophthalmic vehicles based on hyaluronic acid. <i>International Journal of Pharmaceutics</i> , 1989, 51, 203-212.	5.2	142
3	PLGA microspheres for the ocular delivery of a peptide drug, vancomycin using emulsification/spray-drying as the preparation method: in vitro/in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 57, 207-212.	4.3	134
4	Solid lipid nanoparticles as promising tool for intraocular tobramycin delivery: Pharmacokinetic studies on rabbits. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 109, 214-223.	4.3	121
5	Evaluation of ocular permeation enhancers: In vitro effects on corneal transport of four β -blockers, and in vitro/in vivo toxic activity. <i>International Journal of Pharmaceutics</i> , 1996, 142, 103-113.	5.2	120
6	Development of a Simple Dry Eye Model in the Albino Rabbit and Evaluation of Some Tear Substitutes. <i>Ophthalmic Research</i> , 1999, 31, 229-235.	1.9	103
7	Ionic liquids as potential enhancers for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 516, 45-51.	5.2	101
8	Cutaneous Permeation and Penetration of Sunscreens: Formulation Strategies and In Vitro Methods. <i>Cosmetics</i> , 2018, 5, 1.	3.3	85
9	Cytotoxicity of potential ocular permeation enhancers evaluated on rabbit and human corneal epithelial cell lines. <i>Toxicology Letters</i> , 2001, 122, 1-8.	0.8	84
10	Effects of Different N-Trimethyl Chitosans on In Vitro/In Vivo Ofloxacin Transcorneal Permeation. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 2851-2862.	3.3	83
11	Carrageenan-gelatin mucoadhesive systems for ion-exchange based ophthalmic delivery: in vitro and preliminary in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 57, 465-472.	4.3	74
12	Pectin microspheres as ophthalmic carriers for piroxicam: evaluation in vitro and in vivo in albino rabbits. <i>European Journal of Pharmaceutical Sciences</i> , 1999, 9, 1-7.	4.0	72
13	Increased corneal hydration induced by potential ocular penetration enhancers: assessment by differential scanning calorimetry (DSC) and by desiccation. <i>International Journal of Pharmaceutics</i> , 2002, 232, 139-147.	5.2	72
14	Preparation and evaluation in vitro of colloidal lipospheres containing pilocarpine as ion pair. <i>International Journal of Pharmaceutics</i> , 1995, 117, 243-246.	5.2	69
15	In Vitro Transungual Permeation of Ciclopirox from a Hydroxypropyl Chitosan-Based, Water-Soluble Nail Lacquer. <i>Drug Development and Industrial Pharmacy</i> , 2005, 31, 11-17.	2.0	68
16	Evaluation of high- and low-molecular-weight fractions of sodium hyaluronate and an ionic complex as adjuvants for topical ophthalmic vehicles containing pilocarpine. <i>International Journal of Pharmaceutics</i> , 1991, 72, 131-139.	5.2	63
17	Mucoadhesive Ophthalmic Vehicles: Evaluation of Polymeric Low-Viscosity Formulations. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1994, 10, 83-92.	1.4	63
18	Gel-forming erodible inserts for ocular controlled delivery of ofloxacin. <i>International Journal of Pharmaceutics</i> , 2001, 215, 101-111.	5.2	62

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19	Effect of different terpene-containing essential oils on permeation of estradiol through hairless mouse skin. <i>International Journal of Pharmaceutics</i> , 2002, 237, 209-214.	5.2	61
20	Validation of bovine hoof slices as a model for infected human toenails: in vitro ciclopirox transungual permeation. <i>British Journal of Dermatology</i> , 2011, 165, 99-105.	1.5	56
21	Xyloglucan as a Novel Vehicle for Timolol: Pharmacokinetics and Pressure Lowering Activity in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2000, 16, 497-509.	1.4	54
22	Hydrosoluble medicated nail lacquers: in vitro drug permeation and corresponding antimycotic activity. <i>British Journal of Dermatology</i> , 2010, 162, 311-317.	1.5	54
23	Comparison of Liposome-Encapsulated Acyclovir with Acyclovir Ointment: Ocular Pharmacokinetics in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2004, 20, 169-177.	1.4	52
24	pH-Responsive Nanostructures Based on Surface Active Fatty Acid-Protic Ionic Liquids for Imiquimod Delivery in Skin Cancer Topical Therapy. <i>Pharmaceutics</i> , 2020, 12, 1078.	4.5	51
25	Ocular toxicity of some corneal penetration enhancers evaluated by electrophysiology measurements on isolated rabbit corneas. <i>Toxicology in Vitro</i> , 2003, 17, 497-504.	2.4	50
26	Comparison of the effect of ultrasound and of chemical enhancers on transdermal permeation of caffeine and morphine through hairless mouse skin in vitro. <i>International Journal of Pharmaceutics</i> , 2001, 229, 131-137.	5.2	41
27	Mucoadhesive nano-sized supramolecular assemblies for improved pre-corneal drug residence time. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 2069-2076.	2.0	40
28	Ophthalmic delivery systems based on drug-polymer-polymer ionic ternary interaction: In vitro and in vivo characterization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 62, 59-69.	4.3	39
29	Liposomes as a potential ocular delivery system of distamycin A. <i>International Journal of Pharmaceutics</i> , 2015, 492, 120-126.	5.2	39
30	Silicone rubber/hydrogel composite ophthalmic inserts: preparation and preliminary in vitro/in vivo evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1998, 46, 125-132.	4.3	38
31	Vehicle effects in ophthalmic bioavailability: An evaluation of polymeric inserts containing pilocarpine. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 36, 229-234.	2.4	36
32	Permeation and Distribution of Ferulic Acid and Its β -Cyclodextrin Complex from Different Formulations in Hairless Rat Skin. <i>AAPS PharmSciTech</i> , 2011, 12, 514-520.	3.3	35
33	Poloxamer 407 microspheres for orotransmucosal drug delivery. Part II: In vitro/in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2010, 400, 32-36.	5.2	33
34	Assembling Surfactants-Mucoadhesive Polymer Nanomicelles (ASMP-Nano) for Ocular Delivery of Cyclosporine-A. <i>Pharmaceutics</i> , 2020, 12, 253.	4.5	33
35	Relevance of polymer molecular weight to the in vitro/in vivo performances of ocular inserts based on poly(ethylene oxide). <i>International Journal of Pharmaceutics</i> , 2001, 220, 169-177.	5.2	30
36	Effect of iontophoresis on transcorneal permeation <i>in vitro</i> of two β -blocking agents, and on corneal hydration. <i>International Journal of Pharmaceutics</i> , 2003, 250, 423-429.	5.2	30

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37	Preparation and evaluation in vitro of solutions and o/w microemulsions containing levobunolol as ion-pair. <i>International Journal of Pharmaceutics</i> , 1993, 100, 219-225.	5.2	29
38	Poloxamer 407 microspheres for orotransmucosal drug delivery. Part I: Formulation, manufacturing and characterization. <i>International Journal of Pharmaceutics</i> , 2010, 399, 71-79.	5.2	29
39	Larch Arabinogalactan for Dry Eye Protection and Treatment of Corneal Lesions: Investigations in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2007, 23, 541-550.	1.4	27
40	Optimization of skin permeation and distribution of ibuprofen by using nanostructures (coagels) based on alkyl vitamin C derivatives. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 443-449.	4.3	26
41	A water-soluble, mucoadhesive quaternary ammonium chitosan-methyl- β -cyclodextrin conjugate forming inclusion complexes with dexamethasone. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 42.	3.6	26
42	Pharmacokinetics and Anti-Inflammatory Activity in Rabbits of a Novel Indomethacin Ophthalmic Solution. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2000, 16, 363-372.	1.4	25
43	Nonpolymeric nanoassemblies for ocular administration of acyclovir: Pharmacokinetic evaluation in rabbits. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 39-45.	4.3	24
44	Topical Formulations Containing Finasteride. Part I: In Vitro Permeation/Penetration Study and In Vivo Pharmacokinetics in Hairless Rat. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2307-2314.	3.3	24
45	Arabinogalactan as Active Compound in the Management of Corneal Wounds: In Vitro Toxicity and In Vivo Investigations on Rabbits. <i>Current Eye Research</i> , 2011, 36, 21-28.	1.5	23
46	Muco-Adhesive Liquid Ophthalmic Vehicles - Evaluation of Macromolecular Ionic Complexes of Pilocarpine. <i>Drug Development and Industrial Pharmacy</i> , 1989, 15, 2475-2489.	2.0	21
47	Skin Permeation and Distribution of Two Sunscreens: A Comparison between Reconstituted Human Skin and Hairless Rat Skin. <i>Skin Pharmacology and Physiology</i> , 2008, 21, 318-325.	2.5	20
48	Influence of a Combination of Chemical Enhancers and Iontophoresis on In Vitro Transungual Permeation of Nystatin. <i>AAPS PharmSciTech</i> , 2018, 19, 1574-1581.	3.3	19
49	A Collaborative Evaluation of the Cytotoxicity of Two Surfactants by Using the Human Corneal Epithelial Cell Line and the WST-1 Test. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2003, 19, 11-21.	1.4	18
50	Combination of Nanomicellar Technology and In Situ Gelling Polymer as Ocular Drug Delivery System (ODDS) for Cyclosporine-A. <i>Pharmaceutics</i> , 2021, 13, 192.	4.5	18
51	A hybrid ocular delivery system of cyclosporine-A comprising nanomicelle-laden polymeric inserts with improved efficacy and tolerability. <i>Biomaterials Science</i> , 2021, 9, 8235-8248.	5.4	17
52	Topical Formulations Containing Finasteride. Part II: Determination of Finasteride Penetration into Hair Follicles using the Differential Stripping Technique. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2323-2329.	3.3	15
53	Preliminary Evaluation of a Series of Amphiphilic Timolol Prodrugs: Possible Evidence for Transscleral Absorption. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1993, 9, 141-150.	1.4	14
54	Albumin Microspheres for Ocular Delivery of Piroxicam. <i>Pharmacy and Pharmacology Communications</i> , 2000, 6, 149-153.	0.3	14

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55	Development of Cultured Rabbit Corneal Epithelium for Drug Permeation Studies: A Comparison with Excised Rabbit Cornea. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2004, 20, 518-532.	1.4	14
56	Freeze-dried matrices for ocular administration of bevacizumab: a comparison between subconjunctival and intravitreal administration in rabbits. <i>Drug Delivery and Translational Research</i> , 2018, 8, 461-472.	5.8	14
57	Development and Characterization of a Novel Peptide-Loaded Antimicrobial Ocular Insert. <i>Biomolecules</i> , 2020, 10, 664.	4.0	14
58	Ciclopirox vs amorolfine: in vitro penetration into and permeation through human healthy nails of commercial nail lacquers. <i>Journal of Drugs in Dermatology</i> , 2014, 13, 143-7.	0.8	13
59	Niaouli oils from different sources: Analysis and influence on cutaneous permeation of estradiol in vitro. <i>Drug Delivery</i> , 2009, 16, 237-242.	5.7	12
60	Influence of Drug Release Rate on Systemic Timolol Absorption from Polymeric Ocular Inserts in the Pigmented Rabbit. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1994, 10, 421-429.	1.4	11
61	Ocular Mini-Tablets for Controlled Release of Timolol: Evaluation in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1996, 12, 245-252.	1.4	10
62	Formulation and Preliminary in vivo Testing of Rufloxacin-Cyclodextrin Ophthalmic Solutions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 44, 173-176.	1.6	10
63	4-Methylbenzylidene camphor microspheres: reconstituted epidermis (Skinethic [®]) permeation and distribution. <i>International Journal of Cosmetic Science</i> , 2015, 37, 298-305.	2.6	10
64	In vitro evaluation of some parameters involved in mucoadhesion of aqueous polymeric dispersions. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 927-934.	2.4	10
65	Effect of 5-Oxo-2-Pyrrolidinecarboxylic Acid (PCA) as a New Topically Applied Agent for Dry Eye Syndrome Treatment. <i>Pharmaceutics</i> , 2018, 10, 137.	4.5	10
66	Ocular Bioadhesive Drug Delivery Systems. <i>Drugs and the Pharmaceutical Sciences</i> , 1999, , 601-640.	0.1	9
67	Rufloxacin Eyedrops: Effect of Different Formulations on Ocular Pharmacokinetics in Rabbits. <i>European Journal of Ophthalmology</i> , 2006, 16, 311-317.	1.3	8
68	Healing of rabbits' cornea following laser welding: effect of solid and semisolid formulations containing indocyanine green. <i>Journal of Drug Delivery Science and Technology</i> , 2007, 17, 25-31.	3.0	7
69	Development and Validation of an HPLC-UV Method to Quantify Tavaborole During in Vitro Transungual Permeation Studies. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 437-443.	1.5	7
70	Nanostructured Drug Delivery Systems for Targeting 5- α -Reductase Inhibitors to the Hair Follicle. <i>Pharmaceutics</i> , 2022, 14, 286.	4.5	7
71	Albuterol prodrugs for ocular administration: synthesis and evaluation of the physico-chemical and IOP-depressant properties of three albuterol triesters. <i>International Journal of Pharmaceutics</i> , 1994, 105, 147-155.	5.2	6
72	Tyrosol-Enriched Tomatoes by Diffusion across the Fruit Peel from a Chitosan Coating: A Proposal of Functional Food. <i>Foods</i> , 2021, 10, 335.	4.3	6

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73	Effect of Permeation Enhancers on Buccal Absorption. <i>Arzneimittelforschung</i> , 2006, 56, 561-567.	0.4	5
74	Intraocular Pressure Reduction and Systemic Absorption of Timolol After Administration of One Side-Coated Inserts in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1993, 9, 1-12.	1.4	3
75	Formulations Based on Natural Ingredients for the Treatment of Nail Diseases. <i>Current Pharmaceutical Design</i> , 2020, 26, 556-565.	1.9	3
76	Ocular Application of Oleuropein in Dry Eye Treatment: Formulation Studies and Biological Evaluation. <i>Pharmaceuticals</i> , 2021, 14, 1151.	3.8	2
77	Hydrogels as Corneal Stroma Substitutes for In Vitro Evaluation of Drug Ocular Permeation. <i>Pharmaceutics</i> , 2022, 14, 850.	4.5	2
78	Release of miconazole from topical PVA matrices: preliminary in vitro and in vivo data. <i>Journal of Controlled Release</i> , 1991, 16, 197-202.	9.9	1
79	Effect of Suleparoides on Fibrinolysis in the Anterior Chamber of Rabbits. <i>Ophthalmic Research</i> , 1996, 28, 176-183.	1.9	1
80	Reconstituted epithelial tissues and native cornea: A comparison of the influence of surfactants on ocular permeability. <i>Biomedical Science and Engineering</i> , 2020, 3, .	0.0	1
81	Prolonged, Contemporaneous Administration of Pilocarpine and Timolol Increases the Aqueous Humor Pilocarpine Levels in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1999, 15, 1-7.	1.4	0
82	Reconstituted epithelial corneal tissues for evaluation of drug delivery. <i>Biomedical Science and Engineering</i> , 2020, 3, .	0.0	0
83	Polyvinyl alcohol/cellulose hydrogel as possible corneal stroma substitute in drug permeation tests. <i>Biomedical Science and Engineering</i> , 2021, 4, .	0.0	0
84	Arabinogalactan: a new ophthalmic vehicle for dry eye protection and treatment of corneal lesions. <i>Acta Ophthalmologica</i> , 0, 85, 0-0.	0.3	0
85	Ciclopirox Hydroxypropyl Chitosan (CPX-HPCH) Nail Lacquer and Breathable Cosmetic Nail Polish: In Vitro Evaluation of Drug Transungual Permeation Following the Combined Application. <i>Life</i> , 2022, 12, 801.	2.4	0