

# Renata Fv Lopez

## List of Publications by Year in descending order

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92  
papers

3,337  
citations

117453

34  
h-index

161609

54  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3888  
citing authors

#	ARTICLE	IF	CITATIONS
1	A poloxamer/chitosan in situ forming gel with prolonged retention time for ocular delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 186-193.	2.0	283
2	Photodynamic therapy of skin cancer: controlled drug delivery of 5-ALA and its esters. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 77-94.	6.6	194
3	Enhancing and sustaining the topical ocular delivery of fluconazole using chitosan solution and poloxamer/chitosan in situ forming gel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 320-327.	2.0	135
4	Topical delivery of ocular therapeutics: carrier systems and physical methods. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 507-530.	1.2	107
5	In vitro evaluation of quercetin cutaneous absorption from topical formulations and its functional stability by antioxidant activity. <i>International Journal of Pharmaceutics</i> , 2007, 328, 183-190.	2.6	103
6	Enhancing the transdermal delivery of rigid nanoparticles using the simultaneous application of ultrasound and sodium lauryl sulfate. <i>Biomaterials</i> , 2011, 32, 933-941.	5.7	97
7	In vitro skin permeation and retention of 5-aminolevulinic acid ester derivatives for photodynamic therapy. <i>Journal of Controlled Release</i> , 2003, 89, 261-269.	4.8	85
8	Iontophoretic delivery of 5-aminolevulinic acid (ALA): effect of pH. <i>Pharmaceutical Research</i> , 2001, 18, 311-315.	1.7	79
9	Effect of the iontophoresis of a chitosan gel on doxorubicin skin penetration and cytotoxicity. <i>Journal of Controlled Release</i> , 2009, 134, 35-40.	4.8	78
10	Skin cancer treatment effectiveness is improved by iontophoresis of EGFR-targeted liposomes containing 5-FU compared with subcutaneous injection. <i>Journal of Controlled Release</i> , 2018, 283, 151-162.	4.8	78
11	Influence of cyclodextrin complexation on the in vitro permeation and skin metabolism of dexamethasone. <i>International Journal of Pharmaceutics</i> , 2000, 200, 127-132.	2.6	76
12	Effects of ultrasound and sodium lauryl sulfate on the transdermal delivery of hydrophilic permeants: Comparative in vitro studies with full-thickness and split-thickness pig and human skin. <i>Journal of Controlled Release</i> , 2010, 145, 26-32.	4.8	74
13	Development of microemulsions to topically deliver 5-aminolevulinic acid in photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 48-55.	2.0	68
14	Optimization of aminolevulinic acid delivery by iontophoresis. <i>Journal of Controlled Release</i> , 2003, 88, 65-70.	4.8	64
15	Penetration of Quantum Dot Particles Through Human Skin. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 586-595.	0.5	60
16	Development of nitrosyl ruthenium complex-loaded lipid carriers for topical administration: improvement in skin stability and in nitric oxide release by visible light irradiation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 843-851.	1.4	59
17	Doxorubicin skin penetration from monoolein-containing propylene glycol formulations. <i>International Journal of Pharmaceutics</i> , 2007, 329, 88-93.	2.6	57
18	Chitosan microparticles for sustaining the topical delivery of minoxidil sulphate. <i>Journal of Microencapsulation</i> , 2011, 28, 650-658.	1.2	54

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19	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In Vitro. <i>Photochemistry and Photobiology</i> , 2003, 77, 304.	1.3	54
20	Topical Skin Cancer Therapy Using Doxorubicin-Loaded Cationic Lipid Nanoparticles and Iontophoresis. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1975-1988.	0.5	52
21	Formation of cyclodextrin inclusion complexes with corticosteroids: their characterization and stability. <i>International Journal of Pharmaceutics</i> , 1998, 167, 205-213.	2.6	50
22	Inactivated infectious bronchitis virus vaccine encapsulated in chitosan nanoparticles induces mucosal immune responses and effective protection against challenge. <i>Vaccine</i> , 2018, 36, 2630-2636.	1.7	50
23	Transcorneal iontophoresis of dendrimers: PAMAM corneal penetration and dexamethasone delivery. <i>Journal of Controlled Release</i> , 2015, 200, 115-124.	4.8	43
24	In Vitro and In Vivo Trypanocidal Activity of H2bdtc-Loaded Solid Lipid Nanoparticles. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2847.	1.3	42
25	Effective transcutaneous immunization using a combination of iontophoresis and nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2439-2448.	1.7	42
26	In Vitro Metabolism of 5-ALA Esters Derivatives in Hairless Mice Skin Homogenate and in Vivo PpIX Accumulation Studies. <i>Pharmaceutical Research</i> , 2004, 21, 2247-2252.	1.7	39
27	Effect of Iontophoresis on Topical Delivery of Doxorubicin-Loaded Solid Lipid Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1382-1390.	0.5	39
28	Needle-free buccal anesthesia using iontophoresis and amino amide salts combined in a mucoadhesive formulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 1193-1201.	2.5	39
29	Hydrophilic polymeric nanoparticles prepared from Delonix galactomannan with low cytotoxicity for ocular drug delivery. <i>Carbohydrate Polymers</i> , 2017, 157, 1065-1075.	5.1	38
30	Besifloxacin liposomes with positively charged additives for an improved topical ocular delivery. <i>Scientific Reports</i> , 2020, 10, 19285.	1.6	37
31	The influence of lecithin and urea on the in vitro permeation of hydrocortisone acetate through skin from hairless mouse. <i>International Journal of Pharmaceutics</i> , 1997, 146, 255-262.	2.6	36
32	The Effects of pH and Ionic Strength on Topical Delivery of a Negatively Charged Porphyrin (TPPS4). <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4249-4257.	1.6	36
33	The influence of positive or negative charges in the passive and iontophoretic skin penetration of porphyrins used in photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 249-256.	2.0	36
34	Iontophoresis-Targeted, Follicular Delivery of Minoxidil Sulfate for the Treatment of Alopecia. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1488-1494.	1.6	36
35	Controlled nitric oxide photo-release from nitro ruthenium complexes: The vasodilator response produced by UV light irradiation. <i>Inorganica Chimica Acta</i> , 2005, 358, 2643-2650.	1.2	35
36	Cetuximab Immunoliposomes Enhance Delivery of 5-FU to Skin Squamous Carcinoma Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 301-308.	0.9	34

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37	Evaluation of different pig oral mucosa sites as permeability barrier models for drug permeation studies. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 52-59.	1.9	33
38	Development of Cationic Solid Lipid Nanoparticles with Factorial Design-Based Studies for Topical Administration of Doxorubicin. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 219-228.	0.5	31
39	Iontophoretic transport kinetics of ketorolac in vitro and in vivo: Demonstrating local enhanced topical drug delivery to muscle. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 219-226.	2.0	31
40	Hydrogel increases localized transport regions and skin permeability during low frequency ultrasound treatment. <i>Scientific Reports</i> , 2017, 7, 44236.	1.6	31
41	Excised Porcine Cornea Integrity Evaluation in an in vitro Model of Iontophoretic Ocular Research. <i>Ophthalmic Research</i> , 2010, 43, 208-216.	1.0	29
42	Assessment of the percutaneous penetration of cisplatin: The effect of monoolein and the drug skin penetration pathway. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 90-94.	2.0	27
43	Iontophoretic transport of zinc phthalocyanine tetrasulfonic acid as a tool to improve drug topical delivery. <i>Anti-Cancer Drugs</i> , 2011, 22, 783-793.	0.7	27
44	Iontophoresis of minoxidil sulphate loaded microparticles, a strategy for follicular drug targeting?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 408-412.	2.5	27
45	Evaluation of in vivo efficacy of topical formulations containing soybean extract. <i>International Journal of Pharmaceutics</i> , 2008, 352, 189-196.	2.6	25
46	Physical methods for topical skin drug delivery: concepts and applications. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	24
47	The prominence of the dosage form design to treat ocular diseases. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119577.	2.6	24
48	Sonodynamic therapy: Ultrasound parameters and in vitro experimental configurations. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121243.	2.6	24
49	Iontophoresis-stimulated silk fibroin films as a peptide delivery system for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 147-155.	2.0	23
50	Combining amino amide salts in mucoadhesive films enhances needle-free buccal anesthesia in adults. <i>Journal of Controlled Release</i> , 2017, 266, 205-215.	4.8	22
51	Prospective insulin-based ophthalmic delivery systems for the treatment of dry eye syndrome and corneal injuries. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 140, 1-10.	2.0	22
52	Iontophoresis enhances voriconazole antifungal potency and corneal penetration. <i>International Journal of Pharmaceutics</i> , 2020, 576, 118991.	2.6	21
53	&lt;p&gt;Bifunctional Therapeutic Application of Low-Frequency Ultrasound Associated with Zinc Phthalocyanine-Loaded Micelles&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8075-8095.	3.3	21
54	Liposome-based nanocarrier loaded with a new quinoxaline derivative for the treatment of cutaneous leishmaniasis. <i>Materials Science and Engineering C</i> , 2020, 110, 110720.	3.8	21

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55	Targeted Lipid Nanoparticles for Antisense Oligonucleotide Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 847-855.	0.9	20
56	Nanoemulsion as a Platform for Iontophoretic Delivery of Lipophilic Drugs in Skin Tumors. <i>Pharmaceutics</i> , 2018, 10, 214.	2.0	19
57	Topical Treatment for Scarring and Non-Scarring Alopecia: An Overview of the Current Evidence. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 485-499.	0.8	19
58	Fluorescent penetration enhancers for transdermal applications. <i>Journal of Controlled Release</i> , 2012, 158, 85-92.	4.8	18
59	Immunoconjugates for Cancer Targeting: A Review of Antibody-Drug Conjugates and Antibody-Functionalized Nanoparticles. <i>Current Medicinal Chemistry</i> , 2021, 28, 2485-2520.	1.2	18
60	Iontophoresis Improved Growth Reduction of Invasive Squamous Cell Carcinoma in Topical Photodynamic Therapy. <i>PLoS ONE</i> , 2016, 11, e0145922.	1.1	18
61	Princípios básicos e aplicação da iontoforese na penetração cutânea de fármacos. <i>Química Nova</i> , 2008, 31, 1490-1498.	0.3	17
62	Silk fibroin films stabilizes and releases bioactive insulin for the treatment of corneal wounds. <i>European Polymer Journal</i> , 2019, 118, 502-513.	2.6	17
63	Nitric oxide photorelease from hydrogels and from skin containing a nitro-ruthenium complex. <i>International Journal of Pharmaceutics</i> , 2010, 391, 21-28.	2.6	16
64	A simple and high-resolution HPLC-EPDA method for simultaneous quantification of local anesthetics in <i>in vitro</i> buccal permeation enhancement studies. <i>Biomedical Chromatography</i> , 2016, 30, 857-866.	0.8	16
65	Stimuli-Responsive Nanoparticles for siRNA Delivery. <i>Current Pharmaceutical Design</i> , 2015, 21, 4131-4144.	0.9	16
66	Current efforts and the potential of nanomedicine in treating fungal keratitis. <i>Expert Review of Ophthalmology</i> , 2010, 5, 365-384.	0.3	12
67	a-C:H films produced by PECVD technique onto substrate of Ti6Al4V alloy: Chemical and biological responses. <i>Applied Surface Science</i> , 2020, 503, 144084.	3.1	12
68	Gold(III) complexes with thiosemicarbazone ligands as potential anticancer agents: Cytotoxicity and interactions with biomolecular targets. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105834.	1.9	12
69	Topical and Transdermal Delivery of Drug-Loaded Nano/ Microsystems with Application of Physical Enhancement Techniques. <i>Current Drug Targets</i> , 2016, 17, 1545-1559.	1.0	12
70	Preparation of Immunoliposomes by Direct Coupling of Antibodies Based on a Thioether Bond. <i>Methods in Molecular Biology</i> , 2018, 1674, 229-237.	0.4	11
71	Synergy between surfactants and mucoadhesive polymers enhances the transbuccal permeation of local anesthetics from freeze-dried tablets. <i>Materials Science and Engineering C</i> , 2020, 108, 110373.	3.8	10
72	Polysaccharide-rich hydrogel formulation combined with photobiomodulation repairs UV-induced photodamage in mice skin. <i>Wound Repair and Regeneration</i> , 2020, 28, 645-655.	1.5	10

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73	Full-Thickness Intraoral Mucosa Barrier Models for In Vitro Drug-Permeation Studies Using Microneedles. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1756-1764.	1.6	9
74	Towards the advance of a novel iontophoretic patch for needle-free buccal anesthesia. <i>Materials Science and Engineering C</i> , 2021, 122, 111778.	3.8	9
75	Isotretinoin-Deltonix polymeric nanoparticles: Potentials for skin follicular targeting in acne treatment. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121217.	2.6	9
76	New Insights of Turmeric Extract-Loaded PLGA Nanoparticles: Development, Characterization and In Vitro Evaluation of Antioxidant Activity. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 507-515.	1.4	9
77	Topical Administration of Anticancer Drugs for Skin Cancer Treatment. , 0, , .		7
78	Nanoparticles influence in skin penetration of drugs. , 2018, , 187-248.		7
79	A topical formulation containing quercetin-loaded microcapsules protects against oxidative and inflammatory skin alterations triggered by UVB irradiation: enhancement of activity by microencapsulation. <i>Journal of Drug Targeting</i> , 2021, 29, 983-997.	2.1	7
80	Resistivity Technique for the Evaluation of the Integrity of Buccal and Esophageal Epithelium Mucosa for In Vitro Permeation Studies: Swine Buccal and Esophageal Mucosa Barrier Models. <i>Pharmaceutics</i> , 2021, 13, 643.	2.0	7
81	Influence of ceramide 2 on in vitro skin permeation and retention of 5-ALA and its ester derivatives, for Photodynamic Therapy. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 109-116.	1.2	6
82	Development of gold(III) thiosemicarbazone complex-loaded PLGA nanoparticles: characterization and sustained release studies. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	6
83	HPLC methods for chloroquine determination in biological samples and pharmaceutical products. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 223-239.	0.9	6
84	NO Exchange for a Water Molecule Favorably Changes Iontophoretic Release of Ruthenium Complexes to the Skin. <i>Molecules</i> , 2017, 22, 104.	1.7	5
85	A New Approach to Atopic Dermatitis Control with Low-Concentration Propolis-Loaded Cold Cream. <i>Pharmaceutics</i> , 2021, 13, 1346.	2.0	5
86	Effect of iontophoresis on fluoride uptake in enamel with artificial caries lesion. <i>Brazilian Oral Research</i> , 2019, 33, e037.	0.6	4
87	Nitrosation of BODIPY dyes and their applications in the development of thiol sensors. <i>Dyes and Pigments</i> , 2020, 173, 107885.	2.0	4
88	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In Vitro. <i>Photochemistry and Photobiology</i> , 2007, 77, 304-308.	1.3	3
89	Arginine-conjugated chitosan nanoparticles for topical arginine release in wounds. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102115.	1.4	3
90	PLGA-nanoparticles loaded with a thiosemicarbazone derived palladium(ii) complex as a potential agent to new formulations for human ovarian carcinoma treatment. <i>New Journal of Chemistry</i> , 2020, 44, 14928-14935.	1.4	2

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91	Target action of antioxidants using iontophoresis. <i>Journal of Cosmetic Dermatology</i> , 2021, 20, 664-676.	0.8	2
92	Quantification of 5-FU in skin samples for the development of new delivery systems for topical cancer treatment. <i>Die Pharmazie</i> , 2018, 73, 133-138.	0.3	2