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	Target action of antioxidants using iontophoresis. Journal of Cosmetic Dermatology, 2021, 20, 664-676.	0.8	2
2	Arginine-conjugated chitosan nanoparticles for topical arginine release in wounds. Journal of Drug Delivery Science and Technology, 2021, 61, 102115.	1.4	3
3	A topical formulation containing quercetin-loaded microcapsules protects against oxidative and inflammatory skin alterations triggered by UVB irradiation: enhancement of activity by microencapsulation. Journal of Drug Targeting, 2021, 29, 983-997.	2.1	7
4	HPLC methods for choloroquine determination in biological samples and pharmaceutical products. DARU, Journal of Pharmaceutical Sciences, 2021, 29, 223-239.	0.9	6
5	Towards the advance of a novel iontophoretic patch for needle-free buccal anesthesia. Materials Science and Engineering C, 2021, 122, 111778.	3.8	9
6	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. Pharmaceutics, 2021, 13, 643.	2.0	7
7	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
8	Immunoconjugates for Cancer Targeting: A Review of Antibody-Drug Conjugates and Antibody-Functionalized Nanoparticles. Current Medicinal Chemistry, 2021, 28, 2485-2520.	1.2	18
9	Gold(III) complexes with thiosemicarbazonate ligands as potential anticancer agents: Cytotoxicity and interactions with biomolecular targets. European Journal of Pharmaceutical Sciences, 2021, 162, 105834.	1.9	12
10	A New Approach to Atopic Dermatitis Control with Low-Concentration Propolis-Loaded Cold Cream. Pharmaceutics, 2021, 13, 1346.	2.0	5
11	Isotretinoin-Delonix polymeric nanoparticles: Potentials for skin follicular targeting in acne treatment. International Journal of Pharmaceutics, 2021, 610, 121217.	2.6	9
12	Sonodynamic therapy: Ultrasound parameters and in vitro experimental configurations. International Journal of Pharmaceutics, 2021, 610, 121243.	2.6	24
13	New Insights of Turmeric Extract-Loaded PLGA Nanoparticles: Development, Characterization and In Vitro Evaluation of Antioxidant Activity. Plant Foods for Human Nutrition, 2021, 76, 507-515.	1.4	9
14	a-C:H films produced by PECVD technique onto substrate of Ti6Al4V alloy: Chemical and biological responses. Applied Surface Science, 2020, 503, 144084.	3.1	12
15	Nitrosation of BODIPY dyes and their applications in the development of thiol sensors. Dyes and Pigments, 2020, 173, 107885.	2.0	4
16	Synergy between surfactants and mucoadhesive polymers enhances the transbuccal permeation of local anesthetics from freeze-dried tablets. Materials Science and Engineering C, 2020, 108, 110373.	3.8	10
17	Iontophoresis enhances voriconazole antifungal potency and corneal penetration. International Journal of Pharmaceutics, 2020, 576, 118991.	2.6	21
18	Besifloxacin liposomes with positively charged additives for an improved topical ocular delivery. Scientific Reports, 2020, 10, 19285.	1.6	37

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19	PLGA-nanoparticles loaded with a thiosemicarbazone derived palladium(ii) complex as a potential agent to new formulations for human ovarian carcinoma treatment. New Journal of Chemistry, 2020, 44, 14928-14935.	1.4	2
20	Bifunctional Therapeutic Application of Low-Frequency Ultrasound Associated with Zinc Phthalocyanine-Loaded Micelles . International Journal of Nanomedicine, 2020, Volume 15, 8075-8095.	3.3	21
21	Development of gold(III) thiosemicarbazonate complexâ€“loaded PLGA nanoparticles: characterization and sustained release studies. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	6
22	The prominence of the dosage form design to treat ocular diseases. International Journal of Pharmaceutics, 2020, 586, 119577.	2.6	24
23	Polysaccharideâ€rich hydrogel formulation combined with photobiomodulation repairs UVâ€induced photodamage in mice skin. Wound Repair and Regeneration, 2020, 28, 645-655.	1.5	10
24	Liposome-based nanocarrier loaded with a new quinoxaline derivative for the treatment of cutaneous leishmaniasis. Materials Science and Engineering C, 2020, 110, 110720.	3.8	21
25	Full-Thickness Intraoral Mucosa Barrier Models for InÂVitro Drug-Permeation Studies Using Microneedles. Journal of Pharmaceutical Sciences, 2019, 108, 1756-1764.	1.6	9
26	Effect of iontophoresis on fluoride uptake in enamel with artificial caries lesion. Brazilian Oral Research, 2019, 33, e037.	0.6	4
27	Silk fibroin films stabilizes and releases bioactive insulin for the treatment of corneal wounds. European Polymer Journal, 2019, 118, 502-513.	2.6	17
28	Prospective insulin-based ophthalmic delivery systems for the treatment of dry eye syndrome and corneal injuries. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 140, 1-10.	2.0	22
29	Inactivated infectious bronchitis virus vaccine encapsulated in chitosan nanoparticles induces mucosal immune responses and effective protection against challenge. Vaccine, 2018, 36, 2630-2636.	1.7	50
30	Iontophoresis-stimulated silk fibroin films as a peptide delivery system for wound healing. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 128, 147-155.	2.0	23
31	Preparation of Immunoliposomes by Direct Coupling of Antibodies Based on a Thioether Bond. Methods in Molecular Biology, 2018, 1674, 229-237.	0.4	11
32	Physical methods for topical skin drug delivery: concepts and applications. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	24
33	Nanoemulsion as a Platform for Iontophoretic Delivery of Lipophilic Drugs in Skin Tumors. Pharmaceutics, 2018, 10, 214.	2.0	19
34	Skin cancer treatment effectiveness is improved by iontophoresis of EGFR-targeted liposomes containing 5-FU compared with subcutaneous injection. Journal of Controlled Release, 2018, 283, 151-162.	4.8	78
35	Nanoparticles influence in skin penetration of drugs. , 2018, , 187-248.		7
36	Quantification of 5-FU in skin samples for the development of new delivery systems for topical cancer treatment. Die Pharmazie, 2018, 73, 133-138.	0.3	2

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37	Hydrogel increases localized transport regions and skin permeability during low frequency ultrasound treatment. Scientific Reports, 2017, 7, 44236.	1.6	31
38	Combining amino amide salts in mucoadhesive films enhances needle-free buccal anesthesia in adults. Journal of Controlled Release, 2017, 266, 205-215.	4.8	22
39	Hydrophilic polymeric nanoparticles prepared from Delonix galactomannan with low cytotoxicity for ocular drug delivery. Carbohydrate Polymers, 2017, 157, 1065-1075.	5.1	38
40	NO Exchange for a Water Molecule Favorably Changes Iontophoretic Release of Ruthenium Complexes to the Skin. Molecules, 2017, 22, 104.	1.7	5
41	Cetuximab Immunoliposomes Enhance Delivery of 5-FU to Skin Squamous Carcinoma Cells. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 301-308.	0.9	34
42	Effective transcutaneous immunization using a combination of iontophoresis and nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2439-2448.	1.7	42
43	A simple and highâ€resolution HPLCâ€PDA method for simultaneous quantification of local anesthetics in in vitro buccal permeation enhancement studies. Biomedical Chromatography, 2016, 30, 857-866.	0.8	16
44	Evaluation of different pig oral mucosa sites as permeability barrier models for drug permeation studies. European Journal of Pharmaceutical Sciences, 2016, 81, 52-59.	1.9	33
45	Iontophoresis Improved Growth Reduction of Invasive Squamous Cell Carcinoma in Topical Photodynamic Therapy. PLoS ONE, 2016, 11, e0145922.	1.1	18
46	Topical and Transdermal Delivery of Drug-Loaded Nano/ Microsystems with Application of Physical Enhancement Techniques. Current Drug Targets, 2016, 17, 1545-1559.	1.0	12
47	Topical Skin Cancer Therapy Using Doxorubicin-Loaded Cationic Lipid Nanoparticles and Iontophoresis. Journal of Biomedical Nanotechnology, 2015, 11, 1975-1988.	0.5	52
48	Needle-free buccal anesthesia using iontophoresis and amino amide salts combined in a mucoadhesive formulation. Colloids and Surfaces B: Biointerfaces, 2015, 136, 1193-1201.	2.5	39
49	Transcorneal iontophoresis of dendrimers: PAMAM corneal penetration and dexamethasone delivery. Journal of Controlled Release, 2015, 200, 115-124.	4.8	43
50	Iontophoresis of minoxidil sulphate loaded microparticles, a strategy for follicular drug targeting?. Colloids and Surfaces B: Biointerfaces, 2015, 134, 408-412.	2.5	27
51	Stimuli-Responsive Nanoparticles for siRNA Delivery. Current Pharmaceutical Design, 2015, 21, 4131-4144.	0.9	16
52	In Vitro and In Vivo Trypanocidal Activity of H2bdtc-Loaded Solid Lipid Nanoparticles. PLoS Neglected Tropical Diseases, 2014, 8, e2847.	1.3	42
53	Topical delivery of ocular therapeutics: carrier systems and physical methods. Journal of Pharmacy and Pharmacology, 2014, 66, 507-530.	1.2	107
54	Iontophoretic transport kinetics of ketorolac in vitro and in vivo: Demonstrating local enhanced topical drug delivery to muscle. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 219-226.	2.0	31

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55	Effect of Iontophoresis on Topical Delivery of Doxorubicin-Loaded Solid Lipid Nanoparticles. Journal of Biomedical Nanotechnology, 2014, 10, 1382-1390.	0.5	39
56	Targeted Lipid Nanoparticles for Antisense Oligonucleotide Delivery. Current Pharmaceutical Biotechnology, 2014, 15, 847-855.	0.9	20
57	Iontophoresis-Targeted, Follicular Delivery of Minoxidil Sulfate for the Treatment of Alopecia. Journal of Pharmaceutical Sciences, 2013, 102, 1488-1494.	1.6	36
58	Development of Cationic Solid Lipid Nanoparticles with Factorial Design-Based Studies for Topical Administration of Doxorubicin. Journal of Biomedical Nanotechnology, 2012, 8, 219-228.	0.5	31
59	Fluorescent penetration enhancers for transdermal applications. Journal of Controlled Release, 2012, 158, 85-92.	4.8	18
60	The influence of positive or negative charges in the passive and iontophoretic skin penetration of porphyrins used in photodynamic therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 249-256.	2.0	36
61	Enhancing and sustaining the topical ocular delivery of fluconazole using chitosan solution and poloxamer/chitosan in situ forming gel. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 320-327.	2.0	135
62	Iontophoretic transport of zinc phthalocyanine tetrasulfonic acid as a tool to improve drug topical delivery. Anti-Cancer Drugs, 2011, 22, 783-793.	0.7	27
63	Enhancing the transdermal delivery of rigid nanoparticles using the simultaneous application of ultrasound and sodium lauryl sulfate. Biomaterials, 2011, 32, 933-941.	5.7	97
64	Chitosan microparticles for sustaining the topical delivery of minoxidil sulphate. Journal of Microencapsulation, 2011, 28, 650-658.	1.2	54
65	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. Journal of Controlled Release, 2010, 145, 26-32.	4.8	74
66	Development of nitrosyl ruthenium complex-loaded lipid carriers for topical administration: improvement in skin stability and in nitric oxide release by visible light irradiation. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 843-851.	1.4	59
67	Nitric oxide photorelease from hydrogels and from skin containing a nitro-ruthenium complex. International Journal of Pharmaceutics, 2010, 391, 21-28.	2.6	16
68	Excised Porcine Cornea Integrity Evaluation in an in vitro Model of Iontophoretic Ocular Research. Ophthalmic Research, 2010, 43, 208-216.	1.0	29
69	Penetration of Quantum Dot Particles Through Human Skin. Journal of Biomedical Nanotechnology, 2010, 6, 586-595.	0.5	60
70	Current efforts and the potential of nanomedicine in treating fungal keratitis. Expert Review of Ophthalmology, 2010, 5, 365-384.	0.3	12
71	Development of microemulsions to topically deliver 5-aminolevulinic acid in photodynamic therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 48-55.	2.0	68
72	A poloxamer/chitosan in situ forming gel with prolonged retention time for ocular delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 186-193.	2.0	283

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73	Influence of ceramide 2 on in vitro skin permeation and retention of 5-ALA and its ester derivatives, for Photodynamic Therapy. Brazilian Journal of Pharmaceutical Sciences, 2009, 45, 109-116.	1.2	6
74	Effect of the iontophoresis of a chitosan gel on doxorubicin skin penetration and cytotoxicity. Journal of Controlled Release, 2009, 134, 35-40.	4.8	78
75	Assessment of the percutaneous penetration of cisplatin: The effect of monoolein and the drug skin penetration pathway. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 90-94.	2.0	27
76	The Effects of pH and Ionic Strength on Topical Delivery of a Negatively Charged Porphyrin (TPPS4). Journal of Pharmaceutical Sciences, 2008, 97, 4249-4257.	1.6	36
77	Evaluation of in vivo efficacy of topical formulations containing soybean extract. International Journal of Pharmaceutics, 2008, 352, 189-196.	2.6	25
78	PrincÃpios bÃ¡sicos e aplicaÃ§Ã£o da iontoforese na penetraÃ§Ã£o cutÃ¢nea de fÃ¡rmacos. Quimica Nova, 2008, 31, 1490-1498.	0.3	17
79	In vitro evaluation of quercetin cutaneous absorption from topical formulations and its functional stability by antioxidant activity. International Journal of Pharmaceutics, 2007, 328, 183-190.	2.6	103
80	Doxorubicin skin penetration from monoolein-containing propylene glycol formulations. International Journal of Pharmaceutics, 2007, 329, 88-93.	2.6	57
81	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In VitroÂ¶. Photochemistry and Photobiology, 2007, 77, 304-308.	1.3	3
82	Controlled nitric oxide photo-release from nitro ruthenium complexes: The vasodilator response produced by UV light irradiation. Inorganica Chimica Acta, 2005, 358, 2643-2650.	1.2	35
83	Photodynamic therapy of skin cancer: controlled drug delivery of 5-ALA and its esters. Advanced Drug Delivery Reviews, 2004, 56, 77-94.	6.6	194
84	In Vitro Metabolism of 5-ALA Esters Derivatives in Hairless Mice Skin Homogenate and in Vivo PpIX Accumulation Studies. Pharmaceutical Research, 2004, 21, 2247-2252.	1.7	39
85	Optimization of aminolevulinic acid delivery by iontophoresis. Journal of Controlled Release, 2003, 88, 65-70.	4.8	64
86	In vitro skin permeation and retention of 5-aminolevulinic acid ester derivatives for photodynamic therapy. Journal of Controlled Release, 2003, 89, 261-269.	4.8	85
87	Enhanced Delivery of 5-Aminolevulinic Acid Esters by Iontophoresis In VitroÂ¶. Photochemistry and Photobiology, 2003, 77, 304.	1.3	54
88	Iontophoretic delivery of 5-aminolevulinic acid (ALA): effect of pH. Pharmaceutical Research, 2001, 18, 311-315.	1.7	79
89	Influence of cyclodextrin complexation on the in vitro permeation and skin metabolism of dexamethasone. International Journal of Pharmaceutics, 2000, 200, 127-132.	2.6	76
90	Formation of cyclodextrin inclusion complexes with corticosteroids: their characterization and stability. International Journal of Pharmaceutics, 1998, 167, 205-213.	2.6	50

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91	The influence of lecithin and urea on the in vitro permeation of hydrocortisone acetate through skin from hairless mouse. International Journal of Pharmaceutics, 1997, 146, 255-262.	2.6	36
92	Topical Administration of Anticancer Drugs for Skin Cancer Treatment. , 0, , .		7