

# Beatriz Clares

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,374  
citations

186265

28  
h-index

223800

46  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current encapsulation strategies for bioactive oils: From alimentary to pharmaceutical perspectives. <i>Food Research International</i> , 2016, 83, 41-59.	6.2	169
2	Design and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for enhanced dissolution of gemfibrozil. <i>International Journal of Pharmaceutics</i> , 2012, 431, 161-175.	5.2	134
3	Evaluating the Oxidative Stress in Inflammation: Role of Melatonin. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16981-17004.	4.1	113
4	Nanoemulsions (NEs), liposomes (LPs) and solid lipid nanoparticles (SLNs) for retinyl palmitate: Effect on skin permeation. <i>International Journal of Pharmaceutics</i> , 2014, 473, 591-598.	5.2	111
5	Biopharmaceutical evaluation of epigallocatechin gallate-loaded cationic lipid nanoparticles (EGCG-LNs): In vivo, in vitro and ex vivo studies. <i>International Journal of Pharmaceutics</i> , 2016, 502, 161-169.	5.2	101
6	New Nanotechnologies for the Treatment and Repair of Skin Burns Infections. <i>International Journal of Molecular Sciences</i> , 2020, 21, 393.	4.1	80
7	Nano-engineering of 5-fluorouracil-loaded magnetoliposomes for combined hyperthermia and chemotherapy against colon cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 329-338.	4.3	77
8	Development of alginate microspheres as nystatin carriers for oral mucosa drug delivery. <i>Carbohydrate Polymers</i> , 2015, 117, 140-149.	10.2	67
9	Design and optimization of oleanolic/ursolic acid-loaded nanoplatforms for ocular anti-inflammatory applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 521-530.	3.3	60
10	Novel microparticulate systems for the vaginal delivery of nystatin: Development and characterization. <i>Carbohydrate Polymers</i> , 2013, 94, 1-11.	10.2	59
11	Amphotericin B releasing topical nanoemulsion for the treatment of candidiasis and aspergillosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2303-2312.	3.3	56
12	Formulation Strategies to Improve Nose-to-Brain Delivery of Donepezil. <i>Pharmaceutics</i> , 2019, 11, 64.	4.5	55
13	Development and characterization of two nano-structured systems for topical application of flavanones isolated from <i>Eysenhardtia platycarpa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 183-192.	5.0	52
14	Improved antitumor activity and reduced toxicity of doxorubicin encapsulated in poly( $\epsilon$ -caprolactone) nanoparticles in lung and breast cancer treatment: An in vitro and in vivo study. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 102, 24-34.	4.0	49
15	Biopharmaceutical profile of a clotrimazole nanoemulsion: Evaluation on skin and mucosae as anticandidal agent. <i>International Journal of Pharmaceutics</i> , 2019, 554, 105-115.	5.2	46
16	Design and evaluation of a multifunctional thermosensitive poloxamer-chitosan-hyaluronic acid gel for the treatment of skin burns. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 412-422.	7.5	46
17	Development of a cell-based medicinal product: regulatory structures in the European Union. <i>British Medical Bulletin</i> , 2013, 105, 85-105.	6.9	43
18	Transdermal delivery of imipramine and doxepin from newly oil-in-water nanoemulsions for an analgesic and anti-allodynic activity: Development, characterization and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 558-565.	5.0	42

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19	Nanoemulsion strategy of pioglitazone for the treatment of skin inflammatory diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 19, 115-125.	3.3	41
20	An improved cryopreservation method for porcine buccal mucosa in ex vivo drug permeation studies using Franz diffusion cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 60, 49-54.	4.0	40
21	Development of a Nasal Donepezil-loaded Microemulsion for the Treatment of Alzheimer's Disease: in vitro and ex vivo Characterization. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 43-53.	1.4	40
22	Design and elaboration of freeze-dried PLGA nanoparticles for the transcorneal permeation of carprofen: Ocular anti-inflammatory applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 935-943.	5.0	38
23	Principal Criteria for Evaluating the Quality, Safety and Efficacy of hMSC-Based Products in Clinical Practice: Current Approaches and Challenges. <i>Pharmaceutics</i> , 2019, 11, 552.	4.5	37
24	Developing Transdermal Applications of Ketorolac Tromethamine Entrapped in Stimuli Sensitive Block Copolymer Hydrogels. <i>Pharmaceutical Research</i> , 2017, 34, 1728-1740.	3.5	37
25	Standard Requirement of a Microbiological Quality Control Program for the Manufacture of Human Mesenchymal Stem Cells for Clinical Use. <i>Stem Cells and Development</i> , 2014, 23, 1074-1083.	2.1	35
26	Study of the stability of packaging and storage conditions of human mesenchymal stem cell for intra-arterial clinical application in patient with critical limb ischemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 459-468.	4.3	32
27	Ex vivo permeation of carprofen from nanoparticles: A comprehensive study through human, porcine and bovine skin as anti-inflammatory agent. <i>International Journal of Pharmaceutics</i> , 2016, 501, 10-17.	5.2	31
28	Formulation and in vitro evaluation of magnetoliposomes as a potential nanotool in colorectal cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 553-565.	5.0	30
29	Poly(butylcyanoacrylate) and Poly( $\epsilon$ -caprolactone) Nanoparticles Loaded with 5-Fluorouracil Increase the Cytotoxic Effect of the Drug in Experimental Colon Cancer. <i>AAPS Journal</i> , 2015, 17, 918-929.	4.4	28
30	Thermoreversible Gel-Loaded Amphotericin B for the Treatment of Dermal and Vaginal Candidiasis. <i>Pharmaceutics</i> , 2019, 11, 312.	4.5	28
31	Enhancing Topical Analgesic Administration: Review and Prospect for Transdermal and Transbuccal Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2015, 21, 2867-2882.	1.9	28
32	Development of Clotrimazole Multiple W/O/W Emulsions as Vehicles for Drug Delivery: Effects of Additives on Emulsion Stability. <i>AAPS PharmSciTech</i> , 2017, 18, 539-550.	3.3	26
33	Validation of an Ex Vivo Permeation Method for the Intestinal Permeability of Different BCS Drugs and Its Correlation with Caco-2 In Vitro Experiments. <i>Pharmaceutics</i> , 2019, 11, 638.	4.5	25
34	Development of a mucoadhesive delivery system for control release of doxepin with application in vaginal pain relief associated with gynecological surgery. <i>International Journal of Pharmaceutics</i> , 2018, 535, 393-401.	5.2	23
35	Therapy for prevention and treatment of skin ionizing radiation damage: a review. <i>International Journal of Radiation Biology</i> , 2019, 95, 537-553.	1.8	23
36	Optimization of nimesulide-loaded solid lipid nanoparticles (SLN) by factorial design, release profile and cytotoxicity in human Colon adenocarcinoma cell line. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 616-622.	2.4	22

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37	Topical Pioglitazone Nanoformulation for the Treatment of Atopic Dermatitis: Design, Characterization and Efficacy in Hairless Mouse Model. <i>Pharmaceutics</i> , 2020, 12, 255.	4.5	22
38	Formulation Design and Optimization for the Improvement of Nystatin-Loaded Lipid Intravenous Emulsion. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4015-4023.	3.3	20
39	Development and validation of a high-performance liquid chromatography method for the quantification of ursolic/oleanic acids mixture isolated from <i>Plumeria obtusa</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 983-984, 111-116.	2.3	20
40	Encapsulation in Cell Therapy: Methodologies, Materials, and Clinical Applications. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 365-377.	1.6	20
41	Design and physicochemical stability studies of paediatric oral formulations of sildenafil. <i>International Journal of Pharmaceutics</i> , 2014, 460, 234-239.	5.2	19
42	Design and evaluation of mesenchymal stem cells seeded chitosan/glycosaminoglycans quaternary hydrogel scaffolds for wound healing applications. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118632.	5.2	19
43	Clotrimazole multiple W/O/W emulsion as anticandidal agent: Characterization and evaluation on skin and mucosae. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 166-174.	5.0	19
44	Biopharmaceutical Development of a Bifonazole Multiple Emulsion for Enhanced Epidermal Delivery. <i>Pharmaceutics</i> , 2019, 11, 66.	4.5	18
45	Development of biomedical 5-fluorouracil nanoplatfoms for colon cancer chemotherapy: Influence of process and formulation parameters. <i>International Journal of Pharmaceutics</i> , 2017, 530, 155-164.	5.2	16
46	Cytotoxic Evaluation of (2S)-5,7-Dihydroxy-6-prenylflavanone Derivatives Loaded PLGA Nanoparticles against MiaPaCa-2 Cells. <i>Molecules</i> , 2017, 22, 1553.	3.8	16
47	An overview of international regulatory frameworks for mesenchymal stromal cell-based medicinal products: From laboratory to patient. <i>Medicinal Research Reviews</i> , 2020, 40, 1315-1334.	10.5	16
48	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. <i>Nanomaterials</i> , 2022, 12, 377.	4.1	15
49	Melatonin Delivery: Transdermal and Transbuccal Evaluation in Different Vehicles. <i>Pharmaceutical Research</i> , 2016, 33, 1615-1627.	3.5	14
50	Development of a buccal doxepin platform for pain in oral mucositis derived from head and neck cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 203-211.	4.3	13
51	Transbuccal delivery of doxepin: Studies on permeation and histological investigation. <i>International Journal of Pharmaceutics</i> , 2014, 477, 650-654.	5.2	12
52	Skin-controlled release lipid nanosystems of pranoprofen for the treatment of local inflammation and pain. <i>Nanomedicine</i> , 2018, 13, 2397-2413.	3.3	12
53	Anti-inflammatory, antioxidant and cytotoxicity activities of methanolic extract and prenylated flavanones isolated from leaves of <i>Eysehadtia platycarpa</i> . <i>Natural Product Communications</i> , 2013, 8, 177-80.	0.5	12
54	New Formulations Loading Caspofungin for Topical Therapy of Vulvovaginal Candidiasis. <i>Gels</i> , 2021, 7, 259.	4.5	12

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55	Enhancing Effect of Glucose Microspheres in the Viability of Human Mesenchymal Stem Cell Suspensions for Clinical Administration. <i>Pharmaceutical Research</i> , 2014, 31, 3515-3528.	3.5	11
56	Mesenchymal Stem Cells as Therapeutics Agents: Quality and Environmental Regulatory Aspects. <i>Stem Cells International</i> , 2016, 2016, 1-14.	2.5	11
57	Semisolid formulations containing cetirizine: human skin permeation and topical antihistaminic evaluation in a rabbit model. <i>Archives of Dermatological Research</i> , 2014, 306, 711-717.	1.9	10
58	Endogenous Antioxidant Cocktail Loaded Hydrogel for Topical Wound Healing of Burns. <i>Pharmaceutics</i> , 2021, 13, 8.	4.5	10
59	Skin permeation of cacalol, cacalone and 6-epi-cacalone sesquiterpenes from a nanoemulsion. <i>Natural Product Communications</i> , 2012, 7, 821-3.	0.5	9
60	Nanoemulsion Strategy for Ursolic and Oleanic Acids Isolates from <i>Plumeria Obtusa</i> Improves Antioxidant and Cytotoxic Activity in Melanoma Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 847-853.	1.7	8
61	Polymeric Nanoparticles and Chitosan Gel Loading Ketorolac Tromethamine to Alleviate Pain Associated with Condyloma Acuminata during the Pre- and Post-Ablation. <i>Pharmaceutics</i> , 2021, 13, 1784.	4.5	8
62	Development of a liquid chromatographic method for the quantification of paromomycin. Application to in vitro release and ex vivo permeation studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 657-662.	3.9	7
63	Study of Melatonin as Preventive Agent of Gastrointestinal Damage Induced by Sodium Diclofenac. <i>Cells</i> , 2020, 9, 180.	4.1	7
64	Antioxidant Activity Evaluation of New Dosage Forms as Vehicles for Dehydrated Vegetables. <i>Plant Foods for Human Nutrition</i> , 2013, 68, 200-206.	3.2	6
65	Ex-Vivo and In-Vivo Assessment of <i>Cyclamen europaeum</i> Extract After Nasal Administration. <i>Pharmaceutics</i> , 2019, 11, 426.	4.5	6
66	Nano-engineering of ketorolac tromethamine platforms for ocular treatment of inflammatory disorders. <i>Nanomedicine</i> , 2021, 16, 401-414.	3.3	6
67	Validated spectrofluorometric method for determination of gemfibrozil in self nanoemulsifying drug delivery systems (SNEDDS). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 22-27.	3.9	5
68	Validation of Doxepin Quantitative Determination Methods for their Application to &lt;i>In Vitro&/i>, &lt;i>Ex Vivo&/i> and &lt;i>In Vivo&/i> Studies. <i>Current Pharmaceutical Analysis</i> , 2015, 11, 269-277.	0.6	5
69	Melatonin nanogel promotes skin healing response in burn wounds of rats. <i>Nanomedicine</i> , 2020, 15, 2133-2147.	3.3	5
70	Permeation studies through porcine small intestine of furosemide solutions for personalised paediatric administration. <i>International Journal of Pharmaceutics</i> , 2014, 475, 208-213.	5.2	4
71	Nano-engineering of biomedical prednisolone liposomes: evaluation of the cytotoxic effect on human colon carcinoma cell lines. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 488-497.	2.4	4
72	Anti-inflammatory nanomedicines: what does the future hold?. <i>Nanomedicine</i> , 2020, 15, 1357-1360.	3.3	4

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73	Skin rejuvenation: Biopolymers applied to UV sunscreens and sheet masks. , 2020, , 309-330.		4
74	Novel Polymeric Formulation for Removal of Gastrointestinal Polyps by Digestive Endoscopy. Pharmaceutics, 2020, 12, 322.	4.5	4
75	Skin Permeation of Cacalol, Cacalone and 6-epi-Cacalone Sesquiterpenes from a Nanoemulsion. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	3
76	Main Analytical Methods for the Viability Assessment of Mesenchymal Stem Cells for Use as Cellular Medicines. Current Pharmaceutical Analysis, 2018, 14, 427-436.	0.6	3
77	Design of pediatric oral formulations with a low proportion of methadone or phenobarbital for the treatment of neonatal abstinence syndrome. Pharmaceutical Development and Technology, 2015, 21, 1-8.	2.4	2
78	Efficacy and Safety of a Novel Submucosal Injection Solution for Resection of Gastrointestinal Lesions. Journal of Clinical Medicine, 2020, 9, 1162.	2.4	1
79	A Novel Hydrogel of Poloxamer 407-Chitosan-hyaluronic Acid as Possible Wound Healing in Skin and Mucosa. Proceedings (mdpi), 2021, 78, 53.	0.2	1
80	Novel Strategy for the Formulation of Poorly Water-Soluble Drugs: Nystatin Microencapsulation. Proceedings (mdpi), 2021, 78, 41.	0.2	1