

# Lucas A M Ferreira

## List of Publications by Year in descending order

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85  
papers

2,247  
citations

186265  
28  
h-index

254184  
43  
g-index

86  
all docs

86  
docs citations

86  
times ranked

2916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of lipophilic surfactant on the release kinetics of water-soluble molecules entrapped in a W/O/W multiple emulsion. <i>Journal of Controlled Release</i> , 1997, 45, 1-13.	9.9	121
2	Formation of ion pairing as an alternative to improve encapsulation and stability and to reduce skin irritation of retinoic acid loaded in solid lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2009, 381, 77-83.	5.2	105
3	New approach to improve encapsulation and antitumor activity of doxorubicin loaded in solid lipid nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 282-290.	4.0	95
4	In Vitro Skin Permeation and Retention of Paromomycin from Liposomes for Topical Treatment of the Cutaneous Leishmaniasis. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 289-296.	2.0	69
5	Solid lipid nanoparticles co-loaded with doxorubicin and $\hat{\alpha}$ -tocopherol succinate are effective against drug-resistant cancer cells in monolayer and 3-D spheroid cancer cell models. <i>International Journal of Pharmaceutics</i> , 2016, 512, 292-300.	5.2	65
6	Novel Nanostructured Lipid Carrier Co-Loaded with Doxorubicin and Docosahexaenoic Acid Demonstrates Enhanced in Vitro Activity and Overcomes Drug Resistance in MCF-7/Adr Cells. <i>Pharmaceutical Research</i> , 2014, 31, 1882-1892.	3.5	64
7	Novel vesicular and particulate drug delivery systems for topical treatment of acne. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 665-679.	5.0	60
8	Nanoemulsions loaded with amphotericin B: A new approach for the treatment of leishmaniasis. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 70, 125-131.	4.0	58
9	Comedolytic effect and reduced skin irritation of a new formulation of all-trans retinoic acid-loaded solid lipid nanoparticles for topical treatment of acne. <i>Archives of Dermatological Research</i> , 2011, 303, 513-520.	1.9	57
10	Development of a new solid lipid nanoparticle formulation containing retinoic acid for topical treatment of acne. <i>Journal of Microencapsulation</i> , 2007, 24, 395-407.	2.8	53
11	Retinoic acid-loaded solid lipid nanoparticles surrounded by chitosan film support diabetic wound healing in in vivo study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110749.	5.0	53
12	Topical delivery and <i>in vivo</i> antileishmanial activity of paromomycin-loaded liposomes for treatment of cutaneous leishmaniasis. <i>Journal of Liposome Research</i> , 2010, 20, 16-23.	3.3	52
13	Drug delivery systems for the topical treatment of cutaneous leishmaniasis. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1083-1097.	5.0	50
14	$\hat{\alpha}$ -Tocopherol succinate improves encapsulation and anticancer activity of doxorubicin loaded in solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 246-253.	5.0	49
15	Preparation, Physicochemical Characterization, and Cell Viability Evaluation of Long-Circulating and pH-Sensitive Liposomes Containing Ursolic Acid. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	47
16	Co-delivery of doxorubicin, docosahexaenoic acid, and $\hat{\alpha}$ -tocopherol succinate by nanostructured lipid carriers has a synergistic effect to enhance antitumor activity and reduce toxicity. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110876.	5.6	44
17	Amphotericin B-Loaded Nanocarriers for Topical Treatment of Cutaneous Leishmaniasis: Development, Characterization, and <i>In Vitro</i> Skin Permeation Studies. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 322-329.	1.1	42
18	Doxorubicin-loaded nanocarriers: A comparative study of liposome and nanostructured lipid carrier as alternatives for cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 252-257.	5.6	42

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19	Vehicle influence on in vitro release of metronidazole: role of w/o/w multiple emulsion. <i>International Journal of Pharmaceutics</i> , 1994, 109, 251-259.	5.2	41
20	New insights into the mode of action of ultradeformable vesicles using calcein as hydrophilic fluorescent marker. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 90-96.	4.0	41
21	Î±- Tocopherol succinate loaded nano-structured lipid carriers improves antitumor activity of doxorubicin in breast cancer models in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1348-1354.	5.6	40
22	Mode of action of Î²-cyclodextrin as an absorption enhancer of the water-soluble drug meglumine antimoniate. <i>International Journal of Pharmaceutics</i> , 2006, 325, 39-47.	5.2	37
23	Solid Lipid Nanoparticles Loaded with Retinoic Acid and Lauric Acid as an Alternative for Topical Treatment of Acne Vulgaris. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 792-799.	0.9	37
24	Hydrophobic ion pairing as a strategy to improve drug encapsulation into lipid nanocarriers for the cancer treatment. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 983-995.	5.0	35
25	Topical Delivery of Fluconazole: In Vitro Skin Penetration and Permeation Using Emulsions as Dosage Forms. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 273-280.	2.0	34
26	Activity of a paromomycin hydrophilic formulation for topical treatment of infections by <i>Leishmania (Leishmania) amazonensis</i> and <i>Leishmania (Viannia) braziliensis</i> . <i>Acta Tropica</i> , 2005, 93, 161-167.	2.0	32
27	Development of a bone-targeted pH-sensitive liposomal formulation containing doxorubicin: physicochemical characterization, cytotoxicity, and biodistribution evaluation in a mouse model of bone metastasis. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3737-3751.	6.7	31
28	Reductions in Skin and Systemic Parasite Burdens as a Combined Effect of Topical Paromomycin and Oral Miltefosine Treatment of Mice Experimentally Infected with <i>Leishmania</i> ( <i>Leishmania</i> ) Tj ETQq0 00rgBT /Overlock 10	3.0	29
29	A new nanoemulsion formulation improves antileishmanial activity and reduces toxicity of amphotericin B. <i>Journal of Drug Targeting</i> , 2018, 26, 357-364.	4.4	29
30	Vehicle influence on in vitro release of glucose: w/o, w/o/w and o/w systems compared. <i>Journal of Controlled Release</i> , 1995, 33, 349-356.	9.9	28
31	Alendronate-coated long-circulating liposomes containing <sup>99m</sup> technetium-ceftizoxime used to identify osteomyelitis. <i>International Journal of Nanomedicine</i> , 2015, 10, 2441.	6.7	27
32	Nanostructured Lipid Carrier Co-loaded with Doxorubicin and Docosahexaenoic Acid as a Theranostic Agent: Evaluation of Biodistribution and Antitumor Activity in Experimental Model. <i>Molecular Imaging and Biology</i> , 2018, 20, 437-447.	2.6	27
33	Sclareol is a potent enhancer of doxorubicin: Evaluation of the free combination and co-loaded nanostructured lipid carriers against breast cancer. <i>Life Sciences</i> , 2019, 232, 116678.	4.3	26
34	Enhanced antitumor efficacy of lapachol-loaded nanoemulsion in breast cancer tumor model. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110936.	5.6	26
35	Combined topical paromomycin and oral miltefosine treatment of mice experimentally infected with <i>Leishmania (Leishmania) major</i> leads to reduction in both lesion size and systemic parasite burdens. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 1234-1240.	3.0	25
36	Improved <i>In Vitro</i> Antileukemic Activity of <i>All-Trans</i> Retinoic Acid Loaded in Cholesteryl Butyrate Solid Lipid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1291-1300.	0.9	25

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37	Nanostructured lipid carriers loaded with tributyrin as an alternative to improve anticancer activity of all-trans retinoic acid. <i>Expert Review of Anticancer Therapy</i> , 2015, 15, 247-256.	2.4	24
38	Topical photodynamic therapy with chloroaluminum phthalocyanine liposomes is as effective as systemic pentavalent antimony in the treatment of experimental cutaneous leishmaniasis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 210-215.	2.6	24
39	Formation of ion pairing as an alternative to improve encapsulation and anticancer activity of all-trans retinoic acid loaded in solid lipid nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 6011.	6.7	23
40	Alpha-tocopheryl succinate improves encapsulation, pH-sensitivity, antitumor activity and reduces toxicity of doxorubicin-loaded liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 144, 105205.	4.0	22
41	Doxorubicin-loaded pH-sensitive micelles: A promising alternative to enhance antitumor activity and reduce toxicity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111076.	5.6	22
42	In vitro percutaneous absorption of metronidazole and glucose: Comparison of o/w, w/o/w and w/o systems. <i>International Journal of Pharmaceutics</i> , 1995, 121, 169-179.	5.2	21
43	Efficacy of nanoemulsion with <i>Pterodon emarginatus</i> Vogel oleoresin for topical treatment of cutaneous leishmaniasis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111109.	5.6	21
44	Comparative study of the efficacy of formulations containing fluconazole or paromomycin for topical treatment of infections by <i>Leishmania (Leishmania) major</i> and <i>Leishmania (Leishmania) amazonensis</i> . <i>Parasitology Research</i> , 2007, 100, 1221-1226.	1.6	20
45	Pharmaceutical nanocarrier association with chondrocytes and cartilage explants: influence of surface modification and extracellular matrix depletion. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 377-384.	1.3	20
46	Technetium-99m-labeled doxorubicin as an imaging probe for murine breast tumor (4T1 cell line) identification. <i>Nuclear Medicine Communications</i> , 2016, 37, 307-312.	1.1	20
47	Nanoencapsulated retinoic acid as a safe tolerogenic adjuvant for intranasal vaccination against cutaneous leishmaniasis. <i>Vaccine</i> , 2019, 37, 3660-3667.	3.8	20
48	Improved pharmacokinetics and enhanced tumor growth inhibition using a nanostructured lipid carrier loaded with doxorubicin and modified with a layer-by-layer polyelectrolyte coating. <i>International Journal of Pharmaceutics</i> , 2015, 495, 186-193.	5.2	19
49	Polarity-sensitive nanocarrier for oral delivery of Sb(V) and treatment of cutaneous leishmaniasis. <i>International Journal of Nanomedicine</i> , 2016, 11, 2305.	6.7	17
50	Sclareol-loaded lipid nanoparticles improved metabolic profile in obese mice. <i>Life Sciences</i> , 2019, 218, 292-299.	4.3	16
51	Nanoencapsulated Doxorubicin Prevents Mucositis Development in Mice. <i>Pharmaceutics</i> , 2021, 13, 1021.	4.5	16
52	Evaluation of Antitumor Activity of Long-Circulating and pH-Sensitive Liposomes Containing Ursolic Acid in Animal Models of Breast Tumor and Gliosarcoma. <i>Integrative Cancer Therapies</i> , 2016, 15, 512-524.	2.0	15
53	Preparaço e caracterizaço de extratos gliclicos enriquecidos em taninos a partir das cascas de <i>Stryphnodendron adstringens</i> (Mart.) Coville ( <i>Barbatimo</i> ). <i>Revista Brasileira De Farmacognosia</i> , 2002, 12, 27.	1.4	14
54	Formulation of Amphotericin B in PEGylated Liposomes for Improved Treatment of Cutaneous Leishmaniasis by Parenteral and Oral Routes. <i>Pharmaceutics</i> , 2022, 14, 989.	4.5	14

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55	Combined Interleukin-12 and Topical Chemotherapy for Established Leishmaniasis Drastically Reduces Tissue Parasitism and Relapses in Susceptible Mice. <i>Journal of Infectious Diseases</i> , 2001, 183, 1646-1652.	4.0	13
56	Skin-healing activity and toxicological evaluation of a proteinase fraction from <i>Carica candamarcensis</i> . <i>European Journal of Dermatology</i> , 2011, 21, 722-730.	0.6	13
57	Characterization of a new solid lipid nanoparticle formulation containing retinoic acid for topical treatment of acne. <i>Powder Diffraction</i> , 2008, 23, S30-S35.	0.2	11
58	Recent progress in micro and nano-encapsulation of bioactive derivatives of the Brazilian genus <i>Pterodon</i> . <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112137.	5.6	11
59	Improved Cytotoxic Effect of Doxorubicin by Its Combination with Sclareol in Solid Lipid Nanoparticle Suspension. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5609-5616.	0.9	10
60	Ion Pair Strategy in Solid Lipid Nanoparticles: a Targeted Approach to Improve Epidermal Targeting with Controlled Adapalene Release, Resulting Reduced Skin Irritation. <i>Pharmaceutical Research</i> , 2020, 37, 148.	3.5	10
61	Fluconazol Method Validation by RP-HPLC for Determination in Biological Skin Matrices. <i>Journal of Chromatographic Science</i> , 2007, 45, 286-290.	1.4	9
62	Preparation, characterization, and topical delivery of paromomycin ion pairing. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 1083-1089.	2.0	8
63	Combined suboptimal schedules of topical paromomycin, meglumine antimoniate and miltefosine to treat experimental infection caused by <i>Leishmania (Viannia) braziliensis</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, dkv254.	3.0	8
64	4-Chlorophenylthioacetone-derived thiosemicarbazones as potent antitrypanosomal drug candidates: Investigations on the mode of action. <i>Bioorganic Chemistry</i> , 2021, 113, 105018.	4.1	8
65	pH-sensitive doxorubicin-tocopherol succinate prodrug encapsulated in docosahexaenoic acid-based nanostructured lipid carriers: An effective strategy to improve pharmacokinetics and reduce toxic effects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112373.	5.6	8
66	Efficacy of 2,6-dichlorophenol lure to control <i>Dermacentor nitens</i> . <i>Veterinary Parasitology</i> , 2007, 147, 155-160.	1.8	7
67	Triphenylmethane Derivatives Have High In Vitro and In Vivo Activity against the Main Causative Agents of Cutaneous Leishmaniasis. <i>PLoS ONE</i> , 2013, 8, e51864.	2.5	7
68	Metabolomics as a tool to evaluate the toxicity of formulations containing amphotericin B, an antileishmanial drug. <i>Toxicology Research</i> , 2016, 5, 1720-1732.	2.1	7
69	All-trans retinoic acid in anticancer therapy: how nanotechnology can enhance its efficacy and resolve its drawbacks. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1335-1354.	5.0	7
70	Evaluation of Antitumor Activity and Development of Solid Lipid Nanoparticles of Metronidazole Analogue. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1939-1944.	1.1	6
71	Determination of all-trans retinoic acid loaded in solid lipid nanoparticles by differential pulse voltammetry at glassy carbon electrode. <i>Electrochimica Acta</i> , 2015, 182, 929-934.	5.2	6
72	Novel self-nanoemulsifying drug-delivery system enhances antileukemic properties of all-trans retinoic acid. <i>Nanomedicine</i> , 2020, 15, 1471-1486.	3.3	6

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73	Hyaluronic acid-coated nanoemulsions loaded with a hydrophobic ion pair of all-trans retinoic acid for improving the anticancer activity. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	5
74	Nanostructured lipid carriers enhances the safety profile of tretinoin: <i>in vitro</i> and healthy human volunteersâ€™ studies. <i>Nanomedicine</i> , 2021, 16, 1391-1409.	3.3	5
75	Nanomedicine in Oncocardiology: Contribution and Perspectives of Preclinical Studies. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 690533.	2.4	4
76	Nanotechnology in adjuvants and vaccine development: what should we know?. <i>Nanomedicine</i> , 2021, 16, 2565-2568.	3.3	4
77	Influence of the formulation type (o/w, w/o/w emulsions and ointment) on the topical delivery of paromomycin. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2004, 40, 345-352.	0.5	3
78	Nanostructured lipid carriers as a novel tool to deliver sclareol: physicochemical characterisation and evaluation in human cancer cell lines. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 57, .	1.2	3
79	Stepwise Protocols for Preparation and Use of Porcine Ear Skin for in Vitro Skin Permeation Studies Using Franz Diffusion Cells. <i>Current Protocols</i> , 2022, 2, e391.	2.9	3
80	Characterization of Liposomes Containing 5-Fluorouracil in Hydrophilic Gel Using Atomic Force Microscopy. <i>Microscopy and Microanalysis</i> , 2005, 11, 62-65.	0.4	2
81	Systemic administration of a nanoemulsion with tributyrin reduces inflammation in experimental colitis. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 157-164.	1.5	2
82	Nanomedicine to deliver docosahexaenoic acid: potential applications to improve health. <i>Nanomedicine</i> , 2021, 16, 1549-1552.	3.3	2
83	Memantine-Derived Schiff Bases as Transdermal Prodrug Candidates. <i>ACS Omega</i> , 2022, 7, 11678-11687.	3.5	2
84	Chapter 3 Physicochemical and Pharmacokinetic Characterization of Ultradeformable Vesicles using Calcein as Hydrophilic Fluorescent Marker. <i>Behavior Research Methods</i> , 2009, , 65-85.	4.0	1
85	Evaluation of the Quality and Acceptability of Milk Drinks Added of Conjugated Linoleic Acid and Canola Oil and Produced in Pilot Scale. <i>American Journal of Food Technology</i> , 2012, 7, 736-745.	0.2	0