

Letícia Koester

List of Publications by Year in descending order

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83
papers

2,115
citations

218381

26
h-index

276539

41
g-index

85
all docs

85
docs citations

85
times ranked

3132
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoid delivery by solid dispersion: a systematic review. <i>Phytochemistry Reviews</i> , 2022, 21, 783-808.	3.1	5
2	Technological strategies applied for rosmarinic acid delivery through different routes – A review. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103054.	1.4	9
3	The challenge of flavonoid/cyclodextrin complexation in a complex matrix of the quercetin, luteolin, and 3-O-methylquercetin. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 625-634.	1.1	1
4	Monoolein-based nanoparticles containing indinavir: a taste-masked drug delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 83-91.	0.9	8
5	<i>Achyrocline satureioides</i> (Lam.) DC (Asteraceae) Extract-Loaded Nanoemulsions as a Promising Topical Wound Healing Delivery System: In Vitro Assessments in Human Keratinocytes (HaCaT) and HET-CAM Irritant Potential. <i>Pharmaceutics</i> , 2021, 13, 1241.	2.0	14
6	Aniba canelilla (Kunth) Mez essential oil-loaded nanoemulsion: Improved stability of the main constituents and in vitro antichemotactic activity. <i>Industrial Crops and Products</i> , 2021, 171, 113949.	2.5	9
7	Dissolving Microneedles Developed in Association with Nanosystems: A Scoping Review on the Quality Parameters of These Emerging Systems for Drug or Protein Transdermal Delivery. <i>Pharmaceutics</i> , 2021, 13, 1601.	2.0	8
8	Tobacco stalk lignocellulosic nanofibers characterization for pharmaceutical applications. <i>Research, Society and Development</i> , 2021, 10, e522101422261.	0.0	2
9	Formulating Bioactive Terpenes. <i>Biomolecules</i> , 2021, 11, 1745.	1.8	0
10	Improved skin delivery and validation of novel stability-indicating HPLC method for ketoprofen nanoemulsion. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4505-4511.	2.3	6
11	Glioprotective Effect of Chitosan-Coated Rosmarinic Acid Nanoemulsions Against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Rat Astrocyte Primary Cultures. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 123-139.	1.7	25
12	Recent Patents on Permeation Enhancers for Drug Delivery Through Nails. <i>Recent Patents on Drug Delivery and Formulation</i> , 2020, 13, 203-218.	2.1	10
13	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. <i>Neurochemistry International</i> , 2020, 141, 104875.	1.9	15
14	A stability-indicating ultra-fast liquid chromatography method for the assay of the main flavonoids of <i>Achyrocline satureioides</i> (Marcela) in porcine skin layers and nanoemulsions. <i>Phytochemical Analysis</i> , 2020, 31, 905-914.	1.2	4
15	Investigation of the compatibility between kaempferol and excipients by thermal, spectroscopic and chemometric methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1249-1260.	2.0	3
16	A chitosan hydrogel-thickened nanoemulsion containing <i>Pelargonium graveolens</i> essential oil for treatment of vaginal candidiasis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101527.	1.4	28
17	Healing activity of hydrogel containing nanoemulsified β -caryophyllene. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 148, 105318.	1.9	19
18	VPA/PLGA microfibers produced by coaxial electrospinning for the treatment of central nervous system injury. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e8993.	0.7	12

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19	Inclusion Complexes of β and HP β -Cyclodextrin with α , β Amyrin and In Vitro Anti-Inflammatory Activity. <i>Biomolecules</i> , 2019, 9, 241.	1.8	24
20	Compatibility study of rosmarinic acid with excipients used in pharmaceutical solid dosage forms using thermal and non-thermal techniques. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1138-1145.	1.2	21
21	Development, physico-chemical characterization and <i>in-vitro</i> studies of hydrogels containing rosmarinic acid-loaded nanoemulsion for topical application. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1199-1208.	1.2	15
22	Complexation of rosmarinic acid with hydroxypropyl- β -cyclodextrin and methyl- β -cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. <i>Journal of Molecular Structure</i> , 2019, 1195, 582-590.	1.8	24
23	Essential Oils and Isolated Terpenes in Nanosystems Designed for Topical Administration: A Review.. <i>Biomolecules</i> , 2019, 9, 138.	1.8	83
24	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. <i>AAPS PharmSciTech</i> , 2019, 20, 106.	1.5	31
25	An overview of the neuroprotective potential of rosmarinic acid and its association with nanotechnology-based delivery systems: A novel approach to treating neurodegenerative disorders. <i>Neurochemistry International</i> , 2019, 122, 47-58.	1.9	41
26	Essential oils in nanostructured systems: Challenges in preparation and analytical methods. <i>Talanta</i> , 2019, 195, 204-214.	2.9	62
27	Sensitive ultra-fast liquid chromatography method for rosmarinic acid determination in Wistar rat's plasma and brain. <i>Drug Analytical Research</i> , 2019, 3, 2-6.	0.2	1
28	Kaempferol-loaded mucoadhesive nanoemulsion for intranasal administration reduces glioma growth in vitro. <i>International Journal of Pharmaceutics</i> , 2018, 543, 214-223.	2.6	112
29	A novel, simplified and stability-indicating high-throughput ultra-fast liquid chromatography method for the determination of rosmarinic acid in nanoemulsions, porcine skin and nasal mucosa. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 233-241.	1.2	17
30	Topical Delivery of Coumestrol from Lipid Nanoemulsions Thickened with Hydroxyethylcellulose for Antitherpes Treatment. <i>AAPS PharmSciTech</i> , 2018, 19, 192-200.	1.5	23
31	Anti-inflammatory Effect from a Hydrogel Containing Nanoemulsified Copaiba oil (<i>Copaifera multijuga</i>) Tj ETQq1 1 0,784314 rgBT /Ov	1.5	35
32	Nanoemulsion-Loaded Hydrogels for Topical Administration of Pentyl Gallate. <i>AAPS PharmSciTech</i> , 2018, 19, 2672-2678.	1.5	8
33	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal delivery – In vitro studies. <i>Carbohydrate Polymers</i> , 2018, 199, 572-582.	5.1	68
34	Optimization, validation and application of headspace solid-phase microextraction gas chromatography for the determination of 1-nitro-2-phenylethane and methyleugenol from Aniba canelilla (H.B.K.) Mez essential oil in skin permeation samples. <i>Journal of Chromatography A</i> , 2018, 1564, 163-175.	1.8	15
35	Pharmacokinetics of Saquinavir Mesylate from Oral Self-Emulsifying Lipid-Based Delivery Systems. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 135-141.	0.6	4
36	Solid dispersions enhance solubility, dissolution, and permeability of thalidomide. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 511-518.	0.9	7

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37	Trypanocidal activity of the compounds present in Aniba canelilla oil against <i>Trypanosoma evansi</i> and its effects on viability of lymphocytes. <i>Microbial Pathogenesis</i> , 2017, 103, 13-18.	1.3	25
38	Validation of an HPLC-UV method for analysis of Kaempferol-loaded nanoemulsion and its application to in vitro and in vivo tests. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 831-837.	1.4	24
39	Obtenção de espumas flexíveis de poliuretano com celulose de <i>Pinus elliottii</i> . <i>Polimeros</i> , 2017, 27, 27-34.	0.2	10
40	Nanoemulsification Potentiates <i>In Vivo</i> Antiedematogenic Effect of Copaiba Oil. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 583-590.	0.5	9
41	Pentyl Gallate Nanoemulsions as Potential Topical Treatment of Herpes Labialis. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2194-2203.	1.6	9
42	Nanoemulsions containing a synthetic chalcone: Photodegradation, in vitro release, and interaction studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 42-49.	2.0	3
43	The international scenario of patents concerning isoflavones. <i>Trends in Food Science and Technology</i> , 2016, 49, 85-95.	7.8	26
44	Isoflavone-aglycone fraction from <i>Glycine max</i> : a promising raw material for isoflavone-based pharmaceutical or nutraceutical products. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 259-267.	0.6	25
45	<i>In Vitro</i> Evaluation of Mucosa Permeation/Retention and Antiherpes Activity of Genistein from Cationic Nanoemulsions. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1282-1290.	0.9	19
46	Nanoemulsions containing a synthetic chalcone as an alternative for treating cutaneous leishmaniasis: optimization using a full factorial design. <i>International Journal of Nanomedicine</i> , 2015, 10, 5529.	3.3	36
47	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids from <i>Achyrocline satureioides</i> Extract Incorporated into Topical Nanoemulsions. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	28
48	Antiherpes evaluation of soybean isoflavonoids. <i>Archives of Virology</i> , 2015, 160, 2335-2342.	0.9	23
49	Determination of \hat{I}^2 -caryophyllene skin permeation/retention from crude copaiba oil (<i>Copaifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 104, 144-148.	1.4	42
50	A versatile, stability-indicating and high-throughput ultra-fast liquid chromatography method for the determination of isoflavone aglycones in soybeans, topical formulations, and permeation assays. <i>Talanta</i> , 2015, 134, 183-193.	2.9	25
51	Bioactive soy isoflavones: extraction and purification procedures, potential dermal use and nanotechnology-based delivery systems. <i>Phytochemistry Reviews</i> , 2015, 14, 849-869.	3.1	35
52	Oral saquinavir mesylate solid dispersions: In vitro dissolution, Caco-2 cell model permeability and in vivo absorption studies. <i>Powder Technology</i> , 2015, 269, 200-206.	2.1	5
53	Factorial design applied to the optimization of lipid composition of topical antiherpetic nanoemulsions containing isoflavone genistein. <i>International Journal of Nanomedicine</i> , 2014, 9, 4737.	3.3	23
54	A New Simplified and Stability Indicating Liquid Chromatography Method for Routine Analysis of Isoflavones Aglycones in Different Complex Matrices. <i>Food Analytical Methods</i> , 2014, 7, 1881-1890.	1.3	6

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55	Incorporation of <i>Achyrocline satureioides</i> (Lam.) DC extracts into topical nanoemulsions obtained by means of spontaneous emulsification procedure. <i>Industrial Crops and Products</i> , 2014, 62, 421-429.	2.5	24
56	Optimization of Copaiba oil-based nanoemulsions obtained by different preparation methods. <i>Industrial Crops and Products</i> , 2014, 59, 154-162.	2.5	57
57	Development and physicochemical characterization of saquinavir mesylate solid dispersions using Gelucire 44/14 or PEG 4000 as carrier. <i>Archives of Pharmacal Research</i> , 2013, 36, 1113-1125.	2.7	8
58	Citotoxic activity evaluation of essential oils and nanoemulsions of <i>Drimys angustifolia</i> and <i>D. brasiliensis</i> on human glioblastoma (U-138 MG) and human bladder carcinoma (T24) cell lines in vitro. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 259-267.	0.6	31
59	Multiple complexation of cyclodextrin with soy isoflavones present in an enriched fraction. <i>Carbohydrate Polymers</i> , 2013, 98, 726-735.	5.1	35
60	Trypanocidal activity of the essential oils in their conventional and nanoemulsion forms: In vitro tests. <i>Experimental Parasitology</i> , 2013, 134, 356-361.	0.5	55
61	Development and validation of a dissolution test for primaquine/polyethylene oxide matrix tablets. <i>Quimica Nova</i> , 2013, 36, 407-412.	0.3	0
62	Validation of an LC Method to Determine Skin Retention Profile of Genistein from Nanoemulsions Incorporated in Hydrogels. <i>Journal of Chromatographic Science</i> , 2012, 50, 114-118.	0.7	6
63	Development of Topical Hydrogels Containing Genistein-Loaded Nanoemulsions. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 330-336.	0.5	31
64	Development of a stability-indicating LC method for determination of a synthetic chalcone derivative in a nanoemulsion dosage form and identification of the main photodegradation product by LC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 652-656.	1.4	8
65	Optimization of headspace solid-phase microextraction for analysis of β -caryophyllene in a nanoemulsion dosage form prepared with copaiba (<i>Copaifera multijuga</i> Hayne) oil. <i>Analytica Chimica Acta</i> , 2012, 721, 79-84.	2.6	36
66	Nanoemulsões como sistemas de liberação parenteral de fármacos. <i>Quimica Nova</i> , 2012, 35, 1827-1840.	0.3	52
67	Preparation, Characterization, and In Vitro Intestinal Permeability Evaluation of Thalidomide- β -Cyclodextrin Complexes. <i>AAPS PharmSciTech</i> , 2012, 13, 118-124.	1.5	20
68	An HPLC-UV method for the measurement of permeability of marker drugs in the Caco-2 cell assay. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 531-537.	0.7	20
69	Development and characterization of parenteral nanoemulsions containing thalidomide. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 238-245.	1.9	115
70	Improvement of genistein content in solid genistein-/cyclodextrin complexes β . <i>Quimica Nova</i> , 2010, 33, 587-590.	0.3	15
71	Pharmacokinetic study of a carbamazepine nanoemulsion in beagle dogs. <i>International Journal of Pharmaceutics</i> , 2009, 378, 146-148.	2.6	19
72	Studies on coumestrol/ β -cyclodextrin association: Inclusion complex characterization. <i>International Journal of Pharmaceutics</i> , 2009, 369, 5-11.	2.6	41

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73	Association of 3-O-methylquercetin with β -cyclodextrin: complex preparation, characterization and ex vivo skin permeation studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 149-159.	1.6	17
74	Preliminary Study on the Development of Nanoemulsions for Carbamazepine Intravenous Delivery: An Investigation of Drug Polymorphic Transition. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 53-58.	0.9	14
75	Carbamazepine parenteral nanoemulsions prepared by spontaneous emulsification process. <i>International Journal of Pharmaceutics</i> , 2007, 342, 231-239.	2.6	157
76	Determination of Carbamazepine in Parenteral Nanoemulsions: Development and Validation of an HPLC Method. <i>Chromatographia</i> , 2007, 66, 427-430.	0.7	13
77	Bioavailability of carbamazepine: β -cyclodextrin complex in beagle dogs from hydroxypropylmethylcellulose matrix tablets. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 201-207.	1.9	29
78	Mathematical evaluation of in vitro release profiles of hydroxypropylmethylcellulose matrix tablets containing carbamazepine associated to β -cyclodextrin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 177-179.	2.0	46
79	Carbamazepine/ β CD/HPMC Solid Dispersions. I. Influence of the Spray-Drying Process and β CD/HPMC on the Drug Dissolution Profile. <i>Drug Development and Industrial Pharmacy</i> , 2003, 29, 139-144.	0.9	14
80	Carbamazepine/ β CD/HPMC Solid Dispersions. II. Physical Characterization. <i>Drug Development and Industrial Pharmacy</i> , 2003, 29, 145-154.	0.9	22
81	Influence of β -cyclodextrin complexation on carbamazepine release from hydroxypropyl methylcellulose matrix tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 55, 85-91.	2.0	54
82	Ofloxacin/ β -Cyclodextrin Complexation. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 533-540.	0.9	23
83	Studies on the anchorage of ATP diphosphohydrolase in synaptic plasma membranes from rat brain. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 669-678.	1.2	9