LetÃ-cia Koester

List of Publications by Year
in descending order

83	2,115	218381	276539
papers	citations	26 h-index	41 g-index

85	85	85	3132
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Carbamazepine parenteral nanoemulsions prepared by spontaneous emulsification process. International Journal of Pharmaceutics, 2007, 342, 231-239.	2.6	157
2	Development and characterization of parenteral nanoemulsions containing thalidomide. European Journal of Pharmaceutical Sciences, 2011, 42, 238-245.	1.9	115
3	Kaempferol-loaded mucoadhesive nanoemulsion for intranasal administration reduces glioma growth in vitro. International Journal of Pharmaceutics, 2018, 543, 214-223.	2.6	112
4	Essential Oils and Isolated Terpenes in Nanosystems Designed for Topical Administration: A Review.. Biomolecules, 2019, 9, 138.	1.8	83
5	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal deliveryâ€"In vitro studies. Carbohydrate Polymers, 2018, 199, 572-582.	5.1	68
6	Essential oils in nanostructured systems: Challenges in preparation and analytical methods. Talanta, 2019, 195, 204-214.	2.9	62
7	Optimization of Copaiba oil-based nanoemulsions obtained by different preparation methods. Industrial Crops and Products, 2014, 59, 154-162.	2.5	57
8	Trypanocidal activity of the essential oils in their conventional and nanoemulsion forms: In vitro tests. Experimental Parasitology, 2013, 134, 356-361.	0.5	55
9	Influence of Î²-cyclodextrin complexation on carbamazepine release from hydroxypropyl methylcellulose matrix tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 55, 85-91.	2.0	54
10	NanoemulsÃµes como sistemas de liberaÃ§Ã£o parenteral de fÃ¡rmacos. Quimica Nova, 2012, 35, 1827-1840.	0.3	52
11	Mathematical evaluation of in vitro release profiles of hydroxypropylmethylcellulose matrix tablets containing carbamazepine associated to Î²-cyclodextrin. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 58, 177-179.	2.0	46
12	Determination of Î²-caryophyllene skin permeation/retention from crude copaiba oil (Copaifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Pharmaceutical and Biomedical Analysis, 2015, 104, 144-148.	1.4	42
13	Studies on coumestrol/Î²-cyclodextrin association: Inclusion complex characterization. International Journal of Pharmaceutics, 2009, 369, 5-11.	2.6	41
14	An overview of the neuroprotective potential of rosmarinic acid and its association with nanotechnology-based delivery systems: A novel approach to treating neurodegenerative disorders. Neurochemistry International, 2019, 122, 47-58.	1.9	41
15	Optimization of headspace solid-phase microextraction for analysis of Î²-caryophyllene in a nanoemulsion dosage form prepared with copaiba (Copaifera multijuga Hayne) oil. Analytica Chimica Acta, 2012, 721, 79-84.	2.6	36
16	Nanoemulsions containing a synthetic chalcone as an alternative for treating cutaneous leshmaniasis: optimization using a full factorial design. International Journal of Nanomedicine, 2015, 10, 5529.	3.3	36
17	Multiple complexation of cyclodextrin with soy isoflavones present in an enriched fraction. Carbohydrate Polymers, 2013, 98, 726-735.	5.1	35
18	Bioactive soy isoflavones: extraction and purification procedures, potential dermal use and nanotechnology-based delivery systems. Phytochemistry Reviews, 2015, 14, 849-869.	3.1	35

#	Article	IF	Citations
19	Anti-inflammatory Effect from a Hydrogel Containing Nanoemulsified Copaiba oil (Copaifera multijuga) Tj ETQq1 1 0.784314 rgBT /Over	1.5	33
20	Development of Topical Hydrogels Containing Genistein-Loaded Nanoemulsions. Journal of Biomedical Nanotechnology, 2012, 8, 330-336.	0.5	31
21	Citotoxic activity evaluation of essential oils and nanoemulsions of Drimys angustifolia and D. brasiliensis on human glioblastoma (U-138 MG) and human bladder carcinoma (T24) cell lines in vitro. Revista Brasileira De Farmacognosia, 2013, 23, 259-267.	0.6	31
22	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. AAPS PharmSciTech, 2019, 20, 106.	1.5	31
23	Bioavailability of carbamazepine:Î²-cyclodextrin complex in beagle dogs from hydroxypropylmethylcellulose matrix tablets. European Journal of Pharmaceutical Sciences, 2004, 22, 201-207.	1.9	29
24	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids fromAchyrocline satureioidesExtract Incorporated into Topical Nanoemulsions. BioMed Research International, 2015, 2015, 1-7.	0.9	28
25	A chitosan hydrogel-thickened nanoemulsion containing Pelargonium graveolens essential oil for treatment of vaginal candidiasis. Journal of Drug Delivery Science and Technology, 2020, 56, 101527.	1.4	28
26	The international scenario of patents concerning isoflavones. Trends in Food Science and Technology, 2016, 49, 85-95.	7.8	26
27	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. Talanta, 2015, 134, 183-193.	2.9	25
28	Isoflavone-aglycone fraction from Glycine max: a promising raw material for isoflavone-based pharmaceutical or nutraceutical products. Revista Brasileira De Farmacognosia, 2016, 26, 259-267.	0.6	25
29	Trypanocidal activity of the compounds present in Aniba canelilla oil against Trypanosoma evansi and its effects on viability of lymphocytes. Microbial Pathogenesis, 2017, 103, 13-18.	1.3	25
30	Glioprotective Effect of Chitosan-Coated Rosmarinic Acid Nanoemulsions Against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Rat Astrocyte Primary Cultures. Cellular and Molecular Neurobiology, 2020, 40, 123-139.	1.7	25
31	Incorporation of Achyrocline satureioides (Lam.) DC extracts into topical nanoemulsions obtained by means of spontaneous emulsification procedure. Industrial Crops and Products, 2014, 62, 421-429.	2.5	24
32	Validation of an HPLC-UV method for analysis of Kaempferol-loaded nanoemulsion and its application to in vitro and in vivo tests. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 831-837.	1.4	24
33	Inclusion Complexes of Î² and HPÎ²-Cyclodextrin with Î±, Î² Amyrin and In Vitro Anti-Inflammatory Activity. Biomolecules, 2019, 9, 241.	1.8	24
34	Complexation of rosmarinic acid with hydroxypropyl-Î²-cyclodextrin and methyl-Î²-cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. Journal of Molecular Structure, 2019, 1195, 582-590.	1.8	24
35	Ofloxacin/Î²-Cyclodextrin Complexation. Drug Development and Industrial Pharmacy, 2001, 27, 533-540.	0.9	23
36	Factorial design applied to the optimization of lipid composition of topical antiherpetic nanoemulsions containing isoflavone genistein. International Journal of Nanomedicine, 2014, 9, 4737.	3.3	23

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37	Antiherpes evaluation of soybean isoflavonoids. Archives of Virology, 2015, 160, 2335-2342.	0.9	23
38	Topical Delivery of Coumestrol from Lipid Nanoemulsions Thickened with Hydroxyethylcellulose for Antiherpes Treatment. AAPS PharmSciTech, 2018, 19, 192-200.	1.5	23
39	Carbamazepine/Î²CD/HPMC Solid Dispersions. II. Physical Characterization. Drug Development and Industrial Pharmacy, 2003, 29, 145-154.	0.9	22
40	Compatibility study of rosmarinic acid with excipients used in pharmaceutical solid dosage forms using thermal and non-thermal techniques. Saudi Pharmaceutical Journal, 2019, 27, 1138-1145.	1.2	21
41	An HPLC-UV method for the measurement of permeability of marker drugs in the Caco-2 cell assay. Brazilian Journal of Medical and Biological Research, 2011, 44, 531-537.	0.7	20
42	Preparation, Characterization, and In Vitro Intestinal Permeability Evaluation of Thalidomideâ€“Hydroxypropyl-Î²-Cyclodextrin Complexes. AAPS PharmSciTech, 2012, 13, 118-124.	1.5	20
43	Pharmacokinetic study of a carbamazepine nanoemulsion in beagle dogs. International Journal of Pharmaceutics, 2009, 378, 146-148.	2.6	19
44	In Vitro Evaluation of Mucosa Permeation/Retention and Antiherpes Activity of Genistein from Cationic Nanoemulsions. Journal of Nanoscience and Nanotechnology, 2016, 16, 1282-1290.	0.9	19
45	Healing activity of hydrogel containing nanoemulsified Î²-caryophyllene. European Journal of Pharmaceutical Sciences, 2020, 148, 105318.	1.9	19
46	Association of 3-O-methylquercetin with Î²-cyclodextrin: complex preparation, characterization and exÂvivo skin permeation studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 149-159.	1.6	17
47	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 233-241.	1.2	17
48	Improvement of genistein content in solid genistein/-cyclodextrin complexes Î². Quimica Nova, 2010, 33, 587-590.	0.3	15
49	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. Journal of Chromatography A, 2018, 1564, 163-175.	1.8	15
50	Development, physico-chemical characterization and in-vitro studies of hydrogels containing rosmarinic acid-loaded nanoemulsion for topical application. Journal of Pharmacy and Pharmacology, 2019, 71, 1199-1208.	1.2	15
51	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. Neurochemistry International, 2020, 141, 104875.	1.9	15
52	Carbamazepine/Î²CD/HPMC Solid Dispersions. I. Influence of the Spray-Drying Process and Î²CD/HPMC on the Drug Dissolution Profile. Drug Development and Industrial Pharmacy, 2003, 29, 139-144.	0.9	14
53	Preliminary Study on the Development of Nanoemulsions for Carbamazepine Intravenous Delivery: An Investigation of Drug Polymorphic Transition. Drug Development and Industrial Pharmacy, 2008, 34, 53-58.	0.9	14
54	Achyrocline satureioides (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. Pharmaceutics, 2021, 13, 1241.	2.0	14

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55	Determination of Carbamazepine in Parenteral Nanoemulsions: Development and Validation of an HPLC Method. Chromatographia, 2007, 66, 427-430.	0.7	13
56	VPA/PLGA microfibers produced by coaxial electrospinning for the treatment of central nervous system injury. Brazilian Journal of Medical and Biological Research, 2020, 53, e8993.	0.7	12
57	ObtenÃ§Ã£o de espumas flexÃveis de poliuretano com celulose de Pinus elliottii. Polimeros, 2017, 27, 27-34.	0.2	10
58	Recent Patents on Permeation Enhancers for Drug Delivery Through Nails. Recent Patents on Drug Delivery and Formulation, 2020, 13, 203-218.	2.1	10
59	Studies on the anchorage of ATP diphosphohydrolase in synaptic plasma membranes from rat brain. International Journal of Biochemistry and Cell Biology, 1998, 30, 669-678.	1.2	9
60	Pentyl Gallate Nanoemulsions as Potential Topical Treatment of Herpes Labialis. Journal of Pharmaceutical Sciences, 2016, 105, 2194-2203.	1.6	9
61	Nanoemulsification Potentiates In Vivo Antiedematogenic Effect of Copaiba Oil. Journal of Biomedical Nanotechnology, 2017, 13, 583-590.	0.5	9
62	Aniba canelilla (Kunth) Mez essential oil-loaded nanoemulsion: Improved stability of the main constituents and in vitro antichemotactic activity. Industrial Crops and Products, 2021, 171, 113949.	2.5	9
63	Technological strategies applied for rosmarinic acid delivery through different routes â€“ A review. Journal of Drug Delivery Science and Technology, 2022, 68, 103054.	1.4	9
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 LCâ€“MS. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 652-656.	1.4	8
65	Development and physicochemical characterization of saquinavir mesylate solid dispersions using Gelucire 44/14 or PEG 4000 as carrier. Archives of Pharmacal Research, 2013, 36, 1113-1125.	2.7	8
66	Nanoemulsion-Loaded Hydrogels for Topical Administration of Pentyl Gallate. AAPS PharmSciTech, 2018, 19, 2672-2678.	1.5	8
67	Monoolein-based nanoparticles containing indinavir: a taste-masked drug delivery system. Drug Development and Industrial Pharmacy, 2021, 47, 83-91.	0.9	8
68	Dissolving Microneedles Developed in Association with Nanosystems: A Scoping Review on the Quality Parameters of These Emerging Systems for Drug or Protein Transdermal Delivery. Pharmaceutics, 2021, 13, 1601.	2.0	8
69	Solid dispersions enhance solubility, dissolution, and permeability of thalidomide. Drug Development and Industrial Pharmacy, 2017, 43, 511-518.	0.9	7
70	Validation of an LC Method to Determine Skin Retention Profile of Genistein from Nanoemulsions Incorporated in Hydrogels. Journal of Chromatographic Science, 2012, 50, 114-118.	0.7	6
71	A New Simplified and Stability Indicating Liquid Chromatography Method for Routine Analysis of Isoflavones Aglycones in Different Complex Matrices. Food Analytical Methods, 2014, 7, 1881-1890.	1.3	6
72	Improved skin delivery and validation of novel stability-indicating HPLC method for ketoprofen nanoemulsion. Arabian Journal of Chemistry, 2020, 13, 4505-4511.	2.3	6

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73	Oral saquinavir mesylate solid dispersions: In vitro dissolution, Caco-2 cell model permeability and in vivo absorption studies. Powder Technology, 2015, 269, 200-206.	2.1	5
74	Flavonoid delivery by solid dispersion: a systematic review. Phytochemistry Reviews, 2022, 21, 783-808.	3.1	5
75	Pharmacokinetics of Saquinavir Mesylate from Oral Self-Emulsifying Lipid-Based Delivery Systems. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 135-141.	0.6	4
76	A stabilityâ€indicating ultraâ€fast liquid chromatography method for the assay of the main flavonoids of Achyrocline satureioides (Marcela) in porcine skin layers and nanoemulsions. Phytochemical Analysis, 2020, 31, 905-914.	1.2	4
77	Nanoemulsions containing a synthetic chalcone: Photodegradation, in vitro release, and interaction studies. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 328, 42-49.	2.0	3
78	Investigation of the compatibility between kaempferol and excipients by thermal, spectroscopic and chemometric methods. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1249-1260.	2.0	3
79	Tobacco stalk lignocellulosic nanofibers characterization for pharmaceutical applications. Research, Society and Development, 2021, 10, e522101422261.	0.0	2
80	Sensitive ultra-fast liquid chromatography method for rosmarinic acid determination in Wistar ratâ€™s plasma and brain. Drug Analytical Research, 2019, 3, 2-6.	0.2	1
81	The challenge of flavonoid/cyclodextrin complexation in a complex matrix of the quercetin, luteolin, and 3-O-methylquercetin. Pharmaceutical Development and Technology, 2022, 27, 625-634.	1.1	1
82	Development and validation of a dissolution test for primaquine/polyethylene oxide matrix tablets. Quimica Nova, 2013, 36, 407-412.	0.3	0
83	Formulating Bioactive Terpenes. Biomolecules, 2021, 11, 1745.	1.8	0