Elenara Lemos-Senna

List of Publications by Year
in descending order

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43 papers	1,311 citations	279701 23 h-index	345118 36 g-index
43 all docs	43 docs citations	43 times ranked	2377 citing authors

#	Article	IF	Citations
1	Anti-inflammatory effect of quercetin-loaded microemulsion in the airways allergic inflammatory model in mice. Pharmacological Research, 2010, 61, 288-297.	3.1	153
2	Elaboration of chitosan-coated nanoparticles loaded with curcumin for mucoadhesive applications. Journal of Colloid and Interface Science, 2012, 370, 58-66.	5.0	145
3	Mucoadhesive Films Containing Chitosanâ€Coated Nanoparticles: A New Strategy for Buccal Curcumin Release. Journal of Pharmaceutical Sciences, 2014, 103, 3764-3771.	1.6	81
4	Polyurethane nanoparticles from a natural polyol via miniemulsion technique. Polymer, 2006, 47, 8080-8087.	1.8	74
5	Curcumin-Loaded Chitosan-Coated Nanoparticles as a New Approach for the Local Treatment of Oral Cavity Cancer. Journal of Nanoscience and Nanotechnology, 2015, 15, 781-791.	0.9	67
6	Nanoparticles Made From Xyloglucan-Block-Polycaprolactone Copolymers: Safety Assessment for Drug Delivery. Toxicological Sciences, 2015, 147, 104-115.	1.4	61
7	Photoprotection by Punica granatum seed oil nanoemulsion entrapping polyphenol-rich ethyl acetate fraction against UVB-induced DNA damage in human keratinocyte (HaCaT) cell line. Journal of Photochemistry and Photobiology B: Biology, 2015, 153, 127-136.	1.7	57
8	Evaluation of the Hydrophobic Drug Loading Characteristics in Nanoprecipitated Amphiphilic Cyclodextrin Nanospheres. Pharmaceutical Development and Technology, 1998, 3, 85-94.	1.1	41
9	Preparation and characterization of ibuprofen-loaded microspheres consisting of poly(3-hydroxybutyrate) and methoxy poly (ethylene glycol)-b-poly (D,L-lactide) blends or poly(3-hydroxybutyrate) and gelatin composites for controlled drug release. Materials Science and Engineering C, 2009, 29, 588-593.	3.8	39
10	On the Mucoadhesive Properties of Chitosan-Coated Polycaprolactone Nanoparticles Loaded with Curcumin Using Quartz Crystal Microbalance with Dissipation Monitoring. Journal of Biomedical Nanotechnology, 2014, 10, 787-794.	0.5	39
11	Curcumin-Loaded Lipid and Polymeric Nanocapsules Stabilized by Nonionic Surfactants: An <I>In</I> <I>Vitro</I> and <I>In Vivo</I> Antitumor Activity on B16-F10 Melanoma and Macrophage Uptake Comparative Study. Journal of Biomedical Nanotechnology, 2011, 7, 406-414.	0.5	38
12	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534.	1.6	36
13	Nanoencapsulation of Quercetin via Miniemulsion Polymerization. Journal of Biomedical Nanotechnology, 2010, 6, 181-186.	0.5	34
14	Fluorescence properties of curcumin-loaded nanoparticles for cell tracking. International Journal of Nanomedicine, 2018, Volume 13, 5823-5836.	3.3	34
15	Xyloglucanâ€blockâ€Poly(Ïµâ€Caprolactone) Copolymer Nanoparticles Coated with Chitosan as Biocompatible Mucoadhesive Drug Delivery System. Macromolecular Bioscience, 2014, 14, 709-719.	2.1	31
16	Protection against oxidative damage in human erythrocytes and preliminary photosafety assessment of Punica granatum seed oil nanoemulsions entrapping polyphenol-rich ethyl acetate fraction. Toxicology in Vitro, 2015, 30, 421-428.	1.1	31
17	Preparation and characterization of quercetin-loaded solid lipid microparticles for pulmonary delivery. Powder Technology, 2013, 239, 183-192.	2.1	30
18	The role of surfactant in the miniemulsion polymerization of biodegradable polyurethane nanoparticles. Materials Science and Engineering C, 2008, 28, 526-531.	3.8	29

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19	Stability of oil-in-water emulsions produced by membrane emulsification with microporous ceramic membranes. Journal of Food Engineering, 2017, 195, 73-84.	2.7	28
20	Potential Application of Nanoemulsions for Skin Delivery of Pomegranate Peel Polyphenols. AAPS PharmSciTech, 2017, 18, 3307-3314.	1.5	27
21	Poly(ethylene glycol) Hydroxystearate-Based Nanosized Emulsions: Effect of Surfactant Concentration on Their Formation and Ability to Solubilize Quercetin. Journal of Biomedical Nanotechnology, 2012, 8, 202-210.	0.5	26
22	PreparaÃ§Ã£o e caracterizaÃ§Ã£o de suspensÃµes coloidais de nanocarreadores lipÃdicos contendo resveratrol destinados Ã administraÃ§Ã£o cutÃ¢nea. Quimica Nova, 2011, 34, 408-413.	0.3	25
23	Amphiphilic cyclodextrin nanospheres: particle solubilization and reconstitution by the action of a non-ionic detergent. Colloids and Surfaces B: Biointerfaces, 1998, 10, 291-301.	2.5	24
24	Development and validation of a fluorimetric method to determine curcumin in lipid and polymeric nanocapsule suspensions. Brazilian Journal of Pharmaceutical Sciences, 2010, 46, 219-226.	1.2	23
25	Oral Delivery of a High Quercetin Payload Nanosized Emulsion: In Vitro and In Vivo Activity Against B16-F10 Melanoma. Journal of Nanoscience and Nanotechnology, 2016, 16, 1275-1281.	0.9	19
26	Use of Natural Monomer in the Synthesis of Nano- and Microparticles of Polyurethane by Suspension-Polyaddition Technique. Macromolecular Symposia, 2005, 229, 234-245.	0.4	17
27	Stealth and non-stealth nanocapsules containing camptothecin: in-vitro and in-vivo activity on B16-F10 melanoma. Journal of Pharmacy and Pharmacology, 2010, 59, 1359-1364.	1.2	17
28	Preparation and characterization of Haematococcus pluvialis carotenoid-loaded PLGA nanocapsules in a gel system with antioxidant properties for topical application. Journal of Drug Delivery Science and Technology, 2021, 61, 102099.	1.4	16
29	Self-Nanoemulsified Drug Delivery System of Hydrochlorothiazide for Increasing Dissolution Rate and Diuretic Activity. AAPS PharmSciTech, 2017, 18, 2494-2504.	1.5	14
30	Physicochemical and morphological characterizations of glyceryl tristearate/castor oil nanocarriers prepared by the solvent diffusion method. Journal of the Brazilian Chemical Society, 2012, 23, 1972-1981.	0.6	10
31	Pomegranate Seed Oil Nanoemulsions Encapsulating Pomegranate Peel Polyphenol-Rich Ethyl Acetate Fraction: Development and Antioxidant Assessment. Journal of Nanopharmaceutics and Drug Delivery, 2014, 2, 333-343.	0.3	10
32	Antinociceptive and anti-inflammatory activities of the Jatropha isabellei dichloromethane fraction and isolation and quantitative determination of jatrophone by UFLC-DAD. Pharmaceutical Biology, 2017, 55, 1215-1222.	1.3	7
33	Evaluation of DNA damage and cytotoxicity of polyurethane-based nano- and microparticles as promising biomaterials for drug delivery systems. Journal of Nanoparticle Research, 2010, 12, 1655-1665.	0.8	6
34	Development of low density azithromycin-loaded polycaprolactone microparticles for pulmonary delivery. Drug Development and Industrial Pharmacy, 2016, 42, 776-787.	0.9	5
35	7-nitroindazol-loaded nanoemulsions: Preparation, characterization and its improved inhibitory effect on nitric oxide synthase-1. Nitric Oxide - Biology and Chemistry, 2018, 76, 129-135.	1.2	5
36	ObtenÃ§Ã£o de extratos secos de carotenoides a partir da biomassa da microalga Haematococcus pluvialis por secagem em torre de aspersÃ£o (spray-drying). Revista Materia, 2018, 23, .	0.1	3

#	Article	IF	Citations
37	The nanotechnological approach for nasal delivery of peptide drugs: a comprehensive review. Journal of Microencapsulation, 2022, , 1-20.	1.2	3
38	A modified premix method for the emulsification of spearmint essential oil (Mentha spicata) by ceramic membranes. Surfaces and Interfaces, 2021, 26, 101328.	1.5	2
39	Application of a New Validated HPLC-PDA Method for Simultaneous Determination of Curcumin and Melatonin in Hyaluronic Acid-Coated Nanoemulsions. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
40	Dextran Sulfate/Pramlintide Polyelectrolyte Nanoparticles as a Promising Delivery System: Optimization, Evaluation of Supramolecular Interactions and Effect on Conformational Stability of the Peptide Drug. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
41	Development and in vivo evaluation of lipid-based nanocarriers containing Jatropha isabellei dry extract from the dichloromethane fraction intended for oral treatment of arthritic diseases. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	1
42	<I>A Special Section on</I> Pharmaceutical Nanotechnology: Development of Innovative Formulations and Their Biological Evaluation. Journal of Nanoscience and Nanotechnology, 2015, 15, 759-760.	0.9	0
43	A Special Section on Pharmaceutical Nanotechnology: Development of Soft Nanoparticles and Their Biological Evaluations. Journal of Nanoscience and Nanotechnology, 2016, 16, 1235-1237.	0.9	0