Florence Agnely

List of Publications by Year
in descending order

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46 papers	3,782 citations	185998 28 h-index	214527 47 g-index
47 all docs	47 docs citations	47 times ranked	5302 citing authors

#	Article	IF	Citations
1	Nanoemulsion stabilized by Î²-lactoglobulin: A promising strategy to encapsulate curcumin for topical delivery. Materials Today: Proceedings, 2022, 53, 168-173.	0.9	4
2	Nanocarriers for drug delivery to the inner ear: Physicochemical key parameters, biodistribution, safety and efficacy. International Journal of Pharmaceutics, 2021, 592, 120038.	2.6	21
3	Extracellular Vesicles and Biomaterial Design: New Therapies for Cardiac Repair. Trends in Molecular Medicine, 2021, 27, 231-247.	3.5	31
4	Transtympanic injection of a liposomal gel loaded with N-acetyl-L-cysteine: A relevant strategy to prevent damage induced by cochlear implantation in guinea pigs?. International Journal of Pharmaceutics, 2021, 604, 120757.	2.6	11
5	Characterization and in vitro evaluation of a vaginal gel containing Lactobacillus crispatus for the prevention of gonorrhea. International Journal of Pharmaceutics, 2020, 588, 119733.	2.6	8
6	Pickering emulsions: Preparation processes, key parameters governing their properties and potential for pharmaceutical applications. Journal of Controlled Release, 2019, 309, 302-332.	4.8	250
7	Assessment of the efficacy of a local steroid rescue treatment administered 2Âdays after a moderate noise-induced trauma in guinea pig. Acta Oto-Laryngologica, 2018, 138, 610-616.	0.3	8
8	Effect of high pressure homogenization on the structure and the interfacial and emulsifying properties of Î²-lactoglobulin. International Journal of Pharmaceutics, 2018, 537, 111-121.	2.6	23
9	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. Langmuir, 2018, 34, 13935-13945.	1.6	34
10	Mixtures of hyaluronic acid and liposomes for drug delivery: Phase behavior, microstructure and mobility of liposomes. International Journal of Pharmaceutics, 2017, 523, 246-259.	2.6	29
11	Obtaining nonspherical poly(alkylcyanoacrylate) nanoparticles by the stretching method applied with a marketed water-soluble film. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 416-424.	1.8	11
12	Effect of a liposomal hyaluronic acid gel loaded with dexamethasone in a guinea pig model after manual or motorized cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2017, 274, 729-736.	0.8	18
13	Î²-lactoglobulin stabilized nanemulsionsâ€"Formulation and process factors affecting droplet size and nanoemulsion stability. International Journal of Pharmaceutics, 2016, 500, 291-304.	2.6	50
14	Hyaluronic acid liposomal gel sustains delivery of a corticoid to the inner ear. Journal of Controlled Release, 2016, 226, 248-257.	4.8	68
15	Recent advances in local drug delivery to the inner ear. International Journal of Pharmaceutics, 2015, 494, 83-101.	2.6	124
16	Effect of liposomes on rheological and syringeability properties of hyaluronic acid hydrogels intended for local injection of drugs. International Journal of Pharmaceutics, 2015, 487, 187-196.	2.6	74
17	Degradation of hydrolyzable hydrogel microspheres. Soft Matter, 2013, 9, 1929-1936.	1.2	8
18	Î²-Lactoglobulin, gum arabic, and xanthan gum for emulsifying sweet almond oil: Formulation and stabilization mechanisms of pharmaceutical emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 433, 77-87.	2.3	53

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19	Rheological characterization of mechanical properties of chemically crosslinked microspheres. Journal of Applied Polymer Science, 2013, 128, 3113-3121.	1.3	4
20	Proteins, polysaccharides, and their complexes used as stabilizers for emulsions: Alternatives to synthetic surfactants in the pharmaceutical field?. International Journal of Pharmaceutics, 2012, 436, 359-378.	2.6	418
21	Aging of a medical device surface following cold plasma treatment: Influence of low molecular weight compounds on surface recovery. European Polymer Journal, 2011, 47, 2403-2413.	2.6	18
22	Stabilization mechanism of oil-in-water emulsions by Î²-lactoglobulin and gum arabic. Journal of Colloid and Interface Science, 2011, 354, 467-477.	5.0	117
23	What can isothermal titration microcalorimetry experiments tell us about the selfâ€organization of surfactants into micelles?. Journal of Molecular Recognition, 2010, 23, 335-342.	1.1	57
24	A Multiscale Approach to Assess the Complex Surface of Polyurethane Catheters and the Effects of a New Plasma Decontamination Treatment on the Surface Properties. Microscopy and Microanalysis, 2010, 16, 764-778.	0.2	17
25	Structural and rheological properties of chitosan semi-interpenetrated networks. European Physical Journal E, 2010, 32, 109-118.	0.7	14
26	A comparison of plasma and electron beam-sterilization of PU catheters. Radiation Physics and Chemistry, 2010, 79, 93-103.	1.4	40
27	Formulation of mucoadhesive vaginal hydrogels insensitive to dilution with vaginal fluids. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 296-303.	2.0	102
28	Rheological and syringeability properties of highly concentrated human polyclonal immunoglobulin solutions. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 351-356.	2.0	120
29	New formulation of vasoactive intestinal peptide using liposomes in hyaluronic acid gel for uveitis. Journal of Controlled Release, 2009, 139, 22-30.	4.8	63
30	Influence of electron beam sterilization on polymers when incubated in different media. Journal of Applied Polymer Science, 2009, 111, 3113-3120.	1.3	6
31	A concise analysis of the effect of temperature and propanediol-1, 2 on Pluronic F127 micellization using isothermal titration microcalorimetry. Journal of Colloid and Interface Science, 2009, 338, 169-176.	5.0	73
32	In vitro and in vivo characteristics of a thermogelling and bioadhesive delivery system intended for rectal administration of quinine in children. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 167-175.	2.0	37
33	Self-Diffusion in Chitosan Networks: From a Gelâ"Gel Method to Fluorescence Recovery after Photobleaching by Fringe Pattern. Macromolecules, 2008, 41, 9376-9381.	2.2	24
34	Cross-linking of chitosan and chitosan/poly(ethylene oxide) beads: A theoretical treatment. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 339-348.	2.0	51
35	Interactions between Poloxamers in Aqueous Solutions:Â Micellization and Gelation Studied by Differential Scanning Calorimetry, Small Angle X-ray Scattering, and Rheology. Langmuir, 2007, 23, 5085-5092.	1.6	68
36	A Review of Poloxamer 407 Pharmaceutical and Pharmacological Characteristics. Pharmaceutical Research, 2006, 23, 2709-2728.	1.7	970

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37	Modulation of the rheological and mucoadhesive properties of thermosensitive poloxamer-based hydrogels intended for the rectal administration of quinine. European Journal of Pharmaceutical Sciences, 2006, 27, 328-335.	1.9	103
38	Preparation and characterization of chitosan based micro networks: Transposition to a prilling process. Journal of Applied Polymer Science, 2004, 93, 2550-2558.	1.3	11
39	Water state characterization, swelling behavior, thermal and mechanical properties of chitosan based networks. European Journal of Pharmaceutical Sciences, 2002, 15, 425-432.	1.9	145
40	Hydrophobically Modified Sodium Polyacrylates in Aqueous Solutions:Â Association Mechanism and Characterization of the Aggregates by Fluorescence Probing. Langmuir, 2000, 16, 9921-9927.	1.6	83
41	Controlled release of vancomycin from Poloxamer 407 gels. International Journal of Pharmaceutics, 1999, 192, 183-193.	2.6	164
42	Aggregation Mechanism of Amphiphilic Associating Polymers Studied by 19F and 13C Nuclear Magnetic Resonance. Journal of Physical Chemistry B, 1999, 103, 4803-4808.	1.2	51
43	Aggregation of associating polymers studied by 19F n.m.r.. Polymer, 1998, 39, 751-753.	1.8	29
44	Associating Polyelectrolytes with Perfluoroalkyl Side Chains:â€‰ Aggregation in Aqueous Solution, Association with Surfactants, and Comparison with Hydrogenated Analogues. Langmuir, 1997, 13, 4229-4233.	1.6	95
45	Polymer modified colloidal dispersions. Colloid and Polymer Science, 1995, 273, 279-287.	1.0	10
46	Interactions of hydrophobically modified poly(sodium acrylate) with globular proteins. Colloid and Polymer Science, 1995, 273, 777-781.	1.0	47