

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	A Review of Poloxamer 407 Pharmaceutical and Pharmacological Characteristics. <i>Pharmaceutical Research</i> , 2006, 23, 2709-2728.	1.7	970
2	Proteins, polysaccharides, and their complexes used as stabilizers for emulsions: Alternatives to synthetic surfactants in the pharmaceutical field?. <i>International Journal of Pharmaceutics</i> , 2012, 436, 359-378.	2.6	418
3	Pickering emulsions: Preparation processes, key parameters governing their properties and potential for pharmaceutical applications. <i>Journal of Controlled Release</i> , 2019, 309, 302-332.	4.8	250
4	Controlled release of vancomycin from Poloxamer 407 gels. <i>International Journal of Pharmaceutics</i> , 1999, 192, 183-193.	2.6	164
5	Water state characterization, swelling behavior, thermal and mechanical properties of chitosan based networks. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 15, 425-432.	1.9	145
6	Recent advances in local drug delivery to the inner ear. <i>International Journal of Pharmaceutics</i> , 2015, 494, 83-101.	2.6	124
7	Rheological and syringeability properties of highly concentrated human polyclonal immunoglobulin solutions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 351-356.	2.0	120
8	Stabilization mechanism of oil-in-water emulsions by \hat{I}^2 -lactoglobulin and gum arabic. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 467-477.	5.0	117
9	Modulation of the rheological and mucoadhesive properties of thermosensitive poloxamer-based hydrogels intended for the rectal administration of quinine. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 27, 328-335.	1.9	103
10	Formulation of mucoadhesive vaginal hydrogels insensitive to dilution with vaginal fluids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 296-303.	2.0	102
11	Associating Polyelectrolytes with Perfluoroalkyl Side Chains: Aggregation in Aqueous Solution, Association with Surfactants, and Comparison with Hydrogenated Analogues. <i>Langmuir</i> , 1997, 13, 4229-4233.	1.6	95
12	Hydrophobically Modified Sodium Polyacrylates in Aqueous Solutions: Association Mechanism and Characterization of the Aggregates by Fluorescence Probing. <i>Langmuir</i> , 2000, 16, 9921-9927.	1.6	83
13	Effect of liposomes on rheological and syringeability properties of hyaluronic acid hydrogels intended for local injection of drugs. <i>International Journal of Pharmaceutics</i> , 2015, 487, 187-196.	2.6	74
14	A concise analysis of the effect of temperature and propanediol-1, 2 on Pluronic F127 micellization using isothermal titration microcalorimetry. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 169-176.	5.0	73
15	Interactions between Poloxamers in Aqueous Solutions: Micellization and Gelation Studied by Differential Scanning Calorimetry, Small Angle X-ray Scattering, and Rheology. <i>Langmuir</i> , 2007, 23, 5085-5092.	1.6	68
16	Hyaluronic acid liposomal gel sustains delivery of a corticoid to the inner ear. <i>Journal of Controlled Release</i> , 2016, 226, 248-257.	4.8	68
17	New formulation of vasoactive intestinal peptide using liposomes in hyaluronic acid gel for uveitis. <i>Journal of Controlled Release</i> , 2009, 139, 22-30.	4.8	63
18	What can isothermal titration microcalorimetry experiments tell us about the self-organization of surfactants into micelles?. <i>Journal of Molecular Recognition</i> , 2010, 23, 335-342.	1.1	57

#	ARTICLE	IF	CITATIONS
19	\hat{I}^2 -Lactoglobulin, gum arabic, and xanthan gum for emulsifying sweet almond oil: Formulation and stabilization mechanisms of pharmaceutical emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 433, 77-87.	2.3	53
20	Aggregation Mechanism of Amphiphilic Associating Polymers Studied by ^{19}F and ^{13}C Nuclear Magnetic Resonance. <i>Journal of Physical Chemistry B</i> , 1999, 103, 4803-4808.	1.2	51
21	Cross-linking of chitosan and chitosan/poly(ethylene oxide) beads: A theoretical treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 339-348.	2.0	51
22	\hat{I}^2 -lactoglobulin stabilized nanemulsions – Formulation and process factors affecting droplet size and nanoemulsion stability. <i>International Journal of Pharmaceutics</i> , 2016, 500, 291-304.	2.6	50
23	Interactions of hydrophobically modified poly(sodium acrylate) with globular proteins. <i>Colloid and Polymer Science</i> , 1995, 273, 777-781.	1.0	47
24	A comparison of plasma and electron beam-sterilization of PU catheters. <i>Radiation Physics and Chemistry</i> , 2010, 79, 93-103.	1.4	40
25	In vitro and in vivo characteristics of a thermogelling and bioadhesive delivery system intended for rectal administration of quinine in children. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 167-175.	2.0	37
26	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. <i>Langmuir</i> , 2018, 34, 13935-13945.	1.6	34
27	Extracellular Vesicles and Biomaterial Design: New Therapies for Cardiac Repair. <i>Trends in Molecular Medicine</i> , 2021, 27, 231-247.	3.5	31
28	Aggregation of associating polymers studied by ^{19}F n.m.r.. <i>Polymer</i> , 1998, 39, 751-753.	1.8	29
29	Mixtures of hyaluronic acid and liposomes for drug delivery: Phase behavior, microstructure and mobility of liposomes. <i>International Journal of Pharmaceutics</i> , 2017, 523, 246-259.	2.6	29
30	Self-Diffusion in Chitosan Networks: From a Gel – Gel Method to Fluorescence Recovery after Photobleaching by Fringe Pattern. <i>Macromolecules</i> , 2008, 41, 9376-9381.	2.2	24
31	Effect of high pressure homogenization on the structure and the interfacial and emulsifying properties of \hat{I}^2 -lactoglobulin. <i>International Journal of Pharmaceutics</i> , 2018, 537, 111-121.	2.6	23
32	Nanocarriers for drug delivery to the inner ear: Physicochemical key parameters, biodistribution, safety and efficacy. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120038.	2.6	21
33	Aging of a medical device surface following cold plasma treatment: Influence of low molecular weight compounds on surface recovery. <i>European Polymer Journal</i> , 2011, 47, 2403-2413.	2.6	18
34	Effect of a liposomal hyaluronic acid gel loaded with dexamethasone in a guinea pig model after manual or motorized cochlear implantation. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 729-736.	0.8	18
35	A Multiscale Approach to Assess the Complex Surface of Polyurethane Catheters and the Effects of a New Plasma Decontamination Treatment on the Surface Properties. <i>Microscopy and Microanalysis</i> , 2010, 16, 764-778.	0.2	17
36	Structural and rheological properties of chitosan semi-interpenetrated networks. <i>European Physical Journal E</i> , 2010, 32, 109-118.	0.7	14

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37	Preparation and characterization of chitosan based micro networks: Transposition to a prilling process. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2550-2558.	1.3	11
38	Obtaining nonspherical poly(alkylcyanoacrylate) nanoparticles by the stretching method applied with a marketed water-soluble film. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 416-424.	1.8	11
39	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?. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120757.	2.6	11
40	Polymer modified colloidal dispersions. <i>Colloid and Polymer Science</i> , 1995, 273, 279-287.	1.0	10
41	Degradation of hydrolyzable hydrogel microspheres. <i>Soft Matter</i> , 2013, 9, 1929-1936.	1.2	8
42	Assessment of the efficacy of a local steroid rescue treatment administered 2 days after a moderate noise-induced trauma in guinea pig. <i>Acta Oto-Laryngologica</i> , 2018, 138, 610-616.	0.3	8
43	Characterization and in vitro evaluation of a vaginal gel containing <i>Lactobacillus crispatus</i> for the prevention of gonorrhoea. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119733.	2.6	8
44	Influence of electron beam sterilization on polymers when incubated in different media. <i>Journal of Applied Polymer Science</i> , 2009, 111, 3113-3120.	1.3	6
45	Rheological characterization of mechanical properties of chemically crosslinked microspheres. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3113-3121.	1.3	4
46	Nanoemulsion stabilized by β -lactoglobulin: A promising strategy to encapsulate curcumin for topical delivery. <i>Materials Today: Proceedings</i> , 2022, 53, 168-173.	0.9	4