

Hatem Fessi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169
papers

8,528
citations

48
h-index

87
g-index

173
ext. papers

9,448
ext. citations

5.2
avg, IF

6.16
L-index

#	Paper	IF	Citations
169	Plant oils: From chemical composition to encapsulated form use. <i>International Journal of Pharmaceutics</i> , 2021 , 601, 120538	6.5	14
168	Nanocapsules containing Saussurea lappa essential oil: Formulation, characterization, antidiabetic, anti-cholinesterase and anti-inflammatory potentials. <i>International Journal of Pharmaceutics</i> , 2021 , 593, 120138	6.5	12
167	Solid lipid nanocarriers diffuse effectively through mucus and enter intestinal cells - but where is my peptide?. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119581	6.5	4
166	Human serum albumin nanoparticles as nanovector carriers for proteins: Application to the antibacterial proteins "neutrophil elastase" and "secretory leukocyte protease inhibitor". <i>International Journal of Pharmaceutics</i> , 2020 , 579, 119150	6.5	11
165	Iodinated polymer nanoparticles as contrast agent for spectral photon counting computed tomography. <i>Biomaterials Science</i> , 2020 , 8, 5715-5728	7.4	7
164	Structured Magnetic Core/Silica Internal Shell Layer and Protein Out Layer Shell (BSA@SiO ₂ @SME): Preparation and Characterization. <i>Chemistry Africa</i> , 2020 , 3, 127-134	2.2	8
163	Edible Polymers for Essential Oils Encapsulation: Application in Food Preservation. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 20932-20945	3.9	36
162	In-vitro evaluation of solid lipid nanoparticles: Ability to encapsulate, release and ensure effective protection of peptides in the gastrointestinal tract. <i>International Journal of Pharmaceutics</i> , 2019 , 565, 409-418	6.5	21
161	Comparison of Three Processes for Parenteral Nanoemulsion Production: Ultrasounds, Microfluidizer, and Premix Membrane Emulsification. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2708-2717 ¹⁶	3.9	16
160	Poly(p-phenylenediamine)-coated magnetic particles: Preparation and electrochemical properties. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 2017-2025	3.2	1
159	A proof-of-concept for developing oral lipidized peptide Nanostructured Lipid Carrier formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101394	4.5	6
158	Influence of viscosity for oil-in-water and water-in-oil nanoemulsions production by SPG premix membrane emulsification. <i>Chemical Engineering Research and Design</i> , 2019 , 142, 87-99	5.5	18
157	Lipid-based nanosuspensions for oral delivery of peptides, a critical review. <i>International Journal of Pharmaceutics</i> , 2018 , 541, 117-135	6.5	48
156	Submicron silica shell magnetic core preparation and characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 537, 318-324	5.1	10
155	Preparation of oil-in-water nanoemulsions at large-scale using premix membrane emulsification and Shirasu Porous Glass (SPG) membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 557, 76-84	5.1	37
154	Polymeric nanocapsules as drug carriers for sustained anticancer activity of calcitriol in breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2018 , 550, 170-179	6.5	24
153	Poly (ε-caprolactone) nanoparticles loaded with indomethacin and Nigella Sativa L. essential oil for the topical treatment of inflammation. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 46, 234-242	4.5	28

152	Elaboration of sponge-like biodegradable cationic particles via double-emulsion solvent evaporation. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 577-583	1.5	2
151	Amorphization of Atorvastatin Calcium by Mechanical Process: Characterization and Stabilization Within Polymeric Matrix. <i>Journal of Pharmaceutical Innovation</i> , 2017 , 12, 216-225	1.8	8
150	Polycaprolactone Based Nanoparticles Loaded with Indomethacin for Anti-Inflammatory Therapy: From Preparation to Ex Vivo Study. <i>Pharmaceutical Research</i> , 2017 , 34, 1773-1783	4.5	41
149	Orodispersible films based on amorphous solid dispersions of tetrabenazine. <i>International Journal of Pharmaceutics</i> , 2017 , 518, 242-252	6.5	17
148	Effect of process and formulation parameters on polycaprolactone nanoparticles prepared by solvent displacement. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 516, 238-244	5.1	38
147	Nanoprecipitation process: From encapsulation to drug delivery. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 66-81	6.5	248
146	Sponge like microparticles for drug delivery and cosme-to-textile use: Formulation and human skin penetration. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 623-634	6.5	4
145	Large-scale preparation of clove essential oil and eugenol-loaded liposomes using a membrane contactor and a pilot plant. <i>Journal of Liposome Research</i> , 2016 , 26, 126-38	6.1	20
144	Preparation and characterization of biodegradable polyhydroxybutyrate-co-hydroxyvalerate/polyethylene glycol-based microspheres. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 49-61	6.5	15
143	Encapsulation of NSAIDs for inflammation management: Overview, progress, challenges and prospects. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 757-773	6.5	60
142	Clove essential oil-in-cyclodextrin-in-liposomes in the aqueous and lyophilized states: From laboratory to large scale using a membrane contactor. <i>Carbohydrate Polymers</i> , 2016 , 138, 75-85	10.3	65
141	Microencapsulation of rifampicin for the prevention of endophthalmitis: In vitro release studies and antibacterial assessment. <i>International Journal of Pharmaceutics</i> , 2016 , 505, 262-70	6.5	2
140	Biodegradable microparticles preparation by double emulsification Solvent extraction method: A Systematic study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 492, 213-229	5.1	14
139	Submicron magnetic core conducting polypyrrole polymer shell: Preparation and characterization. <i>Materials Science and Engineering C</i> , 2016 , 61, 688-94	8.3	19
138	Elaboration of ammonio methacrylate copolymer based spongy cationic particles via double emulsion solvent evaporation process. <i>Materials Science and Engineering C</i> , 2016 , 61, 85-96	8.3	9
137	Preparation of gold nanoparticles and determination of their particles size via different methods. <i>Materials Research Bulletin</i> , 2016 , 79, 97-104	5.1	38
136	Elaboration of Submicron Particles for Biomedical Imaging and Drug Delivery: Specific Review. <i>Journal of Colloid Science and Biotechnology</i> , 2016 , 5, 16-31		2
135	Poly(hydroxybutyrate-co-hydroxyvalerate) Microspheres for the Encapsulation and Controlled Release of Heparin. <i>Journal of Colloid Science and Biotechnology</i> , 2016 , 5, 100-108		3

134	CoFe ₂ O ₄ and ZnFe ₂ O ₄ Nanoparticles: An Overview About Structure, Properties, Synthesis and Biomedical Applications. <i>Journal of Colloid Science and Biotechnology</i> , 2016 , 5, 45-54		15
133	Nanoparticle Preparation for Theranostic Applications. <i>Journal of Colloid Science and Biotechnology</i> , 2016 , 5, 69-80		2
132	Poly(ethylene glycol)-Based Hydrogels from Preparation Methods to Applications. <i>Journal of Colloid Science and Biotechnology</i> , 2016 , 5, 2-15		4
131	Electrokinetic properties of bare and particles containing textile. <i>Polymers for Advanced Technologies</i> , 2016 , 27, 1637-1641	3.2	1
130	Aminodextran polymer-functionalized reactive magnetic emulsions for potential theranostic applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 373-381	6	9
129	Freeze-drying of emulsified systems: A review. <i>International Journal of Pharmaceutics</i> , 2016 , 503, 102-146.5		77
128	Effect of composition, hydrogenation of phospholipids and lyophilization on the characteristics of eugenol-loaded liposomes prepared by ethanol injection method. <i>Food Bioscience</i> , 2016 , 15, 1-10	4.9	55
127	Plant extracts: from encapsulation to application. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 1165-75	8	44
126	Elaboration of sponge-like particles for textile functionalization and skin penetration. <i>Colloid and Polymer Science</i> , 2015 , 293, 2967-2977	2.4	6
125	Magnetic nanoparticles: In vivo cancer diagnosis and therapy. <i>International Journal of Pharmaceutics</i> , 2015 , 493, 313-27	6.5	129
124	The parameters influencing the morphology of poly(ϵ -caprolactone) microspheres and the resulting release of encapsulated drugs. <i>International Journal of Pharmaceutics</i> , 2015 , 494, 152-66	6.5	15
123	In vitro MRI of biodegradable hybrid (iron oxide/polycaprolactone) magnetic nanoparticles prepared via modified double emulsion evaporation mechanism. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 130, 264-71	6	12
122	La dispensation pharmaceutique des dispositifs médicaux en France : État des lieux de la réglementation applicable. <i>Medecine Et Droit</i> , 2015 , 2015, 115-132	0.2	1
121	Submicron polycaprolactone particles as a carrier for imaging contrast agent for in vitro applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 488-95	6	8
120	Development and characterization of oral liposomes of vegetal ceramide based amphotericin B having enhanced dry solubility and solubility. <i>Materials Science and Engineering C</i> , 2015 , 48, 145-9	8.3	17
119	Preparation of liposomes at large scale using the ethanol injection method: Effect of scale-up and injection devices. <i>Chemical Engineering Research and Design</i> , 2015 , 94, 508-515	5.5	80
118	TGA and magnetization measurements for determination of composition and polymer conversion of magnetic hybrid particles. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 1199-1208	3.2	21
117	Double emulsion solvent evaporation techniques used for drug encapsulation. <i>International Journal of Pharmaceutics</i> , 2015 , 496, 173-90	6.5	237

116	Preparation of biodegradable PCL particles via double emulsion evaporation method using ultrasound technique. <i>Colloid and Polymer Science</i> , 2015 , 293, 861-873	2.4	36
115	Preparation and characterization of clove essential oil-loaded liposomes. <i>Food Chemistry</i> , 2015 , 178, 52-62	8.5	156
114	NanoPickering: Pickering Nanoemulsions Stabilized by Bare Silica Nanoparticles. <i>Journal of Colloid Science and Biotechnology</i> , 2015 , 4, 110-116		3
113	Cyclodextrin containing biodegradable particles: from preparation to drug delivery applications. <i>International Journal of Pharmaceutics</i> , 2014 , 461, 351-66	6.5	67
112	Morphological and physicochemical characterization of liposomes loading cucurbitacin E, an anti-proliferative natural tetracyclic triterpene. <i>Chemistry and Physics of Lipids</i> , 2014 , 177, 64-70	3.7	15
111	Structural elucidation of two photolytic degradation products of tetrabenazine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 91, 138-43	3.5	6
110	Colloidal particles containing labeling agents and cyclodextrins for theranostic applications. <i>International Journal of Pharmaceutics</i> , 2014 , 472, 118-29	6.5	6
109	Optimisation of rosemary oil encapsulation in polycaprolactone and scale-up of the process. <i>Journal of Microencapsulation</i> , 2014 , 31, 746-53	3.4	26
108	Improving radiopharmaceutical supply chain safety by implementing bar code technology. <i>Nuclear Medicine Communications</i> , 2014 , 35, 1179-87	1.6	1
107	Encapsulation of a pressure sensitive adhesive by spray-cooling: Optimum formulation and processing conditions. <i>Advanced Powder Technology</i> , 2014 , 25, 292-300	4.6	8
106	Production of liposomes using microengineered membrane and co-flow microfluidic device. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 458, 168-177	5.1	35
105	Biodegradable Polymer Based Nanoparticles: Dermal and Transdermal Drug Delivery. <i>Journal of Colloid Science and Biotechnology</i> , 2014 , 3, 141-149		18
104	Poly(ethylene glycol)-poly(ε-caprolactone) iodinated nanocapsules as contrast agents for X-ray imaging. <i>Pharmaceutical Research</i> , 2013 , 30, 2023-35	4.5	19
103	Nano-encapsulation of vitamin D3 active metabolites for application in chemotherapy: formulation study and in vitro evaluation. <i>Pharmaceutical Research</i> , 2013 , 30, 1137-46	4.5	36
102	Essential oils encapsulated in liposomes: a review. <i>Journal of Liposome Research</i> , 2013 , 23, 268-75	6.1	114
101	pH-sensitive micelles for targeted drug delivery prepared using a novel membrane contactor method. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8939-47	9.5	34
100	Usefulness of controlled release of growth factors in investigating the early events of dentin-pulp regeneration. <i>Journal of Endodontics</i> , 2013 , 39, 228-35	4.7	67
99	Polymer encapsulation of inorganic nanoparticles for biomedical applications. <i>International Journal of Pharmaceutics</i> , 2013 , 458, 230-41	6.5	69

98	Influence of diblock copolymer PCL-mPEG and of various iodinated oils on the formulation by the emulsion-solvent diffusion process of radiopaque polymeric nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 4150-8	3.9	10
97	Iodinated nano-emulsions as contrast agents for preclinical X-ray imaging: Impact of the free surfactants on the pharmacokinetics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 83, 54-62	5.7	32
96	Aminodextran-coated potassium niobate (KNbO ₃) nanocrystals for second harmonic bio-imaging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 439, 131-137	5.1	13
95	New oil-in-water magnetic emulsion as contrast agent for in vivo magnetic resonance imaging (MRI). <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 1579-85	4	9
94	Reactive magnetic poly(divinylbenzene-co-glycidyl methacrylate) colloidal particles for specific antigen detection using microcontact printing technique. <i>Acta Biomaterialia</i> , 2013 , 9, 5573-82	10.8	26
93	Iodinated ßocopherol nano-emulsions as non-toxic contrast agents for preclinical X-ray imaging. <i>Biomaterials</i> , 2013 , 34, 481-91	15.6	73
92	The development, physicochemical characterisation and in vitro drug release studies of pectinate gel beads containing Thai mango seed kernel extract. <i>Molecules</i> , 2013 , 18, 6504-20	4.8	9
91	Development of a nanoparticle-based system for the delivery of retinoic acid into macrophages. <i>International Journal of Pharmaceutics</i> , 2012 , 430, 207-15	6.5	33
90	Silica-based nanoparticles for biomedical applications. <i>Drug Discovery Today</i> , 2012 , 17, 1147-54	8.8	210
89	Encapsulation of a pressure-sensitive adhesive by spray-drying: microparticles preparation and evaluation of their crushing strength. <i>Journal of Microencapsulation</i> , 2012 , 29, 185-93	3.4	2
88	SHG Active Fe(103)3 Particles: From Spherical Nanocrystals to Urchin-Like Microstructures through the Additive-Mediated Microemulsion Route. <i>Crystal Growth and Design</i> , 2012 , 12, 5387-5395	3.5	12
87	Nanocapsules prepared via nanoprecipitation and emulsification-diffusion methods: comparative study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 235-9	5.7	57
86	Lipid-based carriers: manufacturing and applications for pulmonary route. <i>Expert Opinion on Drug Delivery</i> , 2012 , 9, 1111-27	8	55
85	Redispersible lipid nanoparticles of Spironolactone obtained by three drying methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 413, 191-199	5.1	16
84	Theranostic applications of nanoparticles in cancer. <i>Drug Discovery Today</i> , 2012 , 17, 928-34	8.8	292
83	La dispensation pharmaceutique de médicaments en France. Partie I : État des lieux de la réglementation applicable. <i>Medecine Et Droit</i> , 2012 , 2012, 127-157	0.2	2
82	Polymer particle adsorption at textile/liquid interfaces: a simple approach for a new functionalization route. <i>Polymer International</i> , 2012 , 61, 1127-1135	3.3	7
81	Engineered nanoparticulate drug delivery systems: the next frontier for oral administration?. <i>AAPS Journal</i> , 2012 , 14, 688-702	3.7	45

80	Synthesis and characterization of thermally and glucose-sensitive poly N-vinylcaprolactam-Based microgels. <i>Journal of Biomedical Nanotechnology</i> , 2012 , 8, 709-19	4	19
79	Modified double emulsion process as a new route to prepare submicron biodegradable magnetic/polycaprolactone particles for in vivo theranostics. <i>Soft Matter</i> , 2012 , 8, 2554	3.6	48
78	Electrokinetic properties of bare or nanoparticle-functionalized textile fabrics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 397, 24-32	5.1	25
77	Liposome and niosome preparation using a membrane contactor for scale-up. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 94, 15-21	6	62
76	Nanoparticles via nanoprecipitation process. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012 , 6, 250-8	1.4	10
75	Thermally-Sensitive and Magnetic Poly(N-Vinylcaprolactam)-Based Nanogels by Inverse Miniemulsion Polymerization. <i>Journal of Colloid Science and Biotechnology</i> , 2012 , 1, 99-112		40
74	Elaboration of Argan Oil Nanocapsules Containing Naproxen for Cosmetic and Transdermal Local Application. <i>Journal of Colloid Science and Biotechnology</i> , 2012 , 1, 218-224		25
73	A new method for liposome preparation using a membrane contactor. <i>Journal of Liposome Research</i> , 2011 , 21, 213-20	6.1	77
72	Anisotropic magnetic microparticles from ferrofluid emulsion. <i>Soft Matter</i> , 2011 , 7, 1483-1490	3.6	52
71	Process induced transformations during tablet manufacturing: phase transition analysis of caffeine using DSC and low frequency micro-Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , 2011 , 420, 76-83	6.5	44
70	Positive contrast with therapeutic iron nanoparticles at 4.7 T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011 , 24, 259-65	2.8	1
69	Highly temperature responsive core-shell magnetic particles: synthesis, characterization and colloidal properties. <i>Journal of Colloid and Interface Science</i> , 2011 , 360, 556-64	9.3	50
68	Study of the effect of formulation parameters/variables to control the nanoencapsulation of hydrophilic drug via double emulsion technique. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 255-62	4	26
67	Beclomethasone-loaded lipidic nanocarriers for pulmonary drug delivery: preparation, characterization and in vitro drug release. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 1841-51 ¹⁻³		32
66	Preparation of Indomethacin-Loaded Lipid Particles by Membrane Emulsification. <i>Advanced Science Letters</i> , 2011 , 4, 591-595	0.1	10
65	Controlled release carriers of growth factors FGF-2 and TGFbeta1: synthesis, characterization and kinetic modelling. <i>Journal of Biomedical Nanotechnology</i> , 2010 , 6, 106-16	4	8
64	Ethanol injection method for hydrophilic and lipophilic drug-loaded liposome preparation. <i>Journal of Liposome Research</i> , 2010 , 20, 228-43	6.1	192
63	Synthesis and characterization of novel radiopaque poly(allyl amine) nanoparticles. <i>Nanotechnology</i> , 2010 , 21, 335603	3.4	11

62	Reactive and Highly Submicron Magnetic Latexes for Bionanotechnology Applications. <i>Macromolecular Symposia</i> , 2010 , 288, 115-120	0.8	12
61	Synthesis of biocompatible and thermally sensitive poly(N-vinylcaprolactam) nanogels via inverse miniemulsion polymerization: Effect of the surfactant concentration. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 3932-3941	2.5	39
60	A Novel Preparation of Biodegradable PolymerSilica Nanocomposites by Two Different Encapsulation Methods. <i>Journal of Composite Materials</i> , 2009 , 43, 3023-3030	2.7	
59	Preparation conditions effect on the morphology and release kinetics of biodegradable particles: a mathematical approach. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 467-74	1.3	4
58	Elaboration of radiopaque iodinated nanoparticles for in situ control of local drug delivery. <i>Biomaterials</i> , 2009 , 30, 5667-74	15.6	25
57	Elaboration of perfect core-shell submicronic magnetic latexes from oil in water ferrofluid droplets for bionanotechnology applications. <i>Materials Science and Engineering C</i> , 2009 , 29, 624-630	8.3	14
56	Assessment methods of inhaled aerosols: technical aspects and applications. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 941-59	8	37
55	Topical delivery of cosmetics and drugs. Molecular aspects of percutaneous absorption and delivery. <i>European Journal of Dermatology</i> , 2009 , 19, 309-23	0.8	55
54	Preparation, characterization and in vitro evaluation of a new nucleotide analogue prodrug cyclodextrin inclusion complexes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 295-300	1.3	2
53	Effect of a High-Pressure-Induced Freezing Process on the Stability of Freeze-Dried Nanocapsules. <i>Drying Technology</i> , 2008 , 26, 1199-1207	2.6	9
52	Mechanism of nanocapsules formation by the emulsion-diffusion process. <i>Journal of Colloid and Interface Science</i> , 2008 , 317, 458-68	9.3	133
51	Emulsions of Cyclodextrins grafted to silicone for the transport of antifungal drugs. <i>Materials Science and Engineering C</i> , 2008 , 28, 705-715	8.3	18
50	Dirhenium decacarbonyl-loaded PLLA nanoparticles: influence of neutron irradiation and preliminary in vivo administration by the TMT technique. <i>International Journal of Pharmaceutics</i> , 2008 , 348, 125-36	6.5	28
49	Sulfated and non-sulfated amphiphilic-beta-cyclodextrins: impact of their structural properties on the physicochemical properties of nanoparticles. <i>International Journal of Pharmaceutics</i> , 2008 , 351, 289-95	6.5	18
48	Radionuclides delivery systems for nuclear imaging and radiotherapy of cancer. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 1329-46	18.5	204
47	Nucleoside analogue delivery systems in cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2007 , 4, 513-318		21
46	Elaboration of PLLA-based superparamagnetic nanoparticles: characterization, magnetic behaviour study and in vitro relaxivity evaluation. <i>International Journal of Pharmaceutics</i> , 2007 , 338, 248-57	6.5	67
45	Preparation of redispersible dry nanocapsules by means of spray-drying: development and characterisation. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 30, 124-35	5.1	99

44	Spray-drying nanocapsules in presence of colloidal silica as drying auxiliary agent: formulation and process variables optimization using experimental designs. <i>Pharmaceutical Research</i> , 2007 , 24, 650-61	4.5	33
43	Preparation and characterization of radioactive dirhenium decacarbonyl-loaded PLLA nanoparticles for radionuclide intra-tumoral therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 67, 597-611	5.7	25
42	In vitro efficacy of newly designed vancomycin-based microparticles. <i>Journal of Cataract and Refractive Surgery</i> , 2007 , 33, 702-8	2.3	4
41	Influence of the formulation for solid lipid nanoparticles prepared with a membrane contactor. <i>Pharmaceutical Development and Technology</i> , 2006 , 11, 153-7	3.4	50
40	Investigation of nanocapsules stabilization by amorphous excipients during freeze-drying and storage. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006 , 63, 87-94	5.7	155
39	Synthesis of oligocaprolactone vinyl ether macromonomers and their use for indomethacin encapsulation in polymer nanoparticles based on polycaprolactone macromonomer maleic anhydride-vinyl pyrrolidone terpolymers. <i>Polymer International</i> , 2006 , 55, 222-228	3.3	16
38	A pilot study of freeze drying of poly(epsilon-caprolactone) nanocapsules stabilized by poly(vinyl alcohol): formulation and process optimization. <i>International Journal of Pharmaceutics</i> , 2006 , 309, 178-88	6.5	146
37	Preparation of vancomycin microparticles: importance of preparation parameters. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 176-84	6.5	35
36	Spray-dried microparticles containing polymeric nanocapsules: formulation aspects, liquid phase interactions and particles characteristics. <i>International Journal of Pharmaceutics</i> , 2006 , 325, 63-74	6.5	38
35	Freeze-drying of nanocapsules: impact of annealing on the drying process. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 74-82	6.5	61
34	Preparation, characterization and surface study of poly-epsilon caprolactone magnetic microparticles. <i>Journal of Colloid and Interface Science</i> , 2006 , 300, 584-90	9.3	72
33	Freeze-drying of nanoparticles: formulation, process and storage considerations. <i>Advanced Drug Delivery Reviews</i> , 2006 , 58, 1688-713	18.5	1035
32	Synthesis and characterisation of novel nanospheres made from amphiphilic perfluoroalkylthio-beta-cyclodextrins. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 60, 123-31	5.7	46
31	Preparation and characterization of poly-epsilon-caprolactone nanoparticles containing griseofulvin. <i>International Journal of Pharmaceutics</i> , 2005 , 294, 261-7	6.5	110
30	Comparative scale-up of three methods for producing ibuprofen-loaded nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 25, 357-67	5.1	121
29	Preparation of solid lipid nanoparticles using a membrane contactor. <i>Journal of Controlled Release</i> , 2005 , 108, 112-20	11.7	171
28	MEMBRANE EMULSIFICATION AND MICROCHANNEL EMULSIFICATION PROCESSES. <i>Reviews in Chemical Engineering</i> , 2005 , 21, 1-32	5	28
27	Degradaç�o e estabilizaç�o do diclofenaco em nanoc�psulas polim�ficas. <i>Qu�mica Nova</i> , 2004 , 27, 555-560	1.6	7

26	Physicochemical parameters associated with nanoparticle formation in the salting-out, emulsification-diffusion, and nanoprecipitation methods. <i>Pharmaceutical Research</i> , 2004 , 21, 1428-39	4.5	413
25	Enhancement of topical delivery from biodegradable nanoparticles. <i>Pharmaceutical Research</i> , 2004 , 21, 1818-25	4.5	180
24	Synthesis and characterisation of sulfated amphiphilic alpha-, beta- and gamma-cyclodextrins: application to the complexation of acyclovir. <i>Carbohydrate Research</i> , 2003 , 338, 2185-93	2.9	37
23	Scanning electron microscopy and atomic force microscopy imaging of solid lipid nanoparticles derived from amphiphilic cyclodextrins. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003 , 55, 279-82	5.7	122
22	Study of the emulsion-diffusion of solvent: preparation and characterization of nanocapsules. <i>Drug Development Research</i> , 2002 , 57, 18-33	5.1	29
21	Molecular recognition by <i>Kluyveromyces</i> of amphotericin B-loaded, galactose-tagged, poly (lactic acid) microspheres. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 1767-75	3.4	17
20	Ring-Opening Polymerisation of ϵ -Caprolactone with Monosaccharides as Transfer Agents. A Novel Route to Functionalised Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 659-663	4.8	15
19	Development of a new ethylcellulose pseudolatex for coating. <i>Drug Development Research</i> , 2000 , 50, 157-162	5.1	8
18	Synthesis and characterisation of poly (l-lactic acid) galactosyl derivatives; access to functionalised microspheres. <i>Tetrahedron Letters</i> , 2000 , 41, 877-881	2	3
17	Copper-indomethacinate associated with zwitterionic phospholipids prevents enteropathy in rats: effect on inducible NO synthase. <i>Digestive Diseases and Sciences</i> , 1999 , 44, 991-9	4	16
16	Preparation and characterization of nanocapsules from preformed polymers by a new process based on emulsification-diffusion technique. <i>Pharmaceutical Research</i> , 1998 , 15, 1056-62	4.5	155
15	Pentamidine-loaded poly(D,L-lactide) nanoparticles: Adsorption and drug release. <i>Drug Development Research</i> , 1998 , 43, 98-104	5.1	16
14	Applications of the ion-pair concept to hydrophilic substances with special emphasis on peptides. <i>Pharmaceutical Research</i> , 1997 , 14, 119-27	4.5	77
13	In vitro degradation of nanospheres from poly(D,L-lactides) of different molecular weights and polydispersities. <i>International Journal of Pharmaceutics</i> , 1996 , 129, 95-102	6.5	113
12	Freeze-drying of itraconazole-loaded nanosphere suspensions: a feasibility study. <i>Drug Development Research</i> , 1996 , 38, 116-124	5.1	53
11	Comparative study of the association of itraconazole with colloidal drug carriers. <i>Drug Development Research</i> , 1996 , 38, 125-133	5.1	22
10	In-vitro and in-vivo evaluation of a new amphotericin B emulsion-based delivery system. <i>Journal of Antimicrobial Chemotherapy</i> , 1996 , 38, 485-97	5.1	21
9	Poly(D,L-lactide) nanocapsules containing non-steroidal anti-inflammatory drugs: gastrointestinal tolerance following intravenous and oral administration. <i>Pharmaceutical Research</i> , 1995 , 12, 1545-7	4.5	30

8	Influence of poly(DL-lactide) nanocapsules on the biliary clearance and enterohepatic circulation of indomethacin in the rabbit. <i>Pharmaceutical Research</i> , 1993 , 10, 750-6	4.5	31
7	Jejunal absorption, pharmacological activity, and pharmacokinetic evaluation of indomethacin-loaded poly(D,L-lactide) and poly(isobutyl-cyanoacrylate) nanocapsules in rats. <i>Pharmaceutical Research</i> , 1991 , 8, 101-5	4.5	52
6	In vitro release kinetic pattern of indomethacin from poly(D,L-lactide) nanocapsules. <i>Journal of Pharmaceutical Sciences</i> , 1990 , 79, 763-7	3.9	53
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