Hatem Fessi

List of Publications by Citations

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	Freeze-drying of nanoparticles: formulation, process and storage considerations. *Advanced Drug Delivery Reviews*, **2006**, 58, 1688-713	18.5	1035
168	Physicochemical parameters associated with nanoparticle formation in the salting-out, emulsification-diffusion, and nanoprecipitation methods. *Pharmaceutical Research*, **2004**, 21, 1428-39	4.5	413
167	Theranostic applications of nanoparticles in cancer. *Drug Discovery Today*, **2012**, 17, 928-34	8.8	292
166	Nanoprecipitation process: From encapsulation to drug delivery. *International Journal of Pharmaceutics*, **2017**, 532, 66-81	6.5	248
165	Double emulsion solvent evaporation techniques used for drug encapsulation. *International Journal of Pharmaceutics*, **2015**, 496, 173-90	6.5	237
164	Silica-based nanoparticles for biomedical applications. *Drug Discovery Today*, **2012**, 17, 1147-54	8.8	210
163	Radionuclides delivery systems for nuclear imaging and radiotherapy of cancer. *Advanced Drug Delivery Reviews*, **2008**, 60, 1329-46	18.5	204
162	Ethanol injection method for hydrophilic and lipophilic drug-loaded liposome preparation. *Journal of Liposome Research*, **2010**, 20, 228-43	6.1	192
161	Enhancement of topical delivery from biodegradable nanoparticles. *Pharmaceutical Research*, **2004**, 21, 1818-25	4.5	180
160	Preparation of solid lipid nanoparticles using a membrane contactor. *Journal of Controlled Release*, **2005**, 108, 112-20	11.7	171
159	Preparation and characterization of clove essential oil-loaded liposomes. *Food Chemistry*, **2015**, 178, 52-62	8.5	156
158	Preparation and characterization of nanocapsules from preformed polymers by a new process based on emulsification-diffusion technique. *Pharmaceutical Research*, **1998**, 15, 1056-62	4.5	155
157	Investigation of nanocapsules stabilization by amorphous excipients during freeze-drying and storage. *European Journal of Pharmaceutics and Biopharmaceutics*, **2006**, 63, 87-94	5.7	155
156	A pilot study of freeze drying of poly(epsilon-caprolactone) nanocapsules stabilized by poly(vinyl alcohol): formulation and process optimization. *International Journal of Pharmaceutics*, **2006**, 309, 178-88	6.5	146
155	Mechanism of nanocapsules formation by the emulsion-diffusion process. *Journal of Colloid and Interface Science*, **2008**, 317, 458-68	9.3	133
154	Magnetic nanoparticles: In vivo cancer diagnosis and therapy. *International Journal of Pharmaceutics* , **2015**, 493, 313-27	6.5	129
153	Scanning electron microscopy and atomic force microscopy imaging of solid lipid nanoparticles derived from amphiphilic cyclodextrins. *European Journal of Pharmaceutics and Biopharmaceutics*, **2003**, 55, 279-82	5.7	122

152	Comparative scale-up of three methods for producing ibuprofen-loaded nanoparticles. *European Journal of Pharmaceutical Sciences*, **2005**, 25, 357-67	5.1	121
151	Essential oils encapsulated in liposomes: a review. *Journal of Liposome Research*, **2013**, 23, 268-75	6.1	114
150	In vitro degradation of nanospheres from poly(D,L-lactides) of different molecular weights and polydispersities. *International Journal of Pharmaceutics*, **1996**, 129, 95-102	6.5	113
149	Preparation and characterization of poly-epsilon-caprolactone nanoparticles containing griseofulvin. *International Journal of Pharmaceutics*, **2005**, 294, 261-7	6.5	110
148	Preparation of redispersible dry nanocapsules by means of spray-drying: development and characterisation. *European Journal of Pharmaceutical Sciences*, **2007**, 30, 124-35	5.1	99
147	Preparation of liposomes at large scale using the ethanol injection method: Effect of scale-up and injection devices. *Chemical Engineering Research and Design*, **2015**, 94, 508-515	5.5	80
146	A new method for liposome preparation using a membrane contactor. *Journal of Liposome Research* , **2011**, 21, 213-20	6.1	77
145	Applications of the ion-pair concept to hydrophilic substances with special emphasis on peptides. *Pharmaceutical Research*, **1997**, 14, 119-27	4.5	77
144	Freeze-drying of emulsified systems: A review. *International Journal of Pharmaceutics*, **2016**, 503, 102-146.5		77
143	Iodinated ⊞ocopherol nano-emulsions as non-toxic contrast agents for preclinical X-ray imaging. *Biomaterials*, **2013**, 34, 481-91	15.6	73
142	Preparation, characterization and surface study of poly-epsilon caprolactone magnetic microparticles. *Journal of Colloid and Interface Science*, **2006**, 300, 584-90	9.3	72
141	Polymer encapsulation of inorganic nanoparticles for biomedical applications. *International Journal of Pharmaceutics*, **2013**, 458, 230-41	6.5	69
140	Cyclodextrin containing biodegradable particles: from preparation to drug delivery applications. *International Journal of Pharmaceutics*, **2014**, 461, 351-66	6.5	67
139	Usefulness of controlled release of growth factors in investigating the early events of dentin-pulp regeneration. *Journal of Endodontics*, **2013**, 39, 228-35	4.7	67
138	Elaboration of PLLA-based superparamagnetic nanoparticles: characterization, magnetic behaviour study and in vitro relaxivity evaluation. *International Journal of Pharmaceutics*, **2007**, 338, 248-57	6.5	67
137	In vitro and in vivo antitumoral activity of free, and encapsulated taxol. *Journal of Microencapsulation*, **1990**, 7, 191-7	3.4	67
136	Clove essential oil-in-cyclodextrin-in-liposomes in the aqueous and lyophilized states: From laboratory to large scale using a membrane contactor. *Carbohydrate Polymers*, **2016**, 138, 75-85	10.3	65
135	Liposome and niosome preparation using a membrane contactor for scale-up. *Colloids and Surfaces B: Biointerfaces*, **2012**, 94, 15-21	6	62

134	Freeze-drying of nanocapsules: impact of annealing on the drying process. *International Journal of Pharmaceutics*, **2006**, 324, 74-82	6.5	61
133	Encapsulation of NSAIDs for inflammation management: Overview, progress, challenges and prospects. *International Journal of Pharmaceutics*, **2016**, 515, 757-773	6.5	60
132	Nanocapsules prepared via nanoprecipitation and emulsification-diffusion methods: comparative study. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 80, 235-9	5.7	57
131	Lipid-based carriers: manufacturing and applications for pulmonary route. *Expert Opinion on Drug Delivery*, **2012**, 9, 1111-27	8	55
130	Topical delivery of cosmetics and drugs. Molecular aspects of percutaneous absorption and delivery. *European Journal of Dermatology*, **2009**, 19, 309-23	0.8	55
129	Effect of composition, hydrogenation of phospholipids and lyophilization on the characteristics of eugenol-loaded liposomes prepared by ethanol injection method. *Food Bioscience*, **2016**, 15, 1-10	4.9	55
128	Freeze-drying of itraconazole-loaded nanosphere suspensions: a feasibility study. *Drug Development Research*, **1996**, 38, 116-124	5.1	53
127	In vitro release kinetic pattern of indomethacin from poly(D,L-lactide) nanocapsules. *Journal of Pharmaceutical Sciences*, **1990**, 79, 763-7	3.9	53
126	Anisotropic magnetic microparticles from ferrofluid emulsion. *Soft Matter*, **2011**, 7, 1483-1490	3.6	52
125	Jejunal absorption, pharmacological activity, and pharmacokinetic evaluation of indomethacin-loaded poly(d,l-lactide) and poly(isobutyl-cyanoacrylate) nanocapsules in rats. *Pharmaceutical Research*, **1991**, 8, 101-5	4.5	52
124	Highly temperature responsive core-shell magnetic particles: synthesis, characterization and colloidal properties. *Journal of Colloid and Interface Science*, **2011**, 360, 556-64	9.3	50
123	Influence of the formulation for solid lipid nanoparticles prepared with a membrane contactor. *Pharmaceutical Development and Technology*, **2006**, 11, 153-7	3.4	50
122	Lipid-based nanosuspensions for oral delivery of peptides, a critical review. *International Journal of Pharmaceutics*, **2018**, 541, 117-135	6.5	48
121	Modified double emulsion process as a new route to prepare submicron biodegradable magnetic/polycaprolactone particles for in vivo theranostics. *Soft Matter*, **2012**, 8, 2554	3.6	48
120	Synthesis and characterisation of novel nanospheres made from amphiphilic perfluoroalkylthio-beta-cyclodextrins. *European Journal of Pharmaceutics and Biopharmaceutics*, **2005**, 60, 123-31	5.7	46
119	Engineered nanoparticulate drug delivery systems: the next frontier for oral administration?. *AAPS Journal*, **2012**, 14, 688-702	3.7	45
118	Process induced transformations during tablet manufacturing: phase transition analysis of caffeine using DSC and low frequency micro-Raman spectroscopy. *International Journal of Pharmaceutics*, **2011**, 420, 76-83	6.5	44
117	Plant extracts: from encapsulation to application. *Expert Opinion on Drug Delivery*, **2016**, 13, 1165-75	8	44

116	Polycaprolactone Based Nanoparticles Loaded with Indomethacin for Anti-Inflammatory Therapy: From Preparation to Ex Vivo Study. *Pharmaceutical Research*, **2017**, 34, 1773-1783	4.5	41
115	Square root of time dependence of matrix formulations with low drug content. *Journal of Pharmaceutical Sciences*, **1982**, 71, 749-52	3.9	40
114	Thermally-Sensitive and Magnetic Poly(N-Vinylcaprolactam)-Based Nanogels by Inverse Miniemulsion Polymerization. *Journal of Colloid Science and Biotechnology*, **2012**, 1, 99-112		40
113	Synthesis of biocompatible and thermally sensitive poly(N-vinylcaprolactam) nanogels via inverse miniemulsion polymerization: Effect of the surfactant concentration. *Journal of Polymer Science Part A*, **2010**, 48, 3932-3941	2.5	39
112	Effect of process and formulation parameters on polycaprolactone nanoparticles prepared by solvent displacement. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 516, 238-244	5.1	38
111	Preparation of gold nanoparticles and determination of their particles size via different methods. *Materials Research Bulletin*, **2016**, 79, 97-104	5.1	38
110	Spray-dried microparticles containing polymeric nanocapsules: formulation aspects, liquid phase interactions and particles characteristics. *International Journal of Pharmaceutics*, **2006**, 325, 63-74	6.5	38
109	Preparation of oil-in-water nanoemulsions at large-scale using premix membrane emulsification and Shirasu Porous Glass (SPG) membranes. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 557, 76-84	5.1	37
108	Assessment methods of inhaled aerosols: technical aspects and applications. *Expert Opinion on Drug Delivery*, **2009**, 6, 941-59	8	37
107	Synthesis and characterisation of sulfated amphiphilic alpha-, beta- and gamma-cyclodextrins: application to the complexation of acyclovir. *Carbohydrate Research*, **2003**, 338, 2185-93	2.9	37
106	Edible Polymers for Essential Oils Encapsulation: Application in Food Preservation. *Industrial & Engineering Chemistry Research*, **2019**, 58, 20932-20945	3.9	36
105	Nano-encapsulation of vitamin D3 active metabolites for application in chemotherapy: formulation study and in vitro evaluation. *Pharmaceutical Research*, **2013**, 30, 1137-46	4.5	36
104	Preparation of biodegradable PCL particles via double emulsion evaporation method using ultrasound technique. *Colloid and Polymer Science*, **2015**, 293, 861-873	2.4	36
103	Production of liposomes using microengineered membrane and co-flow microfluidic device. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 458, 168-177	5.1	35
102	Preparation of vancomycin microparticles: importance of preparation parameters. *International Journal of Pharmaceutics*, **2006**, 324, 176-84	6.5	35
101	pH-sensitive micelles for targeted drug delivery prepared using a novel membrane contactor method. *ACS Applied Materials & Interfaces*, **2013**, 5, 8939-47	9.5	34
100	Development of a nanoparticle-based system for the delivery of retinoic acid into macrophages. *International Journal of Pharmaceutics*, **2012**, 430, 207-15	6.5	33
99	Spray-drying nanocapsules in presence of colloidal silica as drying auxiliary agent: formulation and process variables optimization using experimental designs. *Pharmaceutical Research*, **2007**, 24, 650-61	4.5	33

98	Iodinated nano-emulsions as contrast agents for preclinical X-ray imaging: Impact of the free surfactants on the pharmacokinetics. *European Journal of Pharmaceutics and Biopharmaceutics*, **2013**, 83, 54-62	5.7	32
97	Beclomethasone-loaded lipidic nanocarriers for pulmonary drug delivery: preparation, characterization and in vitro drug release. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 1841-51	1.3	32
96	Influence of poly(DL-lactide) nanocapsules on the biliary clearance and enterohepatic circulation of indomethacin in the rabbit. *Pharmaceutical Research*, **1993**, 10, 750-6	4.5	31
95	Poly(D,L-lactide) nanocapsules containing non-steroidal anti-inflammatory drugs: gastrointestinal tolerance following intravenous and oral administration. *Pharmaceutical Research*, **1995**, 12, 1545-7	4.5	30
94	Study of the emulsion-diffusion of solvent: preparation and characterization of nanocapsules. *Drug Development Research*, **2002**, 57, 18-33	5.1	29
93	Dirhenium decacarbonyl-loaded PLLA nanoparticles: influence of neutron irradiation and preliminary in vivo administration by the TMT technique. *International Journal of Pharmaceutics*, **2008**, 348, 125-36	6.5	28
92	MEMBRANE EMULSIFICATION AND MICROCHANNEL EMULSIFICATION PROCESSES. *Reviews in Chemical Engineering*, **2005**, 21, 1-32	5	28
91	Poly (Ɛcaprolactone) nanoparticles loaded with indomethacin and Nigella Sativa L. essential oil for the topical treatment of inflammation. *Journal of Drug Delivery Science and Technology*, **2018**, 46, 234-242	4.5	28
90	Optimisation of rosemary oil encapsulation in polycaprolactone and scale-up of the process. *Journal of Microencapsulation*, **2014**, 31, 746-53	3.4	26
89	Reactive magnetic poly(divinylbenzene-co-glycidyl methacrylate) colloidal particles for specific antigen detection using microcontact printing technique. *Acta Biomaterialia*, **2013**, 9, 5573-82	10.8	26
88	Study of the effect of formulation parameters/variables to control the nanoencapsulation of hydrophilic drug via double emulsion technique. *Journal of Biomedical Nanotechnology*, **2011**, 7, 255-62	4	26
87	Electrokinetic properties of bare or nanoparticle-functionalized textile fabrics. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 397, 24-32	5.1	25
86	Elaboration of radiopaque iodinated nanoparticles for in situ control of local drug delivery. *Biomaterials*, **2009**, 30, 5667-74	15.6	25
85	Preparation and characterization of radioactive dirhenium decacarbonyl-loaded PLLA nanoparticles for radionuclide intra-tumoral therapy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2007**, 67, 597-611	5.7	25
84	Bonding mechanisms and hysteresis areas in compression cycle plots. *Journal of Pharmaceutical Sciences*, **1981**, 70, 222-3	3.9	25
83	Elaboration of Argan Oil Nanocapsules Containing Naproxen for Cosmetic and Transdermal Local Application. *Journal of Colloid Science and Biotechnology*, **2012**, 1, 218-224		25
82	Polymeric nanocapsules as drug carriers for sustained anticancer activity of calcitriol in breast cancer cells. *International Journal of Pharmaceutics*, **2018**, 550, 170-179	6.5	24
81	Comparative study of the association of itraconazole with colloidal drug carriers. *Drug Development Research*, **1996**, 38, 125-133	5.1	22

80	In-vitro evaluation of solid lipid nanoparticles: Ability to encapsulate, release and ensure effective protection of peptides in the gastrointestinal tract. *International Journal of Pharmaceutics*, **2019**, 565, 409-418	6.5	21
79	TGA and magnetization measurements for determination of composition and polymer conversion of magnetic hybrid particles. *Polymers for Advanced Technologies*, **2015**, 26, 1199-1208	3.2	21
78	Nucleoside analogue delivery systems in cancer therapy. *Expert Opinion on Drug Delivery*, **2007**, 4, 513-31	8	21
77	In-vitro and in-vivo evaluation of a new amphotericin B emulsion-based delivery system. *Journal of Antimicrobial Chemotherapy*, **1996**, 38, 485-97	5.1	21
76	Large-scale preparation of clove essential oil and eugenol-loaded liposomes using a membrane contactor and a pilot plant. *Journal of Liposome Research*, **2016**, 26, 126-38	6.1	20
75	Submicron magnetic core conducting polypyrrole polymer shell: Preparation and characterization. *Materials Science and Engineering C*, **2016**, 61, 688-94	8.3	19
74	Poly(ethylene glycol)-poly(ε-caprolactone) iodinated nanocapsules as contrast agents for X-ray imaging. *Pharmaceutical Research*, **2013**, 30, 2023-35	4.5	19
73	Synthesis and characterization of thermally and glucose-sensitive poly N-vinylcaprolactam-Based microgels. *Journal of Biomedical Nanotechnology*, **2012**, 8, 709-19	4	19
72	Emulsions of β-cyclodextrins grafted to silicone for the transport of antifungal drugs. *Materials Science and Engineering C*, **2008**, 28, 705-715	8.3	18
71	Sulfated and non-sulfated amphiphilic-beta-cyclodextrins: impact of their structural properties on the physicochemical properties of nanoparticles. *International Journal of Pharmaceutics*, **2008**, 351, 289-95	6.5	18
70	Biodegradable Polymer Based Nanoparticles: Dermal and Transdermal Drug Delivery. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 141-149		18
69	Influence of viscosity for oil-in-water and water-in-oil nanoemulsions production by SPG premix membrane emulsification. *Chemical Engineering Research and Design*, **2019**, 142, 87-99	5.5	18
68	Orodispersible films based on amorphous solid dispersions of tetrabenazine. *International Journal of Pharmaceutics*, **2017**, 518, 242-252	6.5	17
67	Development and characterization of oral liposomes of vegetal ceramide based amphotericin B having enhanced dry solubility and solubility. *Materials Science and Engineering C*, **2015**, 48, 145-9	8.3	17
66	Molecular recognition by Kluyveromyces of amphotericin B-loaded, galactose-tagged, poly (lactic acid) microspheres. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 1767-75	3.4	17
65	Comparison of Three Processes for Parenteral Nanoemulsion Production: Ultrasounds, Microfluidizer, and Premix Membrane Emulsification. *Journal of Pharmaceutical Sciences*, **2019**, 108, 2708-2717	3.9	16
64	Redispersible lipid nanoparticles of Spironolactone obtained by three drying methods. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 413, 191-199	5.1	16
63	Pentamidine-loaded poly(D,L-lactide) nanoparticles: Adsorption and drug release. *Drug Development Research*, **1998**, 43, 98-104	5.1	16

62	Synthesis of oligocaprolactone vinyl ether macromonomers and their use for indomethacin encapsulation in polymer nanoparticles based on polycaprolactone macromonomer–maleic anhydride–N-vinyl pyrrolidone terpolymers. *Polymer International*, **2006**, 55, 222-228	3.3	16
61	Copper-indomethacinate associated with zwitterionic phospholipids prevents enteropathy in rats: effect on inducible NO synthase. *Digestive Diseases and Sciences*, **1999**, 44, 991-9	4	16
60	The parameters influencing the morphology of poly(e-caprolactone) microspheres and the resulting release of encapsulated drugs. *International Journal of Pharmaceutics*, **2015**, 494, 152-66	6.5	15
59	Preparation and characterization of biodegradable polyhydroxybutyrate-co-hydroxyvalerate/polyethylene glycol-based microspheres. *International Journal of Pharmaceutics*, **2016**, 513, 49-61	6.5	15
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57	Ring-Opening Polymerisation of ?-Caprolactone with Monosaccharides as Transfer Agents. A Novel Route to Functionalised Nanoparticles. *Macromolecular Rapid Communications*, **2001**, 22, 659-663	4.8	15
56	CoFe2O4 and ZnFe2O4 Nanoparticles: An Overview About Structure, Properties, Synthesis and Biomedical Applications. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 45-54		15
55	Biodegradable microparticles preparation by double emulsification–solvent extraction method: A Systematic study. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 492, 213-229	5.1	14
54	Elaboration of perfect core-shell submicronic magnetic latexes from oil in water ferrofluid droplets for bionanotechnology applications. *Materials Science and Engineering C*, **2009**, 29, 624-630	8.3	14
53	Plant oils: From chemical composition to encapsulated form use. *International Journal of Pharmaceutics*, **2021**, 601, 120538	6.5	14
52	Aminodextran-coated potassium niobate (KNbO3) nanocrystals for second harmonic bio-imaging. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 439, 131-137	5.1	13
51	In vitro MRI of biodegradable hybrid (iron oxide/polycaprolactone) magnetic nanoparticles prepared via modified double emulsion evaporation mechanism. *Colloids and Surfaces B: Biointerfaces*, **2015**, 130, 264-71	6	12
50	SHG Active Fe(IO3)3 Particles: From Spherical Nanocrystals to Urchin-Like Microstructures through the Additive-Mediated Microemulsion Route. *Crystal Growth and Design*, **2012**, 12, 5387-5395	3.5	12
49	Reactive and Highly Submicron Magnetic Latexes for Bionanotechnology Applications. *Macromolecular Symposia*, **2010**, 288, 115-120	0.8	12
48	Nanocapsules containing Saussurea lappa essential oil: Formulation, characterization, antidiabetic, anti-cholinesterase and anti-inflammatory potentials. *International Journal of Pharmaceutics*, **2021**, 593, 120138	6.5	12
47	Human serum albumin nanoparticles as nanovector carriers for proteins: Application to the antibacterial proteins "neutrophil elastase" and "secretory leukocyte protease inhibitor". *International Journal of Pharmaceutics*, **2020**, 579, 119150	6.5	11
46	Synthesis and characterization of novel radiopaque poly(allyl amine) nanoparticles. *Nanotechnology* , **2010**, 21, 335603	3.4	11
45	Submicron silica shell–magnetic core preparation and characterization. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 537, 318-324	5.1	10

44	Influence of diblock copolymer PCL-mPEG and of various iodinated oils on the formulation by the emulsion-solvent diffusion process of radiopaque polymeric nanoparticles. *Journal of Pharmaceutical Sciences*, **2013**, 102, 4150-8	3.9	10
43	Nanoparticles via nanoprecipitation process. *Recent Patents on Drug Delivery and Formulation*, **2012**, 6, 250-8	1.4	10
42	Preparation of Indomethacin-Loaded Lipid Particles by Membrane Emulsification. *Advanced Science Letters*, **2011**, 4, 591-595	0.1	10
41	Elaboration of ammonio methacrylate copolymer based spongy cationic particles via double emulsion solvent evaporation process. *Materials Science and Engineering C*, **2016**, 61, 85-96	8.3	9
40	New oil-in-water magnetic emulsion as contrast agent for in vivo magnetic resonance imaging (MRI). *Journal of Biomedical Nanotechnology*, **2013**, 9, 1579-85	4	9
39	The development, physicochemical characterisation and in vitro drug release studies of pectinate gel beads containing Thai mango seed kernel extract. *Molecules*, **2013**, 18, 6504-20	4.8	9
38	Effect of a High-Pressure-Induced Freezing Process on the Stability of Freeze-Dried Nanocapsules. *Drying Technology*, **2008**, 26, 1199-1207	2.6	9
37	Aminodextran polymer-functionalized reactive magnetic emulsions for potential theranostic applications. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 373-381	6	9
36	Amorphization of Atorvastatin Calcium by Mechanical Process: Characterization and Stabilization Within Polymeric Matrix. *Journal of Pharmaceutical Innovation*, **2017**, 12, 216-225	1.8	8
35	Submicron polycaprolactone particles as a carrier for imaging contrast agent for in vitro applications. *Colloids and Surfaces B: Biointerfaces*, **2015**, 136, 488-95	6	8
34	Encapsulation of a pressure sensitive adhesive by spray-cooling: Optimum formulation and processing conditions. *Advanced Powder Technology*, **2014**, 25, 292-300	4.6	8
33	Controlled release carriers of growth factors FGF-2 and TGFbeta1: synthesis, characterization and kinetic modelling. *Journal of Biomedical Nanotechnology*, **2010**, 6, 106-16	4	8
32	Development of a new ethylcellulose pseudolatex for coating. *Drug Development Research*, **2000**, 50, 157-162	5.1	8
31	Structured Magnetic Core/Silica Internal Shell Layer and Protein Out Layer Shell (BSA@SiO2@SME): Preparation and Characterization. *Chemistry Africa*, **2020**, 3, 127-134	2.2	8
30	Polymer particle adsorption at textile/liquid interfaces: a simple approach for a new functionalization route. *Polymer International*, **2012**, 61, 1127-1135	3.3	7
29	Degrada□ e estabiliza□ do diclofenaco em nanoc□sulas polim□icas. *Quimica Nova*, **2004**, 27, 555-560	1.6	7
28	Iodinated polymer nanoparticles as contrast agent for spectral photon counting computed tomography. *Biomaterials Science*, **2020**, 8, 5715-5728	7.4	7
27	Elaboration of sponge-like particles for textile functionalization and skin penetration. *Colloid and Polymer Science*, **2015**, 293, 2967-2977	2.4	6

26	Structural elucidation of two photolytic degradation products of tetrabenazine. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 91, 138-43	3.5	6
25	Colloidal particles containing labeling agents and cyclodextrins for theranostic applications. *International Journal of Pharmaceutics*, **2014**, 472, 118-29	6.5	6
24	A proof-of-concept for developing oral lipidized peptide Nanostructured Lipid Carrier formulations. *Journal of Drug Delivery Science and Technology*, **2019**, 54, 101394	4.5	6
23	Solid lipid nanocarriers diffuse effectively through mucus and enter intestinal cells - but where is my peptide?. *International Journal of Pharmaceutics*, **2020**, 586, 119581	6.5	4
22	Preparation conditions effect on the morphology and release kinetics of biodegradable particles: a mathematical approach. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 467-74	1.3	4
21	In vitro efficacy of newly designed vancomycin-based microparticles. *Journal of Cataract and Refractive Surgery*, **2007**, 33, 702-8	2.3	4
20	Poly(ethylene glycol)-Based Hydrogels from Preparation Methods to Applications. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 2-15		4
19	Sponge like microparticles for drug delivery and cosmeto-textile use: Formulation and human skin penetration. *International Journal of Pharmaceutics*, **2017**, 532, 623-634	6.5	4
18	Synthesis and characterisation of poly (l-lactic acid) galactosyl derivatives; access to functionalised microspheres. *Tetrahedron Letters*, **2000**, 41, 877-881	2	3
17	NanoPickering: Pickering Nanoemulsions Stabilized by Bare Silica Nanoparticles. *Journal of Colloid Science and Biotechnology*, **2015**, 4, 110-116		3
16	Poly(hydroxybutyrate-co-hydroxyvalerate) Microspheres for the Encapsulation and Controlled Release of Heparin. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 100-108		3
15	Elaboration of sponge-like biodegradable cationic particles via double-emulsion solvent evaporation. *Journal of Dispersion Science and Technology*, **2017**, 38, 577-583	1.5	2
14	Microencapsulation of rifampicin for the prevention of endophthalmitis: In vitro release studies and antibacterial assessment. *International Journal of Pharmaceutics*, **2016**, 505, 262-70	6.5	2
13	Encapsulation of a pressure-sensitive adhesive by spray-drying: microparticles preparation and evaluation of their crushing strength. *Journal of Microencapsulation*, **2012**, 29, 185-93	3.4	2
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11	Preparation, characterization and in vitro evaluation of a new nucleotide analogue prodrug cyclodextrin inclusion complexes. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 295-300	1.3	2
10	Equation relating to the Higuchi R-ratio of lubrication. *International Journal of Pharmaceutics*, **1986**, 30, 209-213	6.5	2
9	Elaboration of Submicron Particles for Biomedical Imaging and Drug Delivery: Specific Review. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 16-31		2

8	Nanoparticle Preparation for Theranostic Applications. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 69-80		2
7	Poly(p-phenylenediamine)-coated magnetic particles: Preparation and electrochemical properties. *Polymers for Advanced Technologies*, **2019**, 30, 2017-2025	3.2	1
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1	A Novel Preparation of Biodegradable Polymer□Silica Nanocomposites by Two Different Encapsulation Methods. *Journal of Composite Materials*, **2009**, 43, 3023-3030	2.7	