

MarÃ-a J Alonso

List of Publications by Year in descending order

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183
papers

15,187
citations

15880

67
h-index

23841

115
g-index

186
all docs

186
docs citations

186
times ranked

15935
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan and chitosan/ethylene oxide-propylene oxide block copolymer nanoparticles as novel carriers for proteins and vaccines. <i>Pharmaceutical Research</i> , 1997, 14, 1431-1436.	1.7	648
2	Enhancement of nasal absorption of insulin using chitosan nanoparticles. <i>Pharmaceutical Research</i> , 1999, 16, 1576-1581.	1.7	514
3	Low molecular weight chitosan nanoparticles as new carriers for nasal vaccine delivery in mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 57, 123-131.	2.0	408
4	Highly cited research articles in <i>Journal of Controlled Release: Commentaries and perspectives by authors</i> . <i>Journal of Controlled Release</i> , 2014, 190, 29-74.	4.8	394
5	Chitosan Nanoparticles as New Ocular Drug Delivery Systems: in Vitro Stability, in Vivo Fate, and Cellular Toxicity. <i>Pharmaceutical Research</i> , 2004, 21, 803-810.	1.7	336
6	Comparative uptake studies of bioadhesive and non-bioadhesive nanoparticles in human intestinal cell lines and rats: the effect of mucus on particle adsorption and transport. <i>Pharmaceutical Research</i> , 2002, 19, 1185-1193.	1.7	330
7	Chitosan-based nanostructures: A delivery platform for ocular therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 100-117.	6.6	323
8	Chitosan-based drug nanocarriers: Where do we stand?. <i>Journal of Controlled Release</i> , 2012, 161, 496-504.	4.8	306
9	Biodegradable microspheres as controlled-release tetanus toxoid delivery systems. <i>Vaccine</i> , 1994, 12, 299-306.	1.7	283
10	The potential of chitosan in ocular drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 1451-1463.	1.2	281
11	Development and Brain Delivery of Chitosan-PEG Nanoparticles Functionalized with the Monoclonal Antibody OX26. <i>Bioconjugate Chemistry</i> , 2005, 16, 1503-1511.	1.8	279
12	Ionically crosslinked chitosan/tripolyphosphate nanoparticles for oligonucleotide and plasmid DNA delivery. <i>International Journal of Pharmaceutics</i> , 2009, 382, 205-214.	2.6	264
13	Nanomedicines for overcoming biological barriers. <i>Biomedicine and Pharmacotherapy</i> , 2004, 58, 168-172.	2.5	263
14	Novel Hyaluronic Acid-Chitosan Nanoparticles for Ocular Gene Therapy. , 2008, 49, 2016.		256
15	Chitosan Nanoparticles as a Potential Drug Delivery System for the Ocular Surface: Toxicity, Uptake Mechanism and In Vivo Tolerance. , 2006, 47, 1416.		255
16	Comparative in vitro Evaluation of Several Colloidal Systems, Nanoparticles, Nanocapsules, and Nanoemulsions, as Ocular Drug Carriers. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 530-536.	1.6	249
17	Nanoparticles for nasal vaccination. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 140-157.	6.6	247
18	Ocular drug delivery by liposome-chitosan nanoparticle complexes (LCS-NP). <i>Biomaterials</i> , 2007, 28, 1553-1564.	5.7	245

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19	Current status of selected oral peptide technologies in advanced preclinical development and in clinical trials. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 223-241.	6.6	241
20	Transport of PLA-PEG particles across the nasal mucosa: effect of particle size and PEG coating density. <i>Journal of Controlled Release</i> , 2004, 98, 231-244.	4.8	218
21	The effect of a PEG versus a chitosan coating on the interaction of drug colloidal carriers with the ocular mucosa. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 20, 73-81.	1.9	215
22	Chitosan-Alginate Blended Nanoparticles as Carriers for the Transmucosal Delivery of Macromolecules. <i>Biomacromolecules</i> , 2009, 10, 1736-1743.	2.6	210
23	Determinants of release rate of tetanus vaccine from polyester microspheres. <i>Pharmaceutical Research</i> , 1993, 10, 945-953.	1.7	207
24	Lipid-based nanocarriers for oral peptide delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 337-354.	6.6	204
25	Chitosan/cyclodextrin nanoparticles as macromolecular drug delivery system. <i>International Journal of Pharmaceutics</i> , 2007, 340, 134-142.	2.6	203
26	Chitosan-hyaluronic acid nanoparticles loaded with heparin for the treatment of asthma. <i>International Journal of Pharmaceutics</i> , 2009, 381, 122-129.	2.6	195
27	Heparin-Engineered Mesoporous Iron Metal-Organic Framework Nanoparticles: Toward Stealth Drug Nanocarriers. <i>Advanced Healthcare Materials</i> , 2015, 4, 1246-1257.	3.9	187
28	Improved Ocular Bioavailability of Indomethacin by Novel Ocular Drug Carriers. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 1147-1152.	1.2	180
29	Development and characterization of PLGA nanospheres and nanocapsules containing xanthone and 3-methoxyxanthone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 491-500.	2.0	159
30	Chitosan-based nanoparticles for improving immunization against hepatitis B infection. <i>Vaccine</i> , 2010, 28, 2607-2614.	1.7	157
31	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	15.6	149
32	Design of new formulations for topical ocular administration: polymeric nanocapsules containing metipranolol. <i>Pharmaceutical Research</i> , 1993, 10, 80-87.	1.7	146
33	Biodegradable micro- and nanoparticles as long-term delivery vehicles for interferon-alpha. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 18, 221-229.	1.9	146
34	New surface-modified lipid nanoparticles as delivery vehicles for salmon calcitonin. <i>International Journal of Pharmaceutics</i> , 2005, 296, 122-132.	2.6	142
35	A comparative study of chitosan and chitosan/cyclodextrin nanoparticles as potential carriers for the oral delivery of small peptides†. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 26-32.	2.0	139
36	PLGA:Poloxamer and PLGA:Poloxamine Blend Nanoparticles: New Carriers for Gene Delivery. <i>Biomacromolecules</i> , 2005, 6, 271-278.	2.6	131

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37	New Generation of Hybrid Poly/Oligosaccharide Nanoparticles as Carriers for the Nasal Delivery of Macromolecules. <i>Biomacromolecules</i> , 2009, 10, 243-249.	2.6	129
38	Nanoparticles as carriers for nasal vaccine delivery. <i>Expert Review of Vaccines</i> , 2005, 4, 185-196.	2.0	120
39	Oral Delivery of Biologics for Precision Medicine. <i>Advanced Materials</i> , 2020, 32, e1901935.	11.1	120
40	Preparation and in vitro evaluation of chitosan nanoparticles containing a caspase inhibitor. <i>International Journal of Pharmaceutics</i> , 2005, 298, 378-383.	2.6	118
41	A new drug nanocarrier consisting of chitosan and hydroxypropylcyclodextrin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 63, 79-86.	2.0	113
42	Nose-to-brain peptide delivery – The potential of nanotechnology. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2888-2905.	1.4	113
43	Development and characterization of CyA-loaded poly(lactic acid)-poly(ethylene glycol)PEG micro- and nanoparticles. Comparison with conventional PLA particulate carriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2001, 51, 111-118.	2.0	112
44	The performance of nanocarriers for transmucosal drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2006, 3, 463-478.	2.4	110
45	Targeting tumor associated macrophages: The new challenge for nanomedicine. <i>Seminars in Immunology</i> , 2017, 34, 103-113.	2.7	110
46	Development of chitosan sponges for buccal administration of insulin. <i>Carbohydrate Polymers</i> , 2007, 68, 617-625.	5.1	109
47	Polyester nanocapsules as new topical ocular delivery systems for cyclosporin A. <i>Pharmaceutical Research</i> , 1996, 13, 311-315.	1.7	102
48	Chitosan/cyclodextrin nanoparticles can efficiently transfect the airway epithelium in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 257-263.	2.0	102
49	Nanoengineering of vaccines using natural polysaccharides. <i>Biotechnology Advances</i> , 2015, 33, 1279-1293.	6.0	96
50	Development of biodegradable microspheres and nanospheres for the controlled release of cyclosporin A. <i>International Journal of Pharmaceutics</i> , 1993, 99, 263-273.	2.6	94
51	Pulsed Controlled-Release System for Potential Use in Vaccine Delivery. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 547-552.	1.6	91
52	The potential of chitosan for the oral administration of peptides. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 843-854.	2.4	91
53	Novel Hyaluronan-Based Nanocarriers for Transmucosal Delivery of Macromolecules. <i>Macromolecular Bioscience</i> , 2008, 8, 441-450.	2.1	91
54	Chitosan nanoparticles for drug delivery to the eye. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 239-253.	2.4	91

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55	Highly Efficient System To Deliver Taxanes into Tumor Cells: Docetaxel-Loaded Chitosan Oligomer Colloidal Carriers. <i>Biomacromolecules</i> , 2008, 9, 2186-2193.	2.6	90
56	Modulating the immune system through nanotechnology. <i>Seminars in Immunology</i> , 2017, 34, 78-102.	2.7	90
57	Application of NMR Spectroscopy to the Characterization of PEG-Stabilized Lipid Nanoparticles. <i>Langmuir</i> , 2004, 20, 8839-8845.	1.6	87
58	Formation of New Glucomannan~Chitosan Nanoparticles and Study of Their Ability To Associate and Deliver Proteins. <i>Macromolecules</i> , 2006, 39, 4152-4158.	2.2	86
59	Hyaluronic Acid/Chitosan-g-Poly(ethylene glycol) Nanoparticles for Gene Therapy: An Application for pDNA and siRNA Delivery. <i>Pharmaceutical Research</i> , 2010, 27, 2544-2555.	1.7	83
60	Pharmacokinetic, pharmacodynamic and biodistribution following oral administration of nanocarriers containing peptide and protein drugs. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 367-380.	6.6	83
61	Nanoparticles as protein and gene carriers to mucosal surfaces. <i>Nanomedicine</i> , 2008, 3, 845-857.	1.7	80
62	Intracellular Delivery of an Antibody Targeting Gasdermin-B Reduces HER2 Breast Cancer Aggressiveness. <i>Clinical Cancer Research</i> , 2019, 25, 4846-4858.	3.2	79
63	A novel system based on a poloxamer/PLGA blend as a tetanus toxoid delivery vehicle. <i>Pharmaceutical Research</i> , 1999, 16, 682-688.	1.7	77
64	Systemic heparin delivery by the pulmonary route using chitosan and glycol chitosan nanoparticles. <i>International Journal of Pharmaceutics</i> , 2013, 447, 115-123.	2.6	77
65	A comparative study of curcumin-loaded lipid-based nanocarriers in the treatment of inflammatory bowel disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 327-335.	2.5	76
66	Hyaluronic acid/Chitosan nanoparticles as delivery vehicles for VEGF and PDGF-BB. <i>Drug Delivery</i> , 2010, 17, 596-604.	2.5	73
67	Design and characterization of a new drug nanocarrier made from solid~liquid lipid mixtures. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 590-598.	5.0	72
68	Co-delivery of viral proteins and a TLR7 agonist from polysaccharide nanocapsules: A needle-free vaccination strategy. <i>Journal of Controlled Release</i> , 2013, 172, 773-781.	4.8	71
69	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. <i>Journal of Controlled Release</i> , 2018, 276, 125-139.	4.8	70
70	New strategies for the microencapsulation of tetanus vaccine. <i>Journal of Microencapsulation</i> , 1998, 15, 299-318.	1.2	69
71	Chitosan-based nanocapsules: physical characterization, stability in biological media and capsaicin encapsulation. <i>Colloid and Polymer Science</i> , 2012, 290, 1423-1434.	1.0	66
72	Hyaluronan nanocapsules as a new vehicle for intracellular drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 483-490.	1.9	62

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73	Polysaccharide Nanoparticles Can Efficiently Modulate the Immune Response against an HIV Peptide Antigen. <i>ACS Nano</i> , 2019, 13, 4947-4959.	7.3	61
74	Nose-to-brain delivery of enveloped RNA - cell permeating peptide nanocomplexes for the treatment of neurodegenerative diseases. <i>Biomaterials</i> , 2020, 230, 119657.	5.7	59
75	Ionically Crosslinked Chitosan Nanoparticles as Gene Delivery Systems: Effect of PEGylation Degree on <i>In Vitro</i> and <i>In Vivo</i> Gene Transfer. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 162-171.	0.5	58
76	Unveiling the pitfalls of the protein corona of polymeric drug nanocarriers. <i>Drug Delivery and Translational Research</i> , 2020, 10, 730-750.	3.0	58
77	Ocular Tolerance to a Topical Formulation of Hyaluronic Acid and Chitosan-Based Nanoparticles. <i>Cornea</i> , 2010, 29, 550-558.	0.9	56
78	A new drug nanocarrier consisting of polyarginine and hyaluronic acid. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 54-57.	2.0	55
79	Polymer-based oral peptide nanomedicines. <i>Therapeutic Delivery</i> , 2012, 3, 657-668.	1.2	55
80	Novel Approaches to Controlled-Release Antigen Delivery. <i>International Journal of Technology Assessment in Health Care</i> , 1994, 10, 121-130.	0.2	54
81	Nanoparticles Based on PLGA:Poloxamer Blends for the Delivery of Proangiogenic Growth Factors. <i>Molecular Pharmaceutics</i> , 2010, 7, 1724-1733.	2.3	54
82	Polyaminoacid nanocapsules for drug delivery to the lymphatic system: Effect of the particle size. <i>International Journal of Pharmaceutics</i> , 2016, 509, 107-117.	2.6	52
83	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. <i>Journal of Controlled Release</i> , 2017, 263, 4-17.	4.8	51
84	Oral delivery of peptides: opportunities and issues for translation. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 193-195.	6.6	50
85	PLA-PEG nanospheres: new carriers for transmucosal delivery of proteins and plasmid DNA. <i>Polymers for Advanced Technologies</i> , 2002, 13, 851-858.	1.6	49
86	A Polymer/Oil Based Nanovaccine as a Single-Dose Immunization Approach. <i>PLoS ONE</i> , 2013, 8, e62500.	1.1	49
87	Targeting cancer with hyaluronic acid-based nanocarriers: recent advances and translational perspectives. <i>Nanomedicine</i> , 2016, 11, 2341-2357.	1.7	46
88	Development and characterization of microencapsulated microspheres. <i>Pharmaceutical Research</i> , 1994, 11, 1568-1574.	1.7	45
89	The interaction of protamine nanocapsules with the intestinal epithelium: A mechanistic approach. <i>Journal of Controlled Release</i> , 2016, 243, 109-120.	4.8	45
90	Self-assembled hyaluronan nanocapsules for the intracellular delivery of anticancer drugs. <i>Scientific Reports</i> , 2019, 9, 11565.	1.6	45

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91	Approaches to improve the association of amikacin sulphate to poly(alkylcyanoacrylate) nanoparticles. <i>International Journal of Pharmaceutics</i> , 1991, 68, 69-76.	2.6	44
92	Rational design of protamine nanocapsules as antigen delivery carriers. <i>Journal of Controlled Release</i> , 2017, 245, 62-69.	4.8	44
93	Protein-loaded PLGA-PEO blend nanoparticles: encapsulation, release and degradation characteristics. <i>Colloid and Polymer Science</i> , 2010, 288, 141-150.	1.0	43
94	Anti-tumor efficacy of chitosan-g-poly(ethylene glycol) nanocapsules containing docetaxel: Anti-TMEFF-2 functionalized nanocapsules vs. non-functionalized nanocapsules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 330-337.	2.0	42
95	Investigation of a pMDI system containing chitosan microspheres and P134a. <i>International Journal of Pharmaceutics</i> , 1998, 174, 209-222.	2.6	41
96	Polyglutamic acid-PEG nanocapsules as long circulating carriers for the delivery of docetaxel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 47-54.	2.0	39
97	Development of PLGA-Mannosamine Nanoparticles as Oral Protein Carriers. <i>Biomacromolecules</i> , 2013, 14, 4046-4052.	2.6	38
98	Polymeric Nanocapsules for Vaccine Delivery: Influence of the Polymeric Shell on the Interaction With the Immune System. <i>Frontiers in Immunology</i> , 2018, 9, 791.	2.2	36
99	Co-delivery of RNAi and chemokine by polyarginine nanocapsules enables the modulation of myeloid-derived suppressor cells. <i>Journal of Controlled Release</i> , 2019, 295, 60-73.	4.8	36
100	Extracellular matrix mechanics regulate transfection and SOX9-directed differentiation of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2020, 110, 153-163.	4.1	36
101	A new potential nano-oncological therapy based on polyamino acid nanocapsules. <i>Journal of Controlled Release</i> , 2013, 169, 10-16.	4.8	34
102	Docetaxel-loaded polyglutamic acid-PEG nanocapsules for the treatment of metastatic cancer. <i>Journal of Controlled Release</i> , 2016, 238, 263-271.	4.8	34
103	Polyarginine Nanocapsules as a Potential Oral Peptide Delivery Carrier. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 611-618.	1.6	34
104	Nanotechnologies for the delivery of biologicals: Historical perspective and current landscape. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113899.	6.6	33
105	Nanomedicine and cancer immunotherapy – targeting immunosuppressive cells. <i>Journal of Drug Targeting</i> , 2015, 23, 656-671.	2.1	32
106	Biodistribution and lymph node retention of polysaccharide-based immunostimulating nanocapsules. <i>Vaccine</i> , 2014, 32, 1685-1692.	1.7	31
107	Bilayer polymeric nanocapsules: A formulation approach for a thermostable and adjuvanted E. coli antigen vaccine. <i>Journal of Controlled Release</i> , 2018, 286, 20-32.	4.8	30
108	The size and composition of polymeric nanocapsules dictate their interaction with macrophages and biodistribution in zebrafish. <i>Journal of Controlled Release</i> , 2019, 308, 98-108.	4.8	30

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109	A multifunctional drug nanocarrier for efficient anticancer therapy. <i>Journal of Controlled Release</i> , 2019, 294, 154-164.	4.8	29
110	Assessment of the permeability and toxicity of polymeric nanocapsules using the zebrafish model. <i>Nanomedicine</i> , 2017, 12, 2069-2082.	1.7	28
111	Chapter 15 Mucosal Delivery of Liposome- α -Chitosan Nanoparticle Complexes. <i>Methods in Enzymology</i> , 2009, 465, 289-312.	0.4	27
112	PLGA:poloxamer blend micro- and nanoparticles as controlled release systems for synthetic proangiogenic factors. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 41, 644-649.	1.9	26
113	Surface-modified PLGA-based nanoparticles that can efficiently associate and deliver virus-like particles. <i>Nanomedicine</i> , 2010, 5, 843-853.	1.7	26
114	Enhanced in vivo therapeutic efficacy of plitidepsin-loaded nanocapsules decorated with a new poly-aminoacid-PEG derivative. <i>International Journal of Pharmaceutics</i> , 2015, 483, 212-219.	2.6	26
115	Polymeric nanocapsules: a potential new therapy for corneal wound healing. <i>Drug Delivery and Translational Research</i> , 2016, 6, 708-721.	3.0	26
116	Advances on the formulation of proteins using nanotechnologies. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 155-180.	1.4	26
117	Protamine nanocapsules as carriers for oral peptide delivery. <i>Journal of Controlled Release</i> , 2018, 291, 157-168.	4.8	26
118	Core-Shell Dendriplexes with Sterically Induced Stoichiometry for Gene Delivery. <i>Macromolecules</i> , 2010, 43, 6953-6961.	2.2	25
119	Nanovaccines : nanocarriers for antigen delivery. <i>Biologie Aujourd'hui</i> , 2012, 206, 249-261.	0.1	25
120	Highly versatile immunostimulating nanocapsules for specific immune potentiation. <i>Nanomedicine</i> , 2014, 9, 2273-2289.	1.7	25
121	Reduction of Cardiovascular Side Effects Associated with Ocular Administration of Metipranolol by Inclusion in Polymeric Nanocapsules. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1992, 8, 191-198.	0.6	24
122	Translating chitosan to clinical delivery of nucleic acid-based drugs. <i>MRS Bulletin</i> , 2014, 39, 60-70.	1.7	24
123	Chitosan-Poly (I:C)-PADRE Based Nanoparticles as Delivery Vehicles for Synthetic Peptide Vaccines. <i>Vaccines</i> , 2015, 3, 730-750.	2.1	24
124	Recent advances in vaccine delivery. <i>Pharmaceutical Patent Analyst</i> , 2016, 5, 49-73.	0.4	24
125	An In Situ Hyaluronic Acid-Fibrin Hydrogel Containing Drug-Loaded Nanocapsules for Intra-Articular Treatment of Inflammatory Joint Diseases. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 201-216.	1.6	24
126	Controlled release of proteins from poly(L-lactic acid) coated polyisobutylcyanoacrylate microcapsules. <i>Journal of Applied Polymer Science</i> , 1994, 52, 1797-1807.	1.3	23

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127	Arginine-Based Poly(I:C)-Loaded Nanocomplexes for the Polarization of Macrophages Toward M1-Antitumoral Effectors. <i>Frontiers in Immunology</i> , 2020, 11, 1412.	2.2	23
128	Protamine Nanocapsules for the Development of Thermostable Adjuvanted Nanovaccines. <i>Molecular Pharmaceutics</i> , 2018, 15, 5653-5664.	2.3	22
129	Versatile protamine nanocapsules to restore miR-145 levels and interfere tumor growth in colorectal cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 449-459.	2.0	22
130	Engineering, on-demand manufacturing, and scaling-up of polymeric nanocapsules. <i>Bioengineering and Translational Medicine</i> , 2019, 4, 38-50.	3.9	22
131	Improved delivery of angiogenesis inhibitors from PLGA:poloxamer blend micro- and nanoparticles. <i>Journal of Microencapsulation</i> , 2010, 27, 57-66.	1.2	21
132	A Potential Nanomedicine Consisting of Heparin-Loaded Polysaccharide Nanocarriers for the Treatment of Asthma. <i>Macromolecular Bioscience</i> , 2012, 12, 176-183.	2.1	21
133	Physical Properties and Stability of Soft Gelled Chitosan-Based Nanoparticles. <i>Macromolecular Bioscience</i> , 2016, 16, 1873-1882.	2.1	21
134	Engineering polymeric nanocapsules for an efficient drainage and biodistribution in the lymphatic system. <i>Journal of Drug Targeting</i> , 2019, 27, 646-658.	2.1	21
135	A novel low molecular weight nanocomposite hydrogel formulation for intra-tumoural delivery of anti-cancer drugs. <i>International Journal of Pharmaceutics</i> , 2019, 565, 151-161.	2.6	20
136	Using nanotechnology to deliver biomolecules from nose to brain – peptides, proteins, monoclonal antibodies and RNA. <i>Drug Delivery and Translational Research</i> , 2022, 12, 862-880.	3.0	20
137	In vivo evaluation of poly-L-asparagine nanocapsules as carriers for anti-cancer drug delivery. <i>International Journal of Pharmaceutics</i> , 2013, 458, 83-89.	2.6	19
138	Design of Polymeric Nanocapsules for Intranasal Vaccination against Mycobacterium Tuberculosis: Influence of the Polymeric Shell and Antigen Positioning. <i>Pharmaceutics</i> , 2020, 12, 489.	2.0	19
139	Polyarginine nanocapsules: A versatile nanocarrier with potential in transmucosal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 529, 474-485.	2.6	18
140	Natural and cross-inducible anti-SIV antibodies in Mauritian cynomolgus macaques. <i>PLoS ONE</i> , 2017, 12, e0186079.	1.1	18
141	Advanced nanomedicine characterization by DLS and AF4-UV-MALS: Application to a HIV nanovaccine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113017.	1.4	18
142	Nanomedicine: New Challenges and Opportunities in Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2008, 4, 276-292.	0.5	17
143	Synthetic nanocarriers for the delivery of polynucleotides to the eye. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 5-18.	1.9	17
144	Solvent-free protamine nanocapsules as carriers for mucosal delivery of therapeutics. <i>European Polymer Journal</i> , 2017, 93, 695-705.	2.6	17

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145	Biodistribution of radiolabeled polyglutamic acid and PEG-polyglutamic acid nanocapsules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 155-163.	2.0	17
146	Engineering Anisotropic Meniscus: Zonal Functionality and Spatiotemporal Drug Delivery. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 133-154.	2.5	17
147	Intracellular delivery of docetaxel using freeze-dried polysaccharide nanocapsules. <i>Journal of Microencapsulation</i> , 2013, 30, 181-188.	1.2	16
148	mRNA-activated matrices encoding transcription factors as primers of cell differentiation in tissue engineering. <i>Biomaterials</i> , 2020, 247, 120016.	5.7	16
149	Carboxymethyl- β -glucan/chitosan nanoparticles: new thermostable and efficient carriers for antigen delivery. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1689-1702.	3.0	16
150	Asymmetric flow field-flow fractionation as a multifunctional technique for the characterization of polymeric nanocarriers. <i>Drug Delivery and Translational Research</i> , 2021, 11, 373-395.	3.0	16
151	Microdialysis sampling to determine the pharmacokinetics of unbound SDZ ICM 567 in blood and brain in awake, freely-moving rats. <i>Pharmaceutical Research</i> , 1995, 12, 291-294.	1.7	15
152	A nanoemulsion/micelles mixed nanosystem for the oral administration of hydrophobically modified insulin. <i>Drug Delivery and Translational Research</i> , 2021, 11, 524-545.	3.0	15
153	Influence of the surface properties of nanocapsules on their interaction with intestinal barriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 203-213.	2.0	14
154	Sphingomyelin nanosystems loaded with uroguanylin and etoposide for treating metastatic colorectal cancer. <i>Scientific Reports</i> , 2021, 11, 17213.	1.6	14
155	Lymphatic Targeting of Nanosystems for Anticancer Drug Therapy. <i>Current Pharmaceutical Design</i> , 2016, 22, 1194-1209.	0.9	14
156	<i>In vivo</i> study of the tissue distribution and immunosuppressive response of cyclosporin a-loaded polyester micro- and nanospheres. <i>Drug Delivery</i> , 1995, 2, 21-28.	2.5	13
157	Selective interaction of PEGylated polyglutamic acid nanocapsules with cancer cells in a 3D model of a metastatic lymph node. <i>Journal of Nanobiotechnology</i> , 2016, 14, 51.	4.2	13
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