

JosÃ© L Pedraz Muñoz

List of Publications by Year in descending order

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305
papers

13,221
citations

25034

57
h-index

34986

98
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312
all docs

312
docs citations

312
times ranked

14540
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell encapsulation: Promise and progress. <i>Nature Medicine</i> , 2003, 9, 104-107.	30.7	546
2	Biomaterials for promoting brain protection, repair and regeneration. <i>Nature Reviews Neuroscience</i> , 2009, 10, 682-692.	10.2	378
3	History, challenges and perspectives of cell microencapsulation. <i>Trends in Biotechnology</i> , 2004, 22, 87-92.	9.3	333
4	Microcapsules and microcarriers for in situ cell delivery. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 711-730.	13.7	323
5	Cell microencapsulation technology: Towards clinical application. <i>Journal of Controlled Release</i> , 2008, 132, 76-83.	9.9	314
6	Biocompatibility of alginate-poly-L-lysine microcapsules for cell therapy. <i>Biomaterials</i> , 2006, 27, 3691-3700.	11.4	309
7	Biocompatibility of microcapsules for cell immobilization elaborated with different type of alginates. <i>Biomaterials</i> , 2002, 23, 3825-3831.	11.4	256
8	Size dependent immune response after subcutaneous, oral and intranasal administration of BSA loaded nanospheres. <i>Vaccine</i> , 2002, 21, 67-77.	3.8	255
9	Nanoparticle delivery systems for cancer therapy: advances in clinical and preclinical research. <i>Clinical and Translational Oncology</i> , 2012, 14, 83-93.	2.4	239
10	Advances in drug delivery systems (DDSs) to release growth factors for wound healing and skin regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1551-1573.	3.3	211
11	Drug delivery in biotechnology: present and future. <i>Current Opinion in Biotechnology</i> , 2003, 14, 659-664.	6.6	198
12	Multiscale requirements for bioencapsulation in medicine and biotechnology. <i>Biomaterials</i> , 2009, 30, 2559-2570.	11.4	198
13	Cell encapsulation: technical and clinical advances. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 537-546.	8.7	151
14	Novel nanofibrous dressings containing rhEGF and Aloe vera for wound healing applications. <i>International Journal of Pharmaceutics</i> , 2017, 523, 556-566.	5.2	145
15	A novel strategy for the treatment of chronic wounds based on the topical administration of rhEGF-loaded lipid nanoparticles: In vitro bioactivity and in vivo effectiveness in healing-impaired db/db mice. <i>Journal of Controlled Release</i> , 2014, 185, 51-61.	9.9	143
16	Graphene oxide and reduced graphene oxide-based scaffolds in regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119226.	5.2	143
17	The role of pH dynamics and the Na ⁺ /H ⁺ antiporter in the etiopathogenesis and treatment of cancer. Two faces of the same coin-one single nature. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2005, 1756, 1-24.	7.4	136
18	Chitosan coated nanostructured lipid carriers for brain delivery of proteins by intranasal administration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 304-313.	5.0	135

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19	A novel cationic niosome formulation for gene delivery to the retina. <i>Journal of Controlled Release</i> , 2014, 174, 27-36.	9.9	128
20	Cell microencapsulation technology for biomedical purposes: novel insights and challenges. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 207-210.	8.7	127
21	Novel advances in the design of three-dimensional bio-scaffolds to control cell fate: translation from 2D to 3D. <i>Trends in Biotechnology</i> , 2012, 30, 331-341.	9.3	121
22	The effect of encapsulated VEGF-secreting cells on brain amyloid load and behavioral impairment in a mouse model of Alzheimer's disease. <i>Biomaterials</i> , 2010, 31, 5608-5618.	11.4	114
23	Biocompatibility Evaluation of Different Alginates and Alginate-Based Microcapsules. <i>Biomacromolecules</i> , 2005, 6, 927-931.	5.4	109
24	Short- and long-term stability study of lyophilized solid lipid nanoparticles for gene therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 181-189.	4.3	109
25	Application of cell encapsulation for controlled delivery of biological therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2014, 67-68, 3-14.	13.7	100
26	The topical administration of rhEGF-loaded nanostructured lipid carriers (rhEGF-NLC) improves healing in a porcine full-thickness excisional wound model. <i>Journal of Controlled Release</i> , 2015, 197, 41-47.	9.9	100
27	Chemistry and the biological response against immunisolating alginate-chitosan polycation capsules of different composition. <i>Biomaterials</i> , 2006, 27, 4831-4839.	11.4	99
28	Solid lipid nanoparticles: Formulation factors affecting cell transfection capacity. <i>International Journal of Pharmaceutics</i> , 2007, 339, 261-268.	5.2	98
29	A proline-rich peptide improves cell transfection of solid lipid nanoparticle-based non-viral vectors. <i>Journal of Controlled Release</i> , 2009, 133, 52-59.	9.9	98
30	Survival of different cell lines in alginate-agarose microcapsules. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 18, 23-30.	4.0	95
31	Intranasal Administration of TAT-Conjugated Lipid Nanocarriers Loading GDNF for Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 145-155.	4.0	95
32	Bioactive cell-hydrogel microcapsules for cell-based drug delivery. <i>Journal of Controlled Release</i> , 2009, 135, 203-210.	9.9	94
33	Enhanced immune response after subcutaneous and oral immunization with biodegradable PLGA microspheres. <i>Journal of Controlled Release</i> , 1998, 56, 63-73.	9.9	93
34	Solid lipid nanoparticles for retinal gene therapy: Transfection and intracellular trafficking in RPE cells. <i>International Journal of Pharmaceutics</i> , 2008, 360, 177-183.	5.2	93
35	Progress of gelatin-based 3D approaches for bone regeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 63-74.	3.0	89
36	Techniques: New approaches to the delivery of biopharmaceuticals. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 382-387.	8.7	87

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37	Nanotherapeutic approaches for brain cancer management. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, e905-e919.	3.3	87
38	Recent advances in gelatin-based therapeutics. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 773-779.	3.1	85
39	Potent, long lasting systemic antibody levels and mixed Th1/Th2 immune response after nasal immunization with malaria antigen loaded PLGA microparticles. <i>Vaccine</i> , 2004, 22, 1423-1432.	3.8	83
40	Nanoparticle transport across in vitro olfactory cell monolayers. <i>International Journal of Pharmaceutics</i> , 2016, 499, 81-89.	5.2	81
41	Solid lipid nanoparticles as potential tools for gene therapy: In vivo protein expression after intravenous administration. <i>International Journal of Pharmaceutics</i> , 2010, 385, 157-162.	5.2	80
42	LL37 loaded nanostructured lipid carriers (NLC): A new strategy for the topical treatment of chronic wounds. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 310-316.	4.3	76
43	Therapeutic cell encapsulation: Ten steps towards clinical translation. <i>Journal of Controlled Release</i> , 2013, 170, 1-14.	9.9	75
44	Biomaterials in Cell Microencapsulation. <i>Advances in Experimental Medicine and Biology</i> , 2010, 670, 5-21.	1.6	73
45	On the employment of $\hat{\imath}$ -carrageenan in a matrix system. I. Sensitivity to dissolution medium and comparison with Na carboxymethylcellulose and xanthan gum. <i>Journal of Controlled Release</i> , 1993, 26, 119-127.	9.9	72
46	Long-Term Expression of Erythropoietin from Myoblasts Immobilized in Biocompatible and Neovascularized Microcapsules. <i>Molecular Therapy</i> , 2005, 12, 283-289.	8.2	70
47	Tendon tissue engineering: Cells, growth factors, scaffolds and production techniques. <i>Journal of Controlled Release</i> , 2021, 333, 448-486.	9.9	70
48	On the employment of $\hat{\imath}$ -carrageenan in a matrix system. II. $\hat{\imath}$ -Carrageenan and hydroxypropylmethylcellulose mixtures. <i>Journal of Controlled Release</i> , 1994, 30, 175-182.	9.9	69
49	Pulmonary drug delivery: a review on nanocarriers for antibacterial chemotherapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2945-2955.	3.0	68
50	Development and optimisation of alginate-PMCG-alginate microcapsules for cell immobilisation. <i>International Journal of Pharmaceutics</i> , 2003, 259, 57-68.	5.2	67
51	Beneficial effects of n-3 polyunsaturated fatty acids administration in a partial lesion model of Parkinson's disease: The role of glia and NRF2 regulation. <i>Neurobiology of Disease</i> , 2019, 121, 252-262.	4.4	67
52	Intranasal Administration of Chitosan-Coated Nanostructured Lipid Carriers Loaded with GDNF Improves Behavioral and Histological Recovery in a Partial Lesion Model of Parkinson's Disease. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 2220-2280.	1.1	65
53	Influence of Renal Function on the Pharmacokinetics of Piperacillin/Tazobactam in Intensive Care Unit Patients During Continuous Venovenous Hemofiltration. <i>Journal of Clinical Pharmacology</i> , 2005, 45, 168-176.	2.0	64
54	Long-term survival of encapsulated GDNF secreting cells implanted within the striatum of parkinsonized rats. <i>International Journal of Pharmaceutics</i> , 2007, 343, 69-78.	5.2	64

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55	Engineering a Clinically Translatable Bioartificial Pancreas to Treat Type I Diabetes. Trends in Biotechnology, 2018, 36, 445-456.	9.3	62
56	rhEGF-loaded PLGA-Alginate microspheres enhance the healing of full-thickness excisional wounds in diabetised Wistar rats. European Journal of Pharmaceutical Sciences, 2013, 50, 243-252.	4.0	61
57	Pulmonary delivery of tobramycin-loaded nanostructured lipid carriers for Pseudomonas aeruginosa infections associated with cystic fibrosis. International Journal of Pharmaceutics, 2016, 498, 263-273.	5.2	61
58	Encapsulated cell technology: from research to market. Trends in Biotechnology, 2002, 20, 382-387.	9.3	59
59	In Vitro Characterization and In Vivo Functionality of Erythropoietin-Secreting Cells Immobilized in Alginate~Poly-Lysine~Alginate Microcapsules. Biomacromolecules, 2007, 8, 3302-3307.	5.4	59
60	The influence of the polar head-group of synthetic cationic lipids on the transfection efficiency mediated by niosomes in rat retina and brain. Biomaterials, 2016, 77, 267-279.	11.4	59
61	Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery. Pharmaceutics, 2019, 11, 50.	4.5	59
62	In vivo administration of VEGF- and GDNF-releasing biodegradable polymeric microspheres in a severe lesion model of Parkinson's disease. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 1183-1190.	4.3	58
63	Tunable injectable alginate-based hydrogel for cell therapy in Type 1 Diabetes Mellitus. International Journal of Biological Macromolecules, 2018, 107, 1261-1269.	7.5	58
64	Comparative study of microcapsules elaborated with three polycations (PLL, PDL, PLO) for cell immobilization. Journal of Microencapsulation, 2005, 22, 303-315.	2.8	56
65	Population Pharmacokinetics of Meropenem in Critically Ill Patients Undergoing Continuous Renal Replacement Therapy. Clinical Pharmacokinetics, 2008, 47, 173-180.	3.5	56
66	VEGF-releasing biodegradable nanospheres administered by craniotomy: A novel therapeutic approach in the APP/Ps1 mouse model of Alzheimer's disease. Journal of Controlled Release, 2013, 170, 111-119.	9.9	56
67	Sodium colistimethate loaded lipid nanocarriers for the treatment of Pseudomonas aeruginosa infections associated with cystic fibrosis. International Journal of Pharmaceutics, 2014, 477, 485-494.	5.2	56
68	Review of Advanced Hydrogel-Based Cell Encapsulation Systems for Insulin Delivery in Type 1 Diabetes Mellitus. Pharmaceutics, 2019, 11, 597.	4.5	56
69	Biodegradable PLGA microspheres as a delivery system for malaria synthetic peptide SPf66. Vaccine, 2001, 19, 4445-4451.	3.8	55
70	Development and characterization of solid lipid nanoparticles loaded with magnetite. International Journal of Pharmaceutics, 2002, 233, 149-157.	5.2	55
71	Killing effect of nanoencapsulated colistin sulfate on Pseudomonas aeruginosa from cystic fibrosis patients. Journal of Cystic Fibrosis, 2016, 15, 611-618.	0.7	55
72	Stability of BSA encapsulated into PLGA microspheres using PAGE and capillary electrophoresis. International Journal of Pharmaceutics, 1998, 169, 45-54.	5.2	54

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73	An Overview on the Field of Micro- and Nanotechnologies for Synthetic Peptide-Based Vaccines. <i>Journal of Drug Delivery</i> , 2011, 2011, 1-18.	2.5	54
74	Retinal gene delivery enhancement by lycopene incorporation into cationic niosomes based on DOTMA and polysorbate 60. <i>Journal of Controlled Release</i> , 2017, 254, 55-64.	9.9	54
75	Cefepime and continuous renal replacement therapy (CRRT): In vitro permeability of two CRRT membranes and pharmacokinetics in four critically ill patients. <i>Clinical Therapeutics</i> , 2005, 27, 599-608.	2.5	52
76	Development and optimization of a novel sustained-release dextran tablet formulation for propranolol hydrochloride. <i>International Journal of Pharmaceutics</i> , 2006, 317, 32-39.	5.2	51
77	Remarkably high antibody levels and protection against <i>P. falciparum</i> malaria in Aotus monkeys after a single immunisation of SPf66 encapsulated in PLGA microspheres. <i>Vaccine</i> , 2002, 20, 1707-1710.	3.8	50
78	Meropenem and Continuous Renal Replacement Therapy: In Vitro Permeability of 2 Continuous Renal Replacement Therapy Membranes and Influence of Patient Renal Function on the Pharmacokinetics in Critically Ill Patients. <i>Journal of Clinical Pharmacology</i> , 2005, 45, 1294-1304.	2.0	50
79	Niosomes based on synthetic cationic lipids for gene delivery: the influence of polar head-groups on the transfection efficiency in HEK-293, ARPE-19 and MSC-D1 cells. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1068-1081.	2.8	50
80	Xenogeneic transplantation of erythropoietin-secreting cells immobilized in microcapsules using transient immunosuppression. <i>Journal of Controlled Release</i> , 2009, 137, 174-178.	9.9	49
81	Enhancing immunogenicity to PLGA microparticulate systems by incorporation of alginate and RGD-modified alginate. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 32-40.	4.0	48
82	Advances in the slow freezing cryopreservation of microencapsulated cells. <i>Journal of Controlled Release</i> , 2018, 281, 119-138.	9.9	48
83	Rheological behaviour of hydrophilic polymers and drug release from erodible matrices. <i>Journal of Controlled Release</i> , 1992, 18, 205-212.	9.9	47
84	In vivo evaluation of EPO-secreting cells immobilized in different alginate-PLL microcapsules. <i>Journal of Controlled Release</i> , 2006, 116, 28-34.	9.9	47
85	PHARMACOKINETICS AND DISTRIBUTION OF KETAMINE AFTER EXTRADURAL ADMINISTRATION TO DOGS. <i>British Journal of Anaesthesia</i> , 1991, 67, 310-316.	3.4	46
86	Cryopreservation based on freezing protocols for the long-term storage of microencapsulated myoblasts. <i>Biomaterials</i> , 2009, 30, 3495-3501.	11.4	46
87	Low molecular weight oligochitosans for non-viral retinal gene therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 131-140.	4.3	46
88	Low Molecular Weight Chitosan (LMWC)-based Polyplexes for pDNA Delivery: From Bench to Bedside. <i>Polymers</i> , 2014, 6, 1727-1755.	4.5	46
89	Enzymatic crosslinked gelatin 3D scaffolds for bone tissue engineering. <i>International Journal of Pharmaceutics</i> , 2019, 562, 151-161.	5.2	46
90	Immune response after oral administration of the encapsulated malaria synthetic peptide SPf66. <i>International Journal of Pharmaceutics</i> , 2003, 260, 273-282.	5.2	43

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91	Advanced nanovehicles for cancer management. <i>Drug Discovery Today</i> , 2014, 19, 1659-1670.	6.4	43
92	Biomaterial-based technologies for brain anti-cancer therapeutics and imaging. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 96-107.	7.4	42
93	Increased antiparkinson efficacy of the combined administration of VEGF- and GDNF-loaded nanospheres in a partial lesion model of Parkinson’s disease. <i>International Journal of Nanomedicine</i> , 2014, 9, 2677.	6.7	42
94	Influence of dose and immunization route on the serum Ig G antibody response to BSA loaded PLGA microspheres. <i>Vaccine</i> , 2002, 20, 2181-2190.	3.8	41
95	β -Irradiation effects on biopharmaceutical properties of PLGA microspheres loaded with SPf66 synthetic vaccine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 519-526.	4.3	41
96	Biphasic Hydrogels Integrating Mineralized and Anisotropic Features for Interfacial Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47771-47784.	8.0	40
97	Oral delivery of oleuropein-loaded lipid nanocarriers alleviates inflammation and oxidative stress in acute colitis. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119515.	5.2	40
98	A new oral vaccine candidate based on the microencapsulation by spray-drying of inactivated <i>Vibrio cholerae</i> . <i>Vaccine</i> , 2011, 29, 5758-5764.	3.8	39
99	Protamine/DNA/Niosome Ternary Nonviral Vectors for Gene Delivery to the Retina: The Role of Protamine. <i>Molecular Pharmaceutics</i> , 2015, 12, 3658-3671.	4.6	39
100	Non-viral vectors based on cationic niosomes and minicircle DNA technology enhance gene delivery efficiency for biomedical applications in retinal disorders. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 308-318.	3.3	39
101	Microencapsulation of an antiâ€VEâ€ cadherin antibody secreting 1B5 hybridoma cells. <i>Biotechnology and Bioengineering</i> , 2001, 76, 285-294.	3.3	38
102	Delivery of immunostimulatory monoclonal antibodies by encapsulated hybridoma cells. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1621-1631.	4.2	38
103	A preliminary approach to the repair of myocardial infarction using adipose tissue-derived stem cells encapsulated in magnetic resonance-labelled alginate microspheres in a porcine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 29-39.	4.3	38
104	Gene delivery to the rat retina by non-viral vectors based on chloroquine-containing cationic niosomes. <i>Journal of Controlled Release</i> , 2019, 304, 181-190.	9.9	38
105	Development, characterization and sterilisation of Nanocellulose-alginate-(hyaluronic acid)-biinks and 3D bioprinted scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2021, 126, 112160.	7.3	38
106	Combination of immune stimulating adjuvants with poly(lactide-co-glycolide) microspheres enhances the immune response of vaccines. <i>Vaccine</i> , 2012, 30, 589-596.	3.8	37
107	Adjuvant activity of polymer microparticles and Montanide ISA 720 on immune responses to <i>Plasmodium falciparum</i> MSP2 long synthetic peptides in mice. <i>Vaccine</i> , 2007, 25, 877-885.	3.8	36
108	Optimization of 100 μ m alginate-poly-L-lysine-alginate capsules for intravitreal administration. <i>Journal of Controlled Release</i> , 2012, 158, 443-450.	9.9	36

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109	Ultra thin hydro-films based on lactose-crosslinked fish gelatin for wound healing applications. <i>International Journal of Pharmaceutics</i> , 2017, 530, 455-467.	5.2	36
110	Stem cell-based gene delivery mediated by cationic niosomes for bone regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 521-531.	3.3	36
111	Encapsulation of Oleuropein in Nanostructured Lipid Carriers: Biocompatibility and Antioxidant Efficacy in Lung Epithelial Cells. <i>Pharmaceutics</i> , 2020, 12, 429.	4.5	36
112	Hydrogen ion dynamics and the Na ⁺ /H ⁺ exchanger in cancer angiogenesis and antiangiogenesis. <i>British Journal of Cancer</i> , 2003, 89, 1395-1399.	6.4	35
113	Malaria Vaccine Adjuvants: Latest Update and Challenges in Preclinical and Clinical Research. <i>BioMed Research International</i> , 2013, 2013, 1-19.	1.9	35
114	Advances in nanomedicine for the treatment of Alzheimer's and Parkinson's diseases. <i>Nanomedicine</i> , 2016, 11, 1267-1285.	3.3	35
115	iPSC-Derived Intestinal Organoids from Cystic Fibrosis Patients Acquire CFTR Activity upon TALEN-Mediated Repair of the p.F508del Mutation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 858-870.	4.1	35
116	Graphene oxide increases the viability of C2C12 myoblasts microencapsulated in alginate. <i>International Journal of Pharmaceutics</i> , 2015, 493, 260-270.	5.2	34
117	The role of helper lipids in the intracellular disposition and transfection efficiency of niosome formulations for gene delivery to retinal pigment epithelial cells. <i>International Journal of Pharmaceutics</i> , 2016, 503, 115-126.	5.2	34
118	Hyaluronic acid enhances cell survival of encapsulated insulin-producing cells in alginate-based microcapsules. <i>International Journal of Pharmaceutics</i> , 2019, 557, 192-198.	5.2	34
119	Niosome-Based Approach for In Situ Gene Delivery to Retina and Brain Cortex as Immune-Privileged Tissues. <i>Pharmaceutics</i> , 2020, 12, 198.	4.5	34
120	Design of a composite drug delivery system to prolong functionality of cell-based scaffolds. <i>International Journal of Pharmaceutics</i> , 2011, 407, 142-150.	5.2	32
121	Cryopreservation of microencapsulated murine mesenchymal stem cells genetically engineered to secrete erythropoietin. <i>International Journal of Pharmaceutics</i> , 2015, 485, 15-24.	5.2	32
122	Oligochitosan polyplexes as carriers for retinal gene delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 323-331.	4.0	31
123	Advances in cell encapsulation technology and its application in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1251-1267.	5.0	31
124	Cell microencapsulation technologies for sustained drug delivery: Latest advances in efficacy and biosafety. <i>Journal of Controlled Release</i> , 2021, 335, 619-636.	9.9	31
125	Determination of ceftazidime and cefepime in plasma and dialysate-ultrafiltrate from patients undergoing continuous veno-venous hemodiafiltration by HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 996-1005.	2.8	30
126	Encapsulated VEGF-Secreting Cells Enhance Proliferation of Neuronal Progenitors in the Hippocampus of A β 2PP/Ps1 Mice. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 187-200.	2.6	30

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127	Design and evaluation of surface and adjuvant modified PLGA microspheres for uptake by dendritic cells to improve vaccine responses. <i>International Journal of Pharmaceutics</i> , 2015, 496, 371-381.	5.2	30
128	Cell microencapsulation technology: Current vision of its therapeutic potential through the administration routes. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 49-62.	3.0	30
129	Benznidazole Nanoformulates: A Chance to Improve Therapeutics for Chagas Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1469-1476.	1.4	30
130	Non-viral vectors based on cationic niosomes as efficient gene delivery vehicles to central nervous system cells into the brain. <i>International Journal of Pharmaceutics</i> , 2018, 552, 48-55.	5.2	30
131	Towards Green Nanoscience: From extraction to nanoformulation. <i>Biotechnology Advances</i> , 2021, 46, 107657.	11.7	30
132	Improvement of the monitoring and biosafety of encapsulated cells using the SFGNESTGL triple reporter system. <i>Journal of Controlled Release</i> , 2010, 146, 93-98.	9.9	29
133	Multifunctional hydrogel-based scaffold for improving the functionality of encapsulated therapeutic cells and reducing inflammatory response. <i>Acta Biomaterialia</i> , 2014, 10, 4206-4216.	8.3	29
134	Development and in vitro evaluation of lipid nanoparticle-based dressings for topical treatment of chronic wounds. <i>International Journal of Pharmaceutics</i> , 2015, 490, 404-411.	5.2	29
135	Hyaluronic acid hydrogel scaffolds loaded with cationic niosomes for efficient non-viral gene delivery. <i>RSC Advances</i> , 2018, 8, 31934-31942.	3.6	29
136	Current Insights into 3D Bioprinting: An Advanced Approach for Eye Tissue Regeneration. <i>Pharmaceutics</i> , 2021, 13, 308.	4.5	29
137	How Far Are Non-Viral Vectors to Come of Age and Reach Clinical Translation in Gene Therapy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7545.	4.1	29
138	PHARMACOKINETICS OF RECTAL KETAMINE IN CHILDREN. <i>British Journal of Anaesthesia</i> , 1989, 63, 671-674.	3.4	28
139	Enhancing Immunogenicity and Reducing Dose of Microparticulated Synthetic Vaccines: Single Intradermal Administration. <i>Pharmaceutical Research</i> , 2004, 21, 121-126.	3.5	28
140	Enduring high-efficiency in vivo transfection of neurons with non-viral magnetoparticles in the rat visual cortex for optogenetic applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 835-843.	3.3	28
141	Nanotechnology-based delivery systems to release growth factors and other endogenous molecules for chronic wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 2-17.	3.0	28
142	Alginate Microcapsules Incorporating Hyaluronic Acid Recreate Closer <i>in Vivo</i> Environment for Mesenchymal Stem Cells. <i>Molecular Pharmaceutics</i> , 2017, 14, 2390-2399.	4.6	28
143	Polysorbate 20 non-ionic surfactant enhances retinal gene delivery efficiency of cationic niosomes after intravitreal and subretinal administration. <i>International Journal of Pharmaceutics</i> , 2018, 550, 388-397.	5.2	28
144	Interspecies scaling of cimetidine-theophylline pharmacokinetic interaction: interspecies scaling in pharmacokinetic interactions. <i>Pharmaceutical Research</i> , 1994, 11, 945-950.	3.5	27

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145	Determination of salbutamol enantiomers by high-performance capillary electrophoresis and its application to dissolution assays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 16, 357-366.	2.8	27
146	Synthesis and in Vitro Anti-Mycobacterium Activity of N-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecarbothioamides. Preliminary Toxicity and Pharmacokinetic Evaluation. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 199-204.	6.4	27
147	In vitro AN69 and Polysulphone Membrane Permeability to Ceftazidime and in vivo Pharmacokinetics during Continuous Renal Replacement Therapies. <i>Chemotherapy</i> , 2007, 53, 194-201.	1.6	27
148	The state-of-the-art of approved and under-development cholera vaccines. <i>Vaccine</i> , 2013, 31, 4069-4078.	3.8	27
149	An approach to a cold chain free oral cholera vaccine: in vitro and in vivo characterization of <i>Vibrio cholerae</i> gastro-resistant microparticles. <i>International Journal of Pharmaceutics</i> , 2013, 448, 247-258.	5.2	27
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