

# Juan M Irache

## List of Publications by Year in descending order

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394  
papers

16,649  
citations

13865

67  
h-index

30087

103  
g-index

410  
all docs

410  
docs citations

410  
times ranked

18420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	14.6	976
2	Specific and non-specific bioadhesive particulate systems for oral delivery to the gastrointestinal tract. Advanced Drug Delivery Reviews, 1998, 34, 191-219.	13.7	398
3	Overcoming drug-resistant lung cancer by paclitaxel loaded dual-functional liposomes with mitochondria targeting and pH-response. Biomaterials, 2015, 52, 126-139.	11.4	261
4	Mannose-targeted systems for the delivery of therapeutics. Expert Opinion on Drug Delivery, 2008, 5, 703-724.	5.0	255
5	Ganciclovir-loaded albumin nanoparticles: characterization and in vitro release properties. European Journal of Pharmaceutical Sciences, 2001, 12, 251-259.	4.0	201
6	Amphiphilic peptide dendritic copolymer-doxorubicin nanoscale conjugate self-assembled to enzyme-responsive anti-cancer agent. Biomaterials, 2014, 35, 9529-9545.	11.4	192
7	Gliadin nanoparticles for the controlled release of all-trans-retinoic acid. International Journal of Pharmaceutics, 1996, 131, 191-200.	5.2	181
8	Casein nanoparticles as carriers for the oral delivery of folic acid. Food Hydrocolloids, 2015, 44, 399-406.	10.7	174
9	Arginine functionalized peptide dendrimers as potential gene delivery vehicles. Biomaterials, 2012, 33, 4917-4927.	11.4	160
10	Zein-Based Nanoparticles Improve the Oral Bioavailability of Resveratrol and Its Anti-inflammatory Effects in a Mouse Model of Endotoxic Shock. Journal of Agricultural and Food Chemistry, 2015, 63, 5603-5611.	5.2	158
11	Enzyme-Sensitive and Amphiphilic PEGylated Dendrimer-Paclitaxel Prodrug-Based Nanoparticles for Enhanced Stability and Anticancer Efficacy. ACS Applied Materials & Interfaces, 2017, 9, 6865-6877.	8.0	148
12	Increased oral bioavailability of paclitaxel by its encapsulation through complex formation with cyclodextrins in poly(anhydride) nanoparticles. Journal of Controlled Release, 2010, 145, 2-8.	9.9	144
13	Immunogenic Cell Death Activates the Tumor Immune Microenvironment to Boost the Immunotherapy Efficiency. Advanced Science, 2022, 9, .	11.2	140
14	Pegylated nanoparticles based on poly(methyl vinyl ether-co-maleic anhydride): preparation and evaluation of their bioadhesive properties. European Journal of Pharmaceutical Sciences, 2005, 24, 411-419.	4.0	134
15	Combined hydroxypropyl- $\beta$ -cyclodextrin and poly(anhydride) nanoparticles improve the oral permeability of paclitaxel. European Journal of Pharmaceutical Sciences, 2009, 38, 405-413.	4.0	132
16	Ocular disposition and tolerance of ganciclovir-loaded albumin nanoparticles after intravitreal injection in rats. Biomaterials, 2002, 23, 1587-1594.	11.4	127
17	Dendrimer- $\alpha$ -doxorubicin conjugate as enzyme-sensitive and polymeric nanoscale drug delivery vehicle for ovarian cancer therapy. Polymer Chemistry, 2014, 5, 5227-5235.	3.9	127
18	Enzyme-responsive peptide dendrimer-gemcitabine conjugate as a controlled-release drug delivery vehicle with enhanced antitumor efficacy. Acta Biomaterialia, 2017, 55, 153-162.	8.3	127

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19	Recent advances in development of dendritic <sc>polymer-based</sc> nanomedicines for cancer diagnosis. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1670.	6.1	127
20	In vitro phagocytosis and monocyte-macrophage activation with poly(lactide) and poly(lactide-co-glycolide) microspheres. European Journal of Pharmaceutical Sciences, 2002, 15, 197-207.	4.0	126
21	Terminal modification of polymeric micelles with Ñ-conjugated moieties for efficient anticancer drug delivery. Biomaterials, 2015, 71, 1-10.	11.4	125
22	Gliadin nanoparticles as carriers for the oral administration of lipophilic drugs. Relationships between bioadhesion and pharmacokinetics. Pharmaceutical Research, 2001, 18, 1521-1527.	3.5	122
23	Gantrez® AN as a new polymer for the preparation of ligand-nanoparticle conjugates. Journal of Controlled Release, 2002, 83, 321-330.	9.9	120
24	Influence of the surface characteristics of PVM/MA nanoparticles on their bioadhesive properties. Journal of Controlled Release, 2003, 89, 19-30.	9.9	120
25	Bioadhesive potential of gliadin nanoparticulate systems. European Journal of Pharmaceutical Sciences, 2000, 11, 333-341.	4.0	119
26	Tumor-Specific Multiple Stimuli-Activated Dendrimeric Nanoassemblies with Metabolic Blockade Surmount Chemotherapy Resistance. ACS Nano, 2017, 11, 416-429.	14.6	118
27	Increased Oral Bioavailability of Resveratrol by Its Encapsulation in Casein Nanoparticles. International Journal of Molecular Sciences, 2018, 19, 2816.	4.1	118
28	Gentamicin encapsulation in PLA/PLGA microspheres in view of treating Brucella infections. International Journal of Pharmaceutics, 2000, 196, 115-125.	5.2	117
29	Nanomedicine: Novel approaches in human and veterinary therapeutics. Veterinary Parasitology, 2011, 180, 47-71.	1.8	114
30	Peptide dendrimers as efficient and biocompatible gene delivery vectors: Synthesis and in vitro characterization. Journal of Controlled Release, 2011, 155, 77-87.	9.9	111
31	Oral administration of paclitaxel with pegylated poly(anhydride) nanoparticles: Permeability and pharmacokinetic study. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 514-523.	4.3	110
32	Albumin Nanoparticles for the Intravitreal Delivery of Anticytomegaloviral Drugs. Mini-Reviews in Medicinal Chemistry, 2005, 5, 293-305.	2.4	109
33	Disorganization of white matter architecture in major depressive disorder: a meta-analysis of diffusion tensor imaging with tract-based spatial statistics. Scientific Reports, 2016, 6, 21825.	3.3	109
34	PDT-Driven Highly Efficient Intracellular Delivery and Controlled Release of CO in Combination with Sufficient Singlet Oxygen Production for Synergistic Anticancer Therapy. Advanced Functional Materials, 2018, 28, 1804324.	14.9	108
35	Poly(Anhydride) Nanoparticles Act as Active Th1 Adjuvants through Toll-Like Receptor Exploitation. Vaccine Journal, 2010, 17, 1356-1362.	3.1	107
36	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of Alzheimer's disease. International Journal of Pharmaceutics, 2017, 517, 50-57.	5.2	106

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37	Zein nanoparticles for oral delivery of quercetin: Pharmacokinetic studies and preventive anti-inflammatory effects in a mouse model of endotoxemia. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 103-110.	3.3	106
38	Liposome encapsulated Disulfiram inhibits NF $\kappa$ B pathway and targets breast cancer stem cells in vitro and in vivo. <i>Oncotarget</i> , 2014, 5, 7471-7485.	1.8	103
39	Virion-Like Membrane-Breaking Nanoparticles with Tumor-Activated Cell and Tissue Dual Penetration Conquer Impermeable Cancer. <i>Advanced Materials</i> , 2018, 30, e1707240.	21.0	102
40	Immunoadjuvant capacity of flagellin and mannosamine-coated poly(anhydride) nanoparticles in oral vaccination. <i>Vaccine</i> , 2009, 27, 4784-4790.	3.8	99
41	Bioreducible Fluorinated Peptide Dendrimers Capable of Circumventing Various Physiological Barriers for Highly Efficient and Safe Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 5821-5832.	8.0	99
42	Albumin nanoparticles as carriers for a phosphodiester oligonucleotide. <i>International Journal of Pharmaceutics</i> , 2002, 244, 59-72.	5.2	94
43	Protein Corona of Magnetic Hydroxyapatite Scaffold Improves Cell Proliferation via Activation of Mitogen-Activated Protein Kinase Signaling Pathway. <i>ACS Nano</i> , 2017, 11, 3690-3704.	14.6	94
44	Stimuli-responsive polymer-doxorubicin conjugate: Antitumor mechanism and potential as nano-prodrug. <i>Acta Biomaterialia</i> , 2019, 84, 339-355.	8.3	94
45	Quantification of the bioadhesive properties of protein-coated PVM/MA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2002, 242, 129-136.	5.2	89
46	In Vitro Antileishmanial Activity of Amphotericin B Loaded in Poly( $\epsilon$ -Caprolactone) Nanospheres. <i>Journal of Drug Targeting</i> , 2002, 10, 593-599.	4.4	87
47	In vivo study of the mucus-permeating properties of PEG-coated nanoparticles following oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 280-289.	4.3	87
48	Stabilized micelles as delivery vehicles for paclitaxel. <i>International Journal of Pharmaceutics</i> , 2012, 436, 258-264.	5.2	84
49	PEGylated dendritic diaminocyclohexyl-platinum (II) conjugates as pH-responsive drug delivery vehicles with enhanced tumor accumulation and antitumor efficacy. <i>Biomaterials</i> , 2014, 35, 10080-10092.	11.4	81
50	Soybean protein-based microparticles for oral delivery of probiotics with improved stability during storage and gut resistance. <i>Food Chemistry</i> , 2018, 239, 879-888.	8.2	80
51	Dendronized Polymer Disturbing Cells' Stress Protection by Targeting Metabolism Leads to Tumor Vulnerability. <i>Advanced Materials</i> , 2020, 32, e1907490.	21.0	80
52	Salmonella-like bioadhesive nanoparticles. <i>Journal of Controlled Release</i> , 2005, 106, 1-13.	9.9	79
53	Stimuli-responsive polymeric prodrug-based nanomedicine delivering nifuroxazide and doxorubicin against primary breast cancer and pulmonary metastasis. <i>Journal of Controlled Release</i> , 2020, 318, 124-135.	9.9	79
54	Zein nanoparticles for oral folic acid delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 450-457.	3.0	77

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55	Tunable Hydrophile-Lipophile Balance for Manipulating Structural Stability and Tumor Retention of Amphiphilic Nanoparticles. <i>Advanced Materials</i> , 2019, 31, e1901586.	21.0	76
56	Preparation of Ulex europaeus lectin-gliadin nanoparticle conjugates and their interaction with gastrointestinal mucus. <i>International Journal of Pharmaceutics</i> , 1999, 191, 25-32.	5.2	75
57	Mucosal immunization with <i>Shigella flexneri</i> outer membrane vesicles induced protection in mice. <i>Vaccine</i> , 2011, 29, 8222-8229.	3.8	74
58	Virus-Inspired Mimics Based on Dendritic Lipopeptides for Efficient Tumor-Specific Infection and Systemic Drug Delivery. <i>Advanced Functional Materials</i> , 2015, 25, 5250-5260.	14.9	74
59	Polysaccharide-based nanomedicines for cancer immunotherapy: A review. <i>Bioactive Materials</i> , 2021, 6, 3358-3382.	15.6	74
60	Surface-engineered nanogel assemblies with integrated blood compatibility, cell proliferation and antibacterial property: towards multifunctional biomedical membranes. <i>Polymer Chemistry</i> , 2014, 5, 5906-5919.	3.9	73
61	Cathepsin B-responsive and gadolinium-labeled branched glycopolymer-PTX conjugate-derived nanotheranostics for cancer treatment. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 544-559.	12.0	73
62	GSH-sensitive polymeric prodrug: Synthesis and loading with photosensitizers as nanoscale chemo-photodynamic anti-cancer nanomedicine. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 424-436.	12.0	72
63	Poly( $\mu$ -caprolacton) nanospheres as an alternative way to reduce amphotericin B toxicity. <i>International Journal of Pharmaceutics</i> , 1997, 158, 19-27.	5.2	71
64	Thermosensitive hydrogels of poly(methyl vinyl ether-co-maleic anhydride) - Pluronic® F127 copolymers for controlled protein release. <i>International Journal of Pharmaceutics</i> , 2014, 459, 1-9.	5.2	71
65	Gantrez® AN nanoparticles as an adjuvant for oral immunotherapy with allergens. <i>Vaccine</i> , 2007, 25, 5263-5271.	3.8	68
66	Evaluation of Bioadhesive Capacity and Immunoadjuvant Properties of Vitamin B12-Gantrez Nanoparticles. <i>Pharmaceutical Research</i> , 2008, 25, 2859-2868.	3.5	68
67	Bioadhesive properties and biodistribution of cyclodextrin-poly(anhydride) nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 231-240.	4.0	68
68	Supramolecular PEGylated Dendritic Systems as pH/Redox Dual-Responsive Theranostic Nanoplatforms for Platinum Drug Delivery and NIR Imaging. <i>Theranostics</i> , 2016, 6, 1293-1305.	10.0	68
69	Poly lactic-co-glycolic acid controlled delivery of disulfiram to target liver cancer stem-like cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 641-657.	3.3	68
70	Nanoparticles with specific bioadhesive properties to circumvent the pre-systemic degradation of fluorinated pyrimidines. <i>Journal of Controlled Release</i> , 2004, 96, 55-65.	9.9	66
71	Bioadhesive properties of pegylated nanoparticles. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 205-218.	5.0	66
72	Stimuli-Sensitive Biodegradable and Amphiphilic Block Copolymer-Gemcitabine Conjugates Self-Assemble into a Nanoscale Vehicle for Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 3474-3486.	8.0	65

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73	Enhanced anticancer efficacy of paclitaxel through multistage tumor-targeting liposomes modified with RGD and KLA peptides. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1517-1537.	6.7	65
74	Tumor microenvironment-responsive PEGylated heparin-pyropheophorbide-a nanoconjugates for photodynamic therapy. <i>Carbohydrate Polymers</i> , 2021, 255, 117490.	10.2	65
75	Albumin nanoparticles improved the stability, nuclear accumulation and anticytomegaloviral activity of a phosphodiester oligonucleotide. <i>Journal of Controlled Release</i> , 2004, 94, 217-227.	9.9	64
76	Protein-based nanoparticles for drug delivery purposes. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119289.	5.2	64
77	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. <i>Exploration</i> , 2021, 1, 21-34.	11.0	64
78	Drug release of pH-sensitive poly(L-aspartate)-b-poly(ethylene glycol) micelles with POSS cores. <i>Polymer Chemistry</i> , 2014, 5, 463-470.	3.9	63
79	Enhanced chemo-photodynamic therapy of an enzyme-responsive prodrug in bladder cancer patient-derived xenograft models. <i>Biomaterials</i> , 2021, 277, 121061.	11.4	62
80	Bioadhesion of lectin-latex conjugates to rat intestinal mucosa. <i>Pharmaceutical Research</i> , 1996, 13, 1716-1719.	3.5	61
81	Functionalization of magnetic nanoparticles with peptide dendrimers. <i>Journal of Materials Chemistry</i> , 2011, 21, 5464.	6.7	61
82	Nanoparticle-based vaccine for mucosal protection against <i>Shigella flexneri</i> in mice. <i>Vaccine</i> , 2013, 31, 3288-3294.	3.8	61
83	Cellular internalization of doxorubicin loaded star-shaped micelles with hydrophilic zwitterionic sulfobetaine segments. <i>Biomaterials</i> , 2014, 35, 4517-4524.	11.4	61
84	Bioadhesive Properties of Gantrez Nanoparticles. <i>Molecules</i> , 2005, 10, 126-145.	3.8	60
85	Branched Polymer-Based Redox/Enzyme-Activatable Photodynamic Nanoagent to Trigger STING-Dependent Immune Responses for Enhanced Therapeutic Effect. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	59
86	Preparation and characterization of lectin-latex conjugates for specific bioadhesion. <i>Biomaterials</i> , 1994, 15, 899-904.	11.4	58
87	Protection from <i>Staphylococcus aureus</i> mastitis associated with poly-N-acetyl $\beta$ -1,6 glucosamine specific antibody production using biofilm-embedded bacteria. <i>Vaccine</i> , 2009, 27, 2379-2386.	3.8	58
88	Functional and biodegradable dendritic macromolecules with controlled architectures as nontoxic and efficient nanoscale gene vectors. <i>Biotechnology Advances</i> , 2014, 32, 818-830.	11.7	58
89	Casein nanoparticles in combination with 2-hydroxypropyl- $\beta$ -cyclodextrin improves the oral bioavailability of quercetin. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118652.	5.2	58
90	Glycodendron/pyropheophorbide-a (Ppa)-functionalized hyaluronic acid as a nanosystem for tumor photodynamic therapy. <i>Carbohydrate Polymers</i> , 2020, 247, 116749.	10.2	58

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91	Polymeric carriers for amphotericin B: in vitro activity, toxicity and therapeutic efficacy against systemic candidiasis in neutropenic mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 419-427.	3.0	57
92	Polymeric micelles with citraconic amide as pH-sensitive bond in backbone for anticancer drug delivery. <i>International Journal of Pharmaceutics</i> , 2014, 471, 28-36.	5.2	57
93	pH-Triggered Pinpointed Cascading Charge Conversion and Redox-Controlled Gene Release Design: Modularized Fabrication for Nonviral Gene Transfection. <i>Advanced Functional Materials</i> , 2017, 27, 1701571.	14.9	57
94	Leveraging disulfiram to treat cancer: Mechanisms of action, delivery strategies, and treatment regimens. <i>Biomaterials</i> , 2022, 281, 121335.	11.4	57
95	Optimization and in vitro stability of legumin nanoparticles obtained by a coacervation method. <i>International Journal of Pharmaceutics</i> , 1995, 126, 103-109.	5.2	56
96	Evaluation of bioadhesive potential and intestinal transport of pegylated poly(anhydride) nanoparticles. <i>International Journal of Pharmaceutics</i> , 2007, 334, 156-165.	5.2	56
97	Poly(methyl vinyl ether-co-maleic anhydride) nanoparticles as innate immune system activators. <i>Vaccine</i> , 2011, 29, 7130-7135.	3.8	56
98	Superparamagnetic nano-composite scaffolds for promoting bone cell proliferation and defect repair without a magnetic field. <i>RSC Advances</i> , 2012, 2, 13007.	3.6	56
99	Nanoparticles generated by PEG-Chrysin conjugates for efficient anticancer drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 454-460.	4.3	56
100	Intrinsic disruption of white matter microarchitecture in first-episode, drug-naive major depressive disorder: A voxel-based meta-analysis of diffusion tensor imaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 179-187.	4.8	56
101	Gadolinium-Labeled Biodegradable Dendron-Hyaluronic Acid Hybrid and Its Subsequent Application as a Safe and Efficient Magnetic Resonance Imaging Contrast Agent. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23508-23519.	8.0	56
102	Human serum albumin nanoparticles for ocular delivery of bevacizumab. <i>International Journal of Pharmaceutics</i> , 2018, 541, 214-223.	5.2	56
103	Nanoparticulate Adjuvants and Delivery Systems for Allergen Immunotherapy. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-13.	3.0	55
104	Bioadhesive Mannosylated Nanoparticles for Oral Drug Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3203-3209.	0.9	54
105	Preparation and evaluation of PEG-coated zein nanoparticles for oral drug delivery purposes. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120287.	5.2	54
106	Bioadhesive capacity and immunoadjuvant properties of thiamine-coated nanoparticles. <i>Vaccine</i> , 2007, 25, 8123-8132.	3.8	53
107	An HPLC with evaporative light scattering detection method for the quantification of PEGs and Gantrez in PEGylated nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1072-1078.	2.8	52
108	Assessment of Î²-lapachone loaded in lecithin-chitosan nanoparticles for the topical treatment of cutaneous leishmaniasis in L. major infected BALB/c mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 2003-2012.	3.3	49

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109	In vitro study of lectin-latex conjugates for specific bioadhesion. <i>Journal of Controlled Release</i> , 1994, 31, 181-188.	9.9	48
110	Protective immunity of biodegradable nanoparticle-based vaccine against an experimental challenge with <i>Salmonella Enteritidis</i> in mice. <i>Vaccine</i> , 2007, 25, 4410-4419.	3.8	47
111	New-generation biomedical materials: Peptide dendrimers and their application in biomedicine. <i>Science China Chemistry</i> , 2010, 53, 458-478.	8.2	47
112	Components Simulation of Viral Envelope via Amino Acid Modified Chitosans for Efficient Nucleic Acid Delivery: In Vitro and In Vivo Study. <i>Advanced Functional Materials</i> , 2013, 23, 2691-2699.	14.9	47
113	pH-Responsive magnetic metal-organic framework nanocomposites for selective capture and release of glycoproteins. <i>Nanoscale</i> , 2017, 9, 527-532.	5.6	47
114	Mucoadhesion of latexes. II. Adsorption isotherms and desorption studies. <i>Pharmaceutical Research</i> , 1994, 11, 680-683.	3.5	46
115	Development of microparticles prepared by spray-drying as a vaccine delivery system against brucellosis. <i>International Journal of Pharmaceutics</i> , 2002, 242, 341-344.	5.2	46
116	Detachable Polyzwitterion-Coated Ternary Nanoparticles Based on Peptide Dendritic Carbon Dots for Efficient Drug Delivery in Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43923-43935.	8.0	46
117	Advances in nanomedicines for diagnosis of central nervous system disorders. <i>Biomaterials</i> , 2021, 269, 120492.	11.4	46
118	A <i>Brucella ovis</i> antigenic complex bearing poly- $\epsilon$ -caprolactone microparticles confer protection against experimental brucellosis in mice. <i>Vaccine</i> , 2001, 19, 4099-4106.	3.8	45
119	Co-encapsulation of an antigen and CpG oligonucleotides into PLGA microparticles by TROMS technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 98-108.	4.3	45
120	Recent progress towards development of a <i>Shigella</i> vaccine. <i>Expert Review of Vaccines</i> , 2013, 12, 43-55.	4.4	45
121	Biodegradable polymeric nanoparticles based on amphiphilic principle: construction and application in drug delivery. <i>Science China Chemistry</i> , 2014, 57, 461-475.	8.2	45
122	Zn and Sr incorporated 64S bioglasses: Material characterization, in-vitro bioactivity and mesenchymal stem cell responses. <i>Materials Science and Engineering C</i> , 2015, 52, 242-250.	7.3	45
123	Optimization and evaluation of zein nanoparticles to improve the oral delivery of glibenclamide. In vivo study using <i>C. elegans</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 121, 104-112.	4.3	44
124	Gentamicin-loaded microspheres for reducing the intracellular <i>Brucella abortus</i> load in infected monocytes. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 981-988.	3.0	43
125	Fluconazole encapsulation in PLGA microspheres by spray-drying. <i>Journal of Microencapsulation</i> , 2004, 21, 203-211.	2.8	43
126	Development of a Novel Vaccine Delivery System Based on Gantrez Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3283-3289.	0.9	43



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127	Stimuli-sensitive Linear Dendritic Block Copolymer Drug Prodrug as a Nanoplatfor for Tumor Combination Therapy. <i>Advanced Materials</i> , 2022, 34, e2108049.	21.0	43
128	Innovative Lead Compounds and Formulation Strategies As Newer Kinetoplastid Therapies. <i>Current Medicinal Chemistry</i> , 2012, 19, 4259-4288.	2.4	42
129	Abnormal dynamic functional connectivity of amygdalar subregions in untreated patients with first-episode major depressive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 262-272.	2.4	42
130	Synergistic Therapy of a Naturally Inspired Glycopolymer-Based Biomimetic Nanomedicine Harnessing Tumor Genomic Instability. <i>Advanced Materials</i> , 2021, 33, e2104594.	21.0	42
131	Loading of plasmid DNA into PLGA microparticles using TROMS (Total Recirculation One-Machine) Tj ETQq1 1 0.784314 rgBT /Overlook 2003, 86, 123-130.	9.9	41
132	PLGA nanoparticles loaded with KMP-11 stimulate innate immunity and induce the killing of Leishmania. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 985-995.	3.3	41
133	Bioinspired Artificial Tobacco Mosaic Virus with Combined Oncolytic Properties to Completely Destroy Multidrug-Resistant Cancer. <i>Advanced Materials</i> , 2020, 32, e1904958.	21.0	41
134	Cationic lipid-coated PEI/DNA polyplexes with improved efficiency and reduced cytotoxicity for gene delivery into mesenchymal stem cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 4637.	6.7	40
135	Development of a sensitive method for the determination of ganciclovir by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000, 870, 159-167.	3.7	39
136	Amikacin loaded PLGA nanoparticles against <i>Pseudomonas aeruginosa</i> . <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 392-398.	4.0	39
137	Modulation of the cellular immune response after oral or subcutaneous immunization with microparticles containing <i>Brucella ovis</i> antigens. <i>Journal of Controlled Release</i> , 2002, 85, 237-246.	9.9	38
138	<i>Brucella</i> outer membrane complex-loaded microparticles as a vaccine against <i>Brucella ovis</i> in rams. <i>Vaccine</i> , 2006, 24, 1897-1905.	3.8	38
139	Cyclodextrin-poly(anhydride) nanoparticles as new vehicles for oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 721-734.	5.0	38
140	Nanoparticles as multifunctional devices for the topical treatment of cutaneous leishmaniasis. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 579-597.	5.0	38
141	Oral delivery of camptothecin using cyclodextrin/poly(anhydride) nanoparticles. <i>International Journal of Pharmaceutics</i> , 2016, 506, 116-128.	5.2	38
142	Nanoparticle based-immunotherapy against allergy. <i>Immunotherapy</i> , 2014, 6, 885-897.	2.0	37
143	Tetraphenylethylene-Induced Cross-Linked Vesicles with Tunable Luminescence and Controllable Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29030-29037.	8.0	37
144	Mucoadhesion of latexes. I. Analytical methods and kinetic studies. <i>Pharmaceutical Research</i> , 1994, 11, 674-679.	3.5	36

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145	Adaptive Immune Responses of Legumin Nanoparticles. <i>Journal of Drug Targeting</i> , 2002, 10, 625-631.	4.4	36
146	A novel nanoparticulate adjuvant for immunotherapy with <i>Lolium perenne</i> . <i>Journal of Immunological Methods</i> , 2009, 348, 1-8.	1.4	36
147	Conjunctival vaccination against <i>Brucella ovis</i> in mice with mannosylated nanoparticles. <i>Journal of Controlled Release</i> , 2012, 162, 553-560.	9.9	36
148	Humoral immune response in hens naturally infected with <i>Salmonella Enteritidis</i> against outer membrane proteins and other surface structural antigens. <i>Veterinary Research</i> , 2004, 35, 291-298.	3.0	36
149	Gamma Interferon Loaded onto Albumin Nanoparticles: In Vitro and In Vivo Activities against <i>Brucella abortus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1310-1314.	3.2	35
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