

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	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
2	Oral Immunogenicity of Enterotoxigenic <i>Escherichia coli</i> Outer Membrane Vesicles Encapsulated into Zein Nanoparticles Coated with a Gantrez® AN- Mannosamine Polymer Conjugate. <i>Pharmaceutics</i> , 2022, 14, 123.	4.5	4
3	Leveraging disulfiram to treat cancer: Mechanisms of action, delivery strategies, and treatment regimens. <i>Biomaterials</i> , 2022, 281, 121335.	11.4	57
4	Immune Response after Skin Delivery of a Recombinant Heat-Labile Enterotoxin B Subunit of Enterotoxigenic <i>Escherichia coli</i> in Mice. <i>Pharmaceutics</i> , 2022, 14, 239.	4.5	5
5	Synergistic Disruption of Metabolic Homeostasis through Hyperbranched Poly(ethylene glycol) Conjugates as Nanotherapeutics to Constrain Cancer Growth. <i>Advanced Materials</i> , 2022, 34, e2109036.	21.0	16
6	Effect of topical berberine in murine cutaneous leishmaniasis lesions. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, , .	3.0	0
7	Stimuli-sensitive Linear Dendritic Block Copolymer Drug Prodrug as a Nanoplatform for Tumor Combination Therapy. <i>Advanced Materials</i> , 2022, 34, e2108049.	21.0	43
8	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
9	Dual stimuli-responsive dendronized prodrug derived from poly(oligo-(ethylene glycol)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 143, 320-332.	8.3	10
10	A Dendritic Polymer-Based Nanosystem Mediates Drug Penetration and Irreversible Endoplasmic Reticulum Stresses in Tumor via Neighboring Effect. <i>Advanced Materials</i> , 2022, 34, e2201200.	21.0	29
11	A Transformable Amphiphilic and Block Polymer Dendron Conjugate for Enhanced Tumor Penetration and Retention with Cellular Homeostasis Perturbation via Membrane Flow. <i>Advanced Materials</i> , 2022, 34, e2200048.	21.0	33
12	Development of a Bacterial Nanoparticle Vaccine Against <i>Escherichia coli</i> . <i>Methods in Molecular Biology</i> , 2022, 2410, 357-365.	0.9	2
13	Zein-Based Nanoparticles as Oral Carriers for Insulin Delivery. <i>Pharmaceutics</i> , 2022, 14, 39.	4.5	23
14	Immunogenic Cell Death Activates the Tumor Immune Microenvironment to Boost the Immunotherapy Efficiency. <i>Advanced Science</i> , 2022, 9, .	11.2	140
15	In vivo SPECT-CT imaging and characterization of technetium-99m-labeled bevacizumab-loaded human serum albumin pegylated nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 101809.	3.0	8
16	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
17	Mucus-penetrating nanocarriers. , 2021, , 137-152.		0
18	Tumor microenvironment-responsive PEGylated heparin-pyropheophorbide-a nanoconjugates for photodynamic therapy. <i>Carbohydrate Polymers</i> , 2021, 255, 117490.	10.2	65

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19	An Alternating Irradiation Strategy-Driven Combination Therapy of PDT and RNAi for Highly Efficient Inhibition of Tumor Growth and Metastasis. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001850.	7.6	16
20	Advances in nanomedicines for diagnosis of central nervous system disorders. <i>Biomaterials</i> , 2021, 269, 120492.	11.4	46
21	Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. <i>Journal of Controlled Release</i> , 2021, 329, 1129-1138.	9.9	10
22	Redox dual-responsive dendrimeric nanoparticles for mutually synergistic chemo-photodynamic therapy to overcome drug resistance. <i>Journal of Controlled Release</i> , 2021, 329, 1210-1221.	9.9	27
23	Functional gadolinium-based nanoscale systems for cancer theranostics. <i>Journal of Controlled Release</i> , 2021, 329, 482-512.	9.9	21
24	Recent advances in development of dendritic polymer-based nanomedicines for cancer diagnosis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1670.	6.1	127
25	Zein-based nanocarriers for the oral delivery of insulin. In vivo evaluation in <i>Caenorhabditis elegans</i> . <i>Drug Delivery and Translational Research</i> , 2021, 11, 647-658.	5.8	8
26	A tumor-activatable peptide supramolecular nanoplatform for the delivery of dual-gene targeted siRNAs for drug-resistant cancer treatment. <i>Nanoscale</i> , 2021, 13, 4887-4898.	5.6	12
27	Changes in the nanoparticle uptake and distribution caused by an intramacrophagic parasitic infection. <i>Nanoscale</i> , 2021, 13, 17486-17503.	5.6	1
28	A Bacteria-Inspired Morphology Genetic Biomedical Material: Self-Propelled Artificial Microbots for Metastatic Triple Negative Breast Cancer Treatment. <i>ACS Nano</i> , 2021, 15, 4845-4860.	14.6	22
29	Dendron-Functionalized Polyglutamate-Pyropheophorbide Conjugates as Nanomedicines for Breast Cancer Photodynamic Therapy. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100013.	3.9	6
30	Protection Conferred by Drinking Water Administration of a Nanoparticle-Based Vaccine against <i>Salmonella Enteritidis</i> in Hens. <i>Vaccines</i> , 2021, 9, 216.	4.4	2
31	3,5-Dimethyl-4-isoxazolyl selenocyanate as promising agent for the treatment of <i>Leishmania infantum</i> -infected mice. <i>Acta Tropica</i> , 2021, 215, 105801.	2.0	12
32	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
33	In vivo testing of mucus-permeating nanoparticles for oral insulin delivery using <i>Caenorhabditis elegans</i> as a model under hyperglycemic conditions. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 989-1002.	12.0	15
34	Facile fabrication of multi-pocket nanoparticles with stepwise size transition for promoting deep penetration and tumor targeting. <i>Journal of Nanobiotechnology</i> , 2021, 19, 111.	9.1	12
35	An Amphiphilic PEGylated Peptide Dendron-Gemcitabine Prodrug-Based Nanoagent for Cancer Therapy. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100111.	3.9	17
36	Sub-50 nm Supramolecular Nanohybrids with Active Targeting Corona for Image-Guided Solid Tumor Treatment and Metastasis Inhibition. <i>Advanced Functional Materials</i> , 2021, 31, 2103272.	14.9	7

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37	Bacterium-mimicking sequentially targeted therapeutic nanocomplexes based on O-carboxymethyl chitosan and their cooperative therapy by dual-modality light manipulation. <i>Carbohydrate Polymers</i> , 2021, 264, 118030.	10.2	6
38	A nitroxides-based macromolecular MRI contrast agent with an extraordinary longitudinal relaxivity for tumor imaging via clinical T1WI SE sequence. <i>Journal of Nanobiotechnology</i> , 2021, 19, 244.	9.1	3
39	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. <i>Exploration</i> , 2021, 1, 21-34.	11.0	64
40	Development of nanostructured systems using natural polymers to optimize the treatment of inflammatory bowel diseases: A prospective study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102590.	3.0	7
41	Synergistic Therapy of a Naturally Inspired Glycopolymer-Based Biomimetic Nanomedicine Harnessing Tumor Genomic Instability. <i>Advanced Materials</i> , 2021, 33, e2104594.	21.0	42
42	Dendronized hyaluronic acid-docetaxel conjugate as a stimuli-responsive nano-agent for breast cancer therapy. <i>Carbohydrate Polymers</i> , 2021, 267, 118160.	10.2	29
43	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
44	Polysaccharide-based nanomedicines for cancer immunotherapy: A review. <i>Bioactive Materials</i> , 2021, 6, 3358-3382.	15.6	74
45	Experimental vaccination with nanoparticles containing Escherichia coli virulence factors. , 2021, , 3-27.		0
46	Vaccine Based on Outer Membrane Vesicles Using Hydrogels as Vaccine Delivery System. <i>Methods in Molecular Biology</i> , 2021, 2182, 153-160.	0.9	2
47	Bimetallic-MOF-Derived Amorphous Zinc/Cobalt-Iron-Based Hollow Nanowall Arrays via Ion Exchange for Highly Efficient Oxygen Evolution. <i>Small</i> , 2021, 17, e2104125.	10.0	29
48	Self-Stabilized Supramolecular Assemblies Constructed from PEGylated Dendritic Peptide Conjugate for Augmenting Tumor Retention and Therapy. <i>Advanced Science</i> , 2021, 8, e2102741.	11.2	34
49	Oral Efficacy of a Diselenide Compound Loaded in Nanostructured Lipid Carriers in a Murine Model of Visceral Leishmaniasis. <i>ACS Infectious Diseases</i> , 2021, 7, 3197-3209.	3.8	9
50	Nanoparticles from Gantrez-based conjugates for the oral delivery of camptothecin. <i>International Journal of Pharmaceutics: X</i> , 2021, 3, 100104.	1.6	2
51	Oral Immunogenicity in Mice and Sows of Enterotoxigenic Escherichia Coli Outer-Membrane Vesicles Incorporated into Zein-Based Nanoparticles. <i>Vaccines</i> , 2020, 8, 11.	4.4	10
52	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
53	Recent Advances in Nanomedicines for Multiple Sclerosis Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6571-6597.	4.6	7
54	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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55	An advanced micelle-based biodegradable HPMA polymer-gadolinium contrast agent for MR imaging of murine vasculatures and tumors. <i>Polymer Chemistry</i> , 2020, 11, 6374-6386.	3.9	3
56	Berberine-Loaded Liposomes for the Treatment of <i>Leishmania infantum</i> -Infected BALB/c Mice. <i>Pharmaceutics</i> , 2020, 12, 858.	4.5	31
57	Protective Passive Immunity in <i>Escherichia coli</i> ETEC-Challenged Neonatal Mice Conferred by Orally Immunized Dams with Nanoparticles Containing Homologous Outer Membrane Vesicles. <i>Vaccines</i> , 2020, 8, 286.	4.4	8
58	Enhancing the Efficacy of Metal-Free MRI Contrast Agents via Conjugating Nitroxides onto PEGylated Cross-Linked Poly(Carboxylate Ester). <i>Advanced Science</i> , 2020, 7, 2000467.	11.2	33
59	Zein-based nanoparticles for the oral delivery of insulin. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1601-1611.	5.8	24
60	Zein nanoparticles improve the oral bioavailability of resveratrol in humans. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101704.	3.0	24
61	Dendronized-Polymer Disturbing Cells' Stress Protection by Targeting Metabolism Leads to Tumor Vulnerability. <i>Advanced Materials</i> , 2020, 32, e1907490.	21.0	80
62	Intranasal delivery system of bacterial antigen using thermosensitive hydrogels based on a Pluronic-Gantrez conjugate. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119154.	5.2	18
63	Tumor-Oriented Telomerase-Terminated Nanoplatform as Versatile Strategy for Multidrug Resistance Reversal in Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901739.	7.6	12
64	In vivo efficacy of bevacizumab-loaded albumin nanoparticles in the treatment of colorectal cancer. <i>Drug Delivery and Translational Research</i> , 2020, 10, 635-645.	5.8	22
65	DOX-loaded peptide dendritic copolymer nanoparticles for combating multidrug resistance by regulating the lysosomal pathway of apoptosis in breast cancer cells. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1157-1170.	5.8	20
66	Encapsulation of probiotics in soybean protein-based microparticles preserves viable cell concentration in foods all along the production and storage processes. <i>Journal of Microencapsulation</i> , 2020, 37, 242-253.	2.8	23
67	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
68	Protein-based nanoparticles for drug delivery purposes. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119289.	5.2	64
69	Virus-Inspired Mimics: Dual-pH-Responsive Modular Nanoplatforms for Programmable Gene Delivery without DNA Damage with the Assistance of Light. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22519-22533.	8.0	9
70	Preparación, radiomarcado con ^{99m}Tc y ^{67}Ga y estudios de biodistribución de nanopartículas de albúmina con recubrimientos poliméricos. <i>Revista Española De Medicina Nuclear E Imagen Molecular</i> , 2020, 39, 225-232.	0.0	2
71	Tunable Hydrophilic-Lipophile Balance for Manipulating Structural Stability and Tumor Retention of Amphiphilic Nanoparticles. <i>Advanced Materials</i> , 2019, 31, e1901586.	21.0	76
72	Nanoparticles from Gantrez® AN-poly(ethylene glycol) conjugates as carriers for oral delivery of docetaxel. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118699.	5.2	15

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73	Dissolving Microneedles for Intradermal Vaccination against Shigellosis. <i>Vaccines</i> , 2019, 7, 159.	4.4	14
74	Understanding the basis of transcutaneous vaccine delivery. <i>Therapeutic Delivery</i> , 2019, 10, 63-80.	2.2	15
75	Casein nanoparticles in combination with 2-hydroxypropyl- β -cyclodextrin improves the oral bioavailability of quercetin. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118652.	5.2	58
76	Modulation of the fate of zein nanoparticles by their coating with a Gantrez [®] AN-thiamine polymer conjugate. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100006.	1.6	12
77	In vivo effect of bevacizumab-loaded albumin nanoparticles in the treatment of corneal neovascularization. <i>Experimental Eye Research</i> , 2019, 185, 107697.	2.6	34
78	Covalent capture of supramolecular species in an aqueous solution of water-miscible small organic molecules. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10477-10487.	2.8	12
79	In vitro characterization of new stabilizing albumin nanoparticles as a potential topical drug delivery system in the treatment of corneal neovascularization (CNV). <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 379-385.	3.0	16
80	Reactive Oxygen Species (ROS)-Degradable Polymeric Nanoplatform for Hypoxia-Targeted Gene Delivery: Unpacking DNA and Reducing Toxicity. <i>Biomacromolecules</i> , 2019, 20, 1899-1913.	5.4	24
81	Mannosylated Nanoparticles for Oral Immunotherapy in a Murine Model of Peanut Allergy. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2421-2429.	3.3	17
82	Inhibitory Effects of Multivalent Polypeptides on the Proliferation and Metastasis of Breast Cancer Cells. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1620-1627.	2.8	1
83	Evaluation of Skin Permeation and Retention of Topical Dapsone in Murine Cutaneous Leishmaniasis Lesions. <i>Pharmaceutics</i> , 2019, 11, 607.	4.5	12
84	The effect of thiamine-coating nanoparticles on their biodistribution and fate following oral administration. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 81-90.	4.0	16
85	Stimuli-responsive polymer-doxorubicin conjugate: Antitumor mechanism and potential as nano-prodrug. <i>Acta Biomaterialia</i> , 2019, 84, 339-355.	8.3	94
86	Static Magnetic Field Dictates Protein Corona Formation on the Surface of Glutamine-Modified Superparamagnetic Iron Oxide Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700418.	2.3	6
87	Human serum albumin nanoparticles for ocular delivery of bevacizumab. <i>International Journal of Pharmaceutics</i> , 2018, 541, 214-223.	5.2	56
88	Tailoring the Supramolecular Structure of Guanidinylated Pullulan toward Enhanced Genetic Photodynamic Therapy. <i>Biomacromolecules</i> , 2018, 19, 2214-2226.	5.4	19
89	Poly(anhydride) nanoparticles containing cashew nut proteins can induce a strong Th1 and Treg immune response after oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 51-60.	4.3	16
90	Evaluation of the treatment with resveratrol-loaded nanoparticles in intestinal injury model caused by ischemia and reperfusion. <i>Toxicology</i> , 2018, 396-397, 13-22.	4.2	22

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91	Coencapsulation of cyclodextrins into poly(anhydride) nanoparticles to improve the oral administration of glibenclamide. A screening on <i>C. elegans</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 64-72.	5.0	8
92	White matter volume loss in amyotrophic lateral sclerosis: A meta-analysis of voxel-based morphometry studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 83, 110-117.	4.8	21
93	Pegylated poly(anhydride) nanoparticles for oral delivery of docetaxel. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 118, 165-175.	4.0	18
94	Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice. <i>International Journal of Pharmaceutics</i> , 2018, 543, 245-256.	5.2	11
95	New pharmaceutical approaches for the treatment of food allergies. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 675-686.	5.0	6
96	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
97	Evaluation of nanoparticles as oral vehicles for immunotherapy against experimental peanut allergy. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 328-335.	7.5	26
98	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
99	Detachable Polyzwitterion-Coated Ternary Nanoparticles Based on Peptide Dendritic Carbon Dots for Efficient Drug Delivery in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43923-43935.	8.0	46
100	Increased Oral Bioavailability of Resveratrol by Its Encapsulation in Casein Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2816.	4.1	118
101	Towards a subunit vaccine from a <i>Shigella flexneri</i> \hat{I}^{H} tolR mutant. <i>Vaccine</i> , 2018, 36, 7509-7519.	3.8	14
102	Bioreducible nanocapsules for folic acid-assisted targeting and effective tumor-specific chemotherapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 653-667.	6.7	9
103	PDT-Driven Highly Efficient Intracellular Delivery and Controlled Release of CO in Combination with Sufficient Singlet Oxygen Production for Synergistic Anticancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804324.	14.9	108
104	Conformational changes of adsorbed and free proteins on magnetic nanoclusters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 664-672.	5.0	18
105	Cyclodextrin-grafted poly(anhydride) nanoparticles for oral glibenclamide administration. In vivo evaluation using <i>C. elegans</i> . <i>International Journal of Pharmaceutics</i> , 2018, 547, 97-105.	5.2	20
106	Enzyme/pH-sensitive dendritic polymer-DOX conjugate for cancer treatment. <i>Science China Materials</i> , 2018, 61, 1462-1474.	6.3	28
107	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
108	Co-solvent polarity controlled self-assembly of tetraphenylethylene-buried amphiphile for size-regulated tumor accumulation. <i>International Journal of Energy Production and Management</i> , 2018, 5, 275-282.	3.7	5

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109	Cancer Therapy: Virion-Like Membrane-Breaking Nanoparticles with Tumor-Activated Cell-and-Tissue Dual-Penetration Conquer Impermeable Cancer (Adv. Mater. 27/2018). <i>Advanced Materials</i> , 2018, 30, 1870199.	21.0	2
110	Tumor-adapting and tumor-remodeling AuNR@dendrimer-assembly nanohybrids overcome impermeable multidrug-resistant cancer. <i>Materials Horizons</i> , 2018, 5, 1047-1057.	12.2	33
111	Combination of paromomycin plus human anti-TNF- α antibodies to control the local inflammatory response in BALB/ mice with cutaneous leishmaniasis lesions. <i>Journal of Dermatological Science</i> , 2018, 92, 78-88.	1.9	21
112	Superparamagnetic nanocomposites based on surface imprinting for biomacromolecular recognition. <i>Materials Science and Engineering C</i> , 2017, 70, 1076-1080.	7.3	15
113	Nanoaggregation of inclusion complexes of glibenclamide with cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2017, 519, 263-271.	5.2	23
114	Enzyme-Sensitive and Amphiphilic PEGylated Dendrimer-Paclitaxel Prodrug-Based Nanoparticles for Enhanced Stability and Anticancer Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6865-6877.	8.0	148
115	In vitro evaluation of the genotoxicity of poly(anhydride) nanoparticles designed for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 523, 418-426.	5.2	14
116	Enzyme-responsive peptide dendrimer-gemcitabine conjugate as a controlled-release drug delivery vehicle with enhanced antitumor efficacy. <i>Acta Biomaterialia</i> , 2017, 55, 153-162.	8.3	127
117	Topical immunization using a nanoemulsion containing bacterial membrane antigens. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 207-214.	3.0	9
118	Tailoring the supramolecular structure of amphiphilic glycopolyptide analogue toward liver targeted drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2017, 525, 191-202.	5.2	13
119	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
120	Evaluation of the cytotoxicity, genotoxicity and mucus permeation capacity of several surface modified poly(anhydride) nanoparticles designed for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 517, 67-79.	5.2	33
121	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2017, 517, 50-57.	5.2	106
122	pH-Responsive magnetic metal-organic framework nanocomposites for selective capture and release of glycoproteins. <i>Nanoscale</i> , 2017, 9, 527-532.	5.6	47
123	Confined Pool-Buried Water-Soluble Nanoparticles from Reverse Micelles. <i>Langmuir</i> , 2017, 33, 5275-5282.	3.5	12
124	Zein nanoparticles as vehicles for oral delivery purposes. <i>Nanomedicine</i> , 2017, 12, 1209-1211.	3.3	34
125	Terminal Acetylated/Acrylated Poly(ethylene glycol) Fabricated Drug Carriers: Design, Synthesis, and Biological Evaluation. <i>Biomacromolecules</i> , 2017, 18, 1956-1964.	5.4	8
126	Toxicity and biodistribution of orally administered casein nanoparticles. <i>Food and Chemical Toxicology</i> , 2017, 106, 477-486.	3.6	15

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127	Intrinsic disruption of white matter microarchitecture in first-episode, drug-naïve 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
128	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	14.6	976
129	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
130	Tumor-Specific Multiple Stimuli-Activated Dendrimeric Nanoassemblies with Metabolic Blockade Surmount Chemotherapy Resistance. <i>ACS Nano</i> , 2017, 11, 416-429.	14.6	118
131	Stimuli-Sensitive Biodegradable and Amphiphilic Block Copolymer-Gemcitabine Conjugates Self-Assemble into a Nanoscale Vehicle for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3474-3486.	8.0	65
132	Skin vaccination using microneedles coated with a plasmid DNA cocktail encoding nucleosomal histones of <i>Leishmania</i> spp.. <i>International Journal of Pharmaceutics</i> , 2017, 533, 236-244.	5.2	23
133	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
134	Adjuvants for allergy immunotherapeutics. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2416-2427.	3.3	19
135	A combination of nanosystems for the delivery of cancer chemoimmunotherapeutic combinations: 1-Methyltryptophan nanocrystals and paclitaxel nanoparticles. <i>Pharmacological Research</i> , 2017, 126, 77-83.	7.1	16
136	Bioreducible Peptide-Dendrimeric Nanogels with Abundant Expanded Voids for Efficient Drug Entrapment and Delivery. <i>Biomacromolecules</i> , 2017, 18, 3498-3505.	5.4	22
137	Polymer-entanglement-driven coassembly of hybrid superparamagnetic nanoparticles: Tunable structures and flexible functionalization. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 263-273.	9.4	6
138	Genotoxic evaluation of poly(anhydride) nanoparticles in the gastrointestinal tract of mice. <i>International Journal of Pharmaceutics</i> , 2017, 530, 187-194.	5.2	4
139	Supramolecular structure of glibenclamide and β -cyclodextrins complexes. <i>International Journal of Pharmaceutics</i> , 2017, 530, 377-386.	5.2	13
140	Tetraphenylethylene-Induced Cross-Linked Vesicles with Tunable Luminescence and Controllable Stability. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29030-29037.	8.0	37
141	Localized drug release and effective chemotherapy by hyperthermia-governed bubble-generating hybrid nanocapsule system. <i>Nanomedicine</i> , 2017, 12, 2763-2783.	3.3	3
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