

Juan M Irache

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

386
papers

12,840
citations

59
h-index

90
g-index

410
ext. papers

14,690
ext. citations

7
avg, IF

6.58
L-index

#	Paper	IF	Citations
386	Immune Response after Skin Delivery of a Recombinant Heat-Labile Enterotoxin B Subunit of Enterotoxigenic in Mice.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
385	Synergistic Disruption of Metabolic Homeostasis Through Hyperbranched Poly(ethylene glycol) Conjugates As Nanotherapeutics to Constrain Cancer Growth.. <i>Advanced Materials</i> , 2022 , e2109036	24	6
384	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, 2110408	15.6	19
383	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	15.5	14
382	A dendritic polymer-based nanosystem mediates drug penetration and irreversible endoplasmic reticulum stresses in tumor via neighboring effect.. <i>Advanced Materials</i> , 2022 , e2201200	24	5
381	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 , e2200048	24	4
380	Development of a Bacterial Nanoparticle Vaccine Against Escherichia coli.. <i>Methods in Molecular Biology</i> , 2022 , 2410, 357-365	1.4	0
379	Stimuli-sensitive Linear-dendritic Block Copolymer-drug Prodrug As Nano-platform for Tumor Combination Therapy. <i>Advanced Materials</i> , 2021 , e2108049	24	8
378	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	5.5	0
377	Nanoparticles from Gantrez-based conjugates for the oral delivery of camptothecin. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100104	3.2	1
376	Leveraging disulfiram to treat cancer: Mechanisms of action, delivery strategies, and treatment regimens.. <i>Biomaterials</i> , 2021 , 281, 121335	15.6	10
375	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	11	2
374	Self-Stabilized Supramolecular Assemblies Constructed from PEGylated Dendritic Peptide Conjugate for Augmenting Tumor Retention and Therapy. <i>Advanced Science</i> , 2021 , 8, e2102741	13.6	16
373	Protection Conferred by Drinking Water Administration of a Nanoparticle-Based Vaccine against Enteritidis in Hens. <i>Vaccines</i> , 2021 , 9,	5.3	2
372	3,5-Dimethyl-4-isoxazolyl selenocyanate as promising agent for the treatment of Leishmania infantum-infected mice. <i>Acta Tropica</i> , 2021 , 215, 105801	3.2	4
371	Preparation and evaluation of PEG-coated zein nanoparticles for oral drug delivery purposes. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120287	6.5	16
370	testing of mucus-permeating nanoparticles for oral insulin delivery using as a model under hyperglycemic conditions. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 989-1002	15.5	1

369	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	9.4	3
368	An Amphiphilic PEGylated Peptide Dendron-Gemcitabine Prodrug-Based Nanoagent for Cancer Therapy. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100111	4.8	3
367	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	15.6	3
366	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	10.3	4
365	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	4.5	7
364	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	15.5	54
363	Mucus-penetrating nanocarriers 2021 , 137-152		
362	Tumor microenvironment-responsive PEGylated heparin-pyropheophorbide-a nanoconjugates for photodynamic therapy. <i>Carbohydrate Polymers</i> , 2021 , 255, 117490	10.3	40
361	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 ^{10.1}	10.1	7
360	Advances in nanomedicines for diagnosis of central nervous system disorders. <i>Biomaterials</i> , 2021 , 269, 120492	15.6	14
359	Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. <i>Journal of Controlled Release</i> , 2021 , 329, 1129-1138	11.7	4
358	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	11.7	13
357	Functional gadolinium-based nanoscale systems for cancer theranostics. <i>Journal of Controlled Release</i> , 2021 , 329, 482-512	11.7	10
356	Recent advances in development of dendritic polymer-based nanomedicines for cancer diagnosis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1670	9.2	16
355	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	6.2	3
354	A tumor-activatable peptide supramolecular nanoplatfrom for the delivery of dual-gene targeted siRNAs for drug-resistant cancer treatment. <i>Nanoscale</i> , 2021 , 13, 4887-4898	7.7	3
353	Changes in the nanoparticle uptake and distribution caused by an intramacrophagic parasitic infection. <i>Nanoscale</i> , 2021 , 13, 17486-17503	7.7	0
352	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	16.7	9

351	Dendron-Functionalized Polyglutamate-Pyropheophorbide-a Conjugates as Nanomedicines for Breast Cancer Photodynamic Therapy. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100013	4.8	1
350	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	9.4	1
349	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. <i>Exploration</i> , 2021 , 1, 21-34		23
348	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	4.5	2
347	Synergistic Therapy of a Naturally Inspired Glycopolymer-Based Biomimetic Nanomedicine Harnessing Tumor Genomic Instability. <i>Advanced Materials</i> , 2021 , 33, e2104594	24	12
346	Dendronized hyaluronic acid-docetaxel conjugate as a stimuli-responsive nano-agent for breast cancer therapy. <i>Carbohydrate Polymers</i> , 2021 , 267, 118160	10.3	6
345	Enhanced chemo-photodynamic therapy of an enzyme-responsive prodrug in bladder cancer patient-derived xenograft models. <i>Biomaterials</i> , 2021 , 277, 121061	15.6	19
344	Polysaccharide-based nanomedicines for cancer immunotherapy: A review. <i>Bioactive Materials</i> , 2021 , 6, 3358-3382	16.7	22
343	Experimental vaccination with nanoparticles containing Escherichia coli virulence factors 2021 , 3-27		
342	Vaccine Based on Outer Membrane Vesicles Using Hydrogels as Vaccine Delivery System. <i>Methods in Molecular Biology</i> , 2021 , 2182, 153-160	1.4	2
341	Zein-Based Nanoparticles as Oral Carriers for Insulin Delivery.. <i>Pharmaceutics</i> , 2021 , 14,	6.4	3
340	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	13.6	28
339	Zein-based nanoparticles for the oral delivery of insulin. <i>Drug Delivery and Translational Research</i> , 2020 , 10, 1601-1611	6.2	12
338	Zein nanoparticles improve the oral bioavailability of resveratrol in humans. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101704	4.5	11
337	Dendronized-Polymer Disturbing CellsPStress Protection by Targeting Metabolism Leads to Tumor Vulnerability. <i>Advanced Materials</i> , 2020 , 32, e1907490	24	75
336	Intranasal delivery system of bacterial antigen using thermosensitive hydrogels based on a Pluronic-Gantrez conjugate. <i>International Journal of Pharmaceutics</i> , 2020 , 579, 119154	6.5	5
335	Tumor-Oriented Telomerase-Terminated Nanoplatfom as Versatile Strategy for Multidrug Resistance Reversal in Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901739	10.1	6
334	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	6.2	11

333	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	7.3	8
332	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	3.4	9
331	Bioinspired Artificial Tobacco Mosaic Virus with Combined Oncolytic Properties to Completely Destroy Multidrug-Resistant Cancer. <i>Advanced Materials</i> , 2020 , 32, e1904958	24	25
330	Protein-based nanoparticles for drug delivery purposes. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119289	6.5	27
329	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	9.5	3
328	Preparation, radiolabeling with Tc and Ga and biodistribution studies of albumin nanoparticles covered with polymers. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2020 , 39, 225-232	0.4	2
327	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	11.7	44
326	Recent Advances in Nanomedicines for Multiple Sclerosis Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6571-6597	4.1	3
325	Glycodendron/pyropheophorbide-a (Ppa)-functionalized hyaluronic acid as a nanosystem for tumor photodynamic therapy. <i>Carbohydrate Polymers</i> , 2020 , 247, 116749	10.3	48
324	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	4.9	
323	Berberine-Loaded Liposomes for the Treatment of -Infected BALB/c Mice. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
322	Understanding the basis of transcutaneous vaccine delivery. <i>Therapeutic Delivery</i> , 2019 , 10, 63-80	3.8	8
321	Casein nanoparticles in combination with 2-hydroxypropyl-β-cyclodextrin improves the oral bioavailability of quercetin. <i>International Journal of Pharmaceutics</i> , 2019 , 570, 118652	6.5	33
320	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	3.2	9
319	In vivo effect of bevacizumab-loaded albumin nanoparticles in the treatment of corneal neovascularization. <i>Experimental Eye Research</i> , 2019 , 185, 107697	3.7	16
318	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	3.6	8
317	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	4.5	10
316	Reactive Oxygen Species (ROS)-Degradable Polymeric Nanoplatform for Hypoxia-Targeted Gene Delivery: Unpacking DNA and Reducing Toxicity. <i>Biomacromolecules</i> , 2019 , 20, 1899-1913	6.9	14

315	Mannosylated Nanoparticles for Oral Immunotherapy in a Murine Model of Peanut Allergy. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2421-2429	3.9	12
314	Tunable Hydrophile-Lipophile Balance for Manipulating Structural Stability and Tumor Retention of Amphiphilic Nanoparticles. <i>Advanced Materials</i> , 2019 , 31, e1901586	24	63
313	Nanoparticles from Gantrez [®] AN-poly(ethylene glycol) conjugates as carriers for oral delivery of docetaxel. <i>International Journal of Pharmaceutics</i> , 2019 , 571, 118699	6.5	13
312	Dissolving Microneedles for Intradermal Vaccination against Shigellosis. <i>Vaccines</i> , 2019 , 7,	5.3	8
311	Oral Immunogenicity in Mice and Sows of Enterotoxigenic Escherichia Coli Outer-Membrane Vesicles Incorporated into Zein-Based Nanoparticles. <i>Vaccines</i> , 2019 , 8,	5.3	4
310	Inhibitory Effects of Multivalent Polypeptides on the Proliferation and Metastasis of Breast Cancer Cells. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1620-1627	4.3	1
309	Evaluation of Skin Permeation and Retention of Topical Dapsone in Murine Cutaneous Leishmaniasis Lesions. <i>Pharmaceutics</i> , 2019 , 11,	6.4	5
308	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	5.1	12
307	Stimuli-responsive polymer-doxorubicin conjugate: Antitumor mechanism and potential as nano-prodrug. <i>Acta Biomaterialia</i> , 2019 , 84, 339-355	10.8	76
306	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	3.1	4
305	Human serum albumin nanoparticles for ocular delivery of bevacizumab. <i>International Journal of Pharmaceutics</i> , 2018 , 541, 214-223	6.5	37
304	Tailoring the Supramolecular Structure of Guanidinylated Pullulan toward Enhanced Genetic Photodynamic Therapy. <i>Biomacromolecules</i> , 2018 , 19, 2214-2226	6.9	14
303	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	5.7	11
302	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	4.4	14
301	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	6	8
300	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	5.5	13
299	Pegylated poly(anhydride) nanoparticles for oral delivery of docetaxel. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 118, 165-175	5.1	12
298	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	6.5	8

297	New pharmaceutical approaches for the treatment of food allergies. <i>Expert Opinion on Drug Delivery</i> , 2018 , 15, 675-686	8	4
296	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	8.5	47
295	Evaluation of nanoparticles as oral vehicles for immunotherapy against experimental peanut allergy. <i>International Journal of Biological Macromolecules</i> , 2018 , 110, 328-335	7.9	20
294	Tumor-adapting and tumor-remodeling AuNR@dendrimer-assembly nanohybrids overcome impermeable multidrug-resistant cancer. <i>Materials Horizons</i> , 2018 , 5, 1047-1057	14.4	26
293	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	4.3	10
292	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	4.5	27
291	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	9.5	34
290	Increased Oral Bioavailability of Resveratrol by Its Encapsulation in Casein Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	82
289	Towards a subunit vaccine from a Shigella flexneri EoLR mutant. <i>Vaccine</i> , 2018 , 36, 7509-7519	4.1	8
288	Bioreducible nanocapsules for folic acid-assisted targeting and effective tumor-specific chemotherapy. <i>International Journal of Nanomedicine</i> , 2018 , 13, 653-667	7.3	7
287	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	15.6	70
286	Conformational changes of adsorbed and free proteins on magnetic nanoclusters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 664-672	6	16
285	Cyclodextrin-grafted poly(anhydride) nanoparticles for oral glibenclamide administration. In vivo evaluation using C. elegans. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 97-105	6.5	16
284	Enzyme/pH-sensitive dendritic polymer-DOX conjugate for cancer treatment. <i>Science China Materials</i> , 2018 , 61, 1462-1474	7.1	22
283	Virion-Like Membrane-Breaking Nanoparticles with Tumor-Activated Cell-and-Tissue Dual-Penetration Conquer Impermeable Cancer. <i>Advanced Materials</i> , 2018 , 30, e1707240	24	69
282	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	5.3	4
281	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	24	2
280	Superparamagnetic nanocomposites based on surface imprinting for biomacromolecular recognition. <i>Materials Science and Engineering C</i> , 2017 , 70, 1076-1080	8.3	11

279	Nanoaggregation of inclusion complexes of glibenclamide with cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2017 , 519, 263-271	6.5	19
278	Enzyme-Sensitive and Amphiphilic PEGylated Dendrimer-Paclitaxel Prodrug-Based Nanoparticles for Enhanced Stability and Anticancer Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 6865-6875	9.5	124
277	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	6.5	12
276	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	10.8	99
275	Topical immunization using a nanoemulsion containing bacterial membrane antigens. <i>Journal of Drug Delivery Science and Technology</i> , 2017 , 42, 207-214	4.5	9
274	Tailoring the supramolecular structure of amphiphilic glycopolyptide analogue toward liver targeted drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2017 , 525, 191-202	6.5	11
273	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	15.6	47
272	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	6.5	30
271	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	6.5	70
270	pH-Responsive magnetic metal-organic framework nanocomposites for selective capture and release of glycoproteins. <i>Nanoscale</i> , 2017 , 9, 527-532	7.7	40
269	Confined Pool-Buried Water-Soluble Nanoparticles from Reverse Micelles. <i>Langmuir</i> , 2017 , 33, 5275-5282	7.7	12
268	Terminal Acetylated/Acrylated Poly(ethylene glycol) Fabricated Drug Carriers: Design, Synthesis, and Biological Evaluation. <i>Biomacromolecules</i> , 2017 , 18, 1956-1964	6.9	8
267	Toxicity and biodistribution of orally administered casein nanoparticles. <i>Food and Chemical Toxicology</i> , 2017 , 106, 477-486	4.7	9
266	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	5.5	42
265	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381	16.7	714
264	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	16.7	69
263	Tumor-Specific Multiple Stimuli-Activated Dendrimeric Nanoassemblies with Metabolic Blockade Surmount Chemotherapy Resistance. <i>ACS Nano</i> , 2017 , 11, 416-429	16.7	101
262	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	9.5	59

261	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	6.5	21
260	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	5.7	35
259	Enhanced anticancer efficacy of paclitaxel through multistage tumor-targeting liposomes modified with RGD and KLA peptides. <i>International Journal of Nanomedicine</i> , 2017 , 12, 1517-1537	7.3	49
258	Adjuvants for allergy immunotherapeutics. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 2416-2427	7.4	13
257	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	10.2	9
256	Bioreducible Peptide-Dendrimeric Nanogels with Abundant Expanded Voids for Efficient Drug Entrapment and Delivery. <i>Biomacromolecules</i> , 2017 , 18, 3498-3505	6.9	18
255	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	9.3	6
254	Genotoxic evaluation of poly(anhydride) nanoparticles in the gastrointestinal tract of mice. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 187-194	6.5	4
253	Supramolecular structure of glibenclamide and β -cyclodextrins complexes. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 377-386	6.5	11
252	Tetraphenylethylene-Induced Cross-Linked Vesicles with Tunable Luminescence and Controllable Stability. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29030-29037	9.5	25
251	Localized drug release and effective chemotherapy by hyperthermia-governed bubble-generating hybrid nanocapsule system. <i>Nanomedicine</i> , 2017 , 12, 2763-2783	5.6	3
250	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 & Interfaces</i> , 2017 , 9, 23508-23519	9.5	46
249	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	6	45
248	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	6	75
247	Oral immunotherapy using polymeric nanoparticles loaded with peanut proteins in a murine model of fatal anaphylaxis. <i>Immunotherapy</i> , 2017 , 9, 1205-1217	3.8	10
246	Maternal Vaccination. Immunization of Sows during Pregnancy against ETEC Infections. <i>Vaccines</i> , 2017 , 5,	5.3	10
245	Improved effect of amikacin-loaded poly(D,L-lactide-co-glycolide) nanoparticles against planktonic and biofilm cells of <i>Pseudomonas aeruginosa</i> . <i>Journal of Medical Microbiology</i> , 2017 , 66, 137-148	3.2	16
244	Effective protection of mice against <i>Shigella flexneri</i> with a new self-adjuvant multicomponent vaccine. <i>Journal of Medical Microbiology</i> , 2017 , 66, 946-958	3.2	6

243	Amikacin loaded PLGA nanoparticles against <i>Pseudomonas aeruginosa</i> . <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 392-8	5.1	29
242	Designed Stem Cell Aggregates: Enhanced Biological Functions of Human Mesenchymal Stem-Cell Aggregates Incorporating E-Cadherin-Modified PLGA Microparticles (Adv. Healthcare Mater. 15/2016). <i>Advanced Healthcare Materials</i> , 2016 , 5, 1992-1992	10.1	
241	Functional Dendrimers as Nanoscale Theranostic Vehicles for Cancer Treatment 2016 , 327-353		
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