

# Juan M Irache

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2244658/juan-m-irache-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , <b>2017</b> , 11, 2313-2381	16.7	714
385	Specific and non-specific bioadhesive particulate systems for oral delivery to the gastrointestinal tract. <i>Advanced Drug Delivery Reviews</i> , <b>1998</b> , 34, 191-219	18.5	352
384	Mannose-targeted systems for the delivery of therapeutics. <i>Expert Opinion on Drug Delivery</i> , <b>2008</b> , 5, 703-24	8	225
383	Overcoming drug-resistant lung cancer by paclitaxel loaded dual-functional liposomes with mitochondria targeting and pH-response. <i>Biomaterials</i> , <b>2015</b> , 52, 126-39	15.6	209
382	Amphiphilic peptide dendritic copolymer-doxorubicin nanoscale conjugate self-assembled to enzyme-responsive anti-cancer agent. <i>Biomaterials</i> , <b>2014</b> , 35, 9529-45	15.6	176
381	Ganciclovir-loaded albumin nanoparticles: characterization and in vitro release properties. <i>European Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 12, 251-9	5.1	175
380	Gliadin nanoparticles for the controlled release of all-trans-retinoic acid. <i>International Journal of Pharmaceutics</i> , <b>1996</b> , 131, 191-200	6.5	156
379	Arginine functionalized peptide dendrimers as potential gene delivery vehicles. <i>Biomaterials</i> , <b>2012</b> , 33, 4917-27	15.6	151
378	Casein nanoparticles as carriers for the oral delivery of folic acid. <i>Food Hydrocolloids</i> , <b>2015</b> , 44, 399-406	10.6	136
377	Increased oral bioavailability of paclitaxel by its encapsulation through complex formation with cyclodextrins in poly(anhydride) nanoparticles. <i>Journal of Controlled Release</i> , <b>2010</b> , 145, 2-8	11.7	132
376	Enzyme-Sensitive and Amphiphilic PEGylated Dendrimer-Paclitaxel Prodrug-Based Nanoparticles for Enhanced Stability and Anticancer Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 6865-6875	7.5	124
375	Zein-Based Nanoparticles Improve the Oral Bioavailability of Resveratrol and Its Anti-inflammatory Effects in a Mouse Model of Endotoxic Shock. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 5603-5611	5.7	120
374	Combined hydroxypropyl-beta-cyclodextrin and poly(anhydride) nanoparticles improve the oral permeability of paclitaxel. <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 38, 405-13	5.1	116
373	Pegylated nanoparticles based on poly(methyl vinyl ether-co-maleic anhydride): preparation and evaluation of their bioadhesive properties. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 24, 411-9	5.1	113
372	In vitro phagocytosis and monocyte-macrophage activation with poly(lactide) and poly(lactide-co-glycolide) microspheres. <i>European Journal of Pharmaceutical Sciences</i> , <b>2002</b> , 15, 197-207	5.1	110
371	Dendrimer-doxorubicin conjugate as enzyme-sensitive and polymeric nanoscale drug delivery vehicle for ovarian cancer therapy. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5227-5235	4.9	109
370	Gantrez AN as a new polymer for the preparation of ligand-nanoparticle conjugates. <i>Journal of Controlled Release</i> , <b>2002</b> , 83, 321-30	11.7	109

369	Gentamicin encapsulation in PLA/PLGA microspheres in view of treating Brucella infections. <i>International Journal of Pharmaceutics</i> , <b>2000</b> , 196, 115-25	6.5	108
368	Ocular disposition and tolerance of ganciclovir-loaded albumin nanoparticles after intravitreal injection in rats. <i>Biomaterials</i> , <b>2002</b> , 23, 1587-94	15.6	107
367	Influence of the surface characteristics of PVM/MA nanoparticles on their bioadhesive properties. <i>Journal of Controlled Release</i> , <b>2003</b> , 89, 19-30	11.7	103
366	Bioadhesive potential of gliadin nanoparticulate systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2000</b> , 11, 333-41	5.1	102
365	Tumor-Specific Multiple Stimuli-Activated Dendrimeric Nanoassemblies with Metabolic Blockade Surmount Chemotherapy Resistance. <i>ACS Nano</i> , <b>2017</b> , 11, 416-429	16.7	101
364	Peptide dendrimers as efficient and biocompatible gene delivery vectors: Synthesis and in vitro characterization. <i>Journal of Controlled Release</i> , <b>2011</b> , 155, 77-87	11.7	101
363	Terminal modification of polymeric micelles with E-conjugated moieties for efficient anticancer drug delivery. <i>Biomaterials</i> , <b>2015</b> , 71, 1-10	15.6	100
362	Enzyme-responsive peptide dendrimer-gemcitabine conjugate as a controlled-release drug delivery vehicle with enhanced antitumor efficacy. <i>Acta Biomaterialia</i> , <b>2017</b> , 55, 153-162	10.8	99
361	Oral administration of paclitaxel with pegylated poly(anhydride) nanoparticles: permeability and pharmacokinetic study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 81, 514-23	5.7	97
360	Nanomedicine: novel approaches in human and veterinary therapeutics. <i>Veterinary Parasitology</i> , <b>2011</b> , 180, 47-71	2.8	94
359	Gliadin nanoparticles as carriers for the oral administration of lipophilic drugs. Relationships between bioadhesion and pharmacokinetics. <i>Pharmaceutical Research</i> , <b>2001</b> , 18, 1521-7	4.5	93
358	Immunoadjuvant capacity of flagellin and mannosamine-coated poly(anhydride) nanoparticles in oral vaccination. <i>Vaccine</i> , <b>2009</b> , 27, 4784-90	4.1	92
357	Poly(anhydride) nanoparticles act as active Th1 adjuvants through Toll-like receptor exploitation. <i>Vaccine Journal</i> , <b>2010</b> , 17, 1356-62		90
356	Albumin nanoparticles for the intravitreal delivery of anticytomegaloviral drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2005</b> , 5, 293-305	3.2	90
355	Albumin nanoparticles as carriers for a phosphodiester oligonucleotide. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 244, 59-72	6.5	89
354	Bioreducible Fluorinated Peptide Dendrimers Capable of Circumventing Various Physiological Barriers for Highly Efficient and Safe Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5821-32	9.5	85
353	Liposome encapsulated Disulfiram inhibits NFB pathway and targets breast cancer stem cells in vitro and in vivo. <i>Oncotarget</i> , <b>2014</b> , 5, 7471-85	3.3	83
352	Increased Oral Bioavailability of Resveratrol by Its Encapsulation in Casein Nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	82

351	Quantification of the bioadhesive properties of protein-coated PVM/MA nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 242, 129-36	6.5	81
350	In vitro antileishmanial activity of amphotericin B loaded in poly(epsilon-caprolactone) nanospheres. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 593-9	5.4	80
349	Stimuli-responsive polymer-doxorubicin conjugate: Antitumor mechanism and potential as nano-prodrug. <i>Acta Biomaterialia</i> , <b>2019</b> , 84, 339-355	10.8	76
348	Dendronized-Polymer Disturbing CellsPStress Protection by Targeting Metabolism Leads to Tumor Vulnerability. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907490	24	75
347	PEGylated dendritic diaminocyclohexyl-platinum (II) conjugates as pH-responsive drug delivery vehicles with enhanced tumor accumulation and antitumor efficacy. <i>Biomaterials</i> , <b>2014</b> , 35, 10080-92	15.6	75
346	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> , <b>2017</b> , 13, 103-110	6	75
345	Disorganization of white matter architecture in major depressive disorder: a meta-analysis of diffusion tensor imaging with tract-based spatial statistics. <i>Scientific Reports</i> , <b>2016</b> , 6, 21825	4.9	74
344	Salmonella-like bioadhesive nanoparticles. <i>Journal of Controlled Release</i> , <b>2005</b> , 106, 1-13	11.7	72
343	Stabilized micelles as delivery vehicles for paclitaxel. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 436, 258-64	6.5	71
342	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of AlzheimerB disease. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 517, 50-57	6.5	70
341	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> , <b>2018</b> , 28, 1804324	15.6	70
340	Protein Corona of Magnetic Hydroxyapatite Scaffold Improves Cell Proliferation via Activation of Mitogen-Activated Protein Kinase Signaling Pathway. <i>ACS Nano</i> , <b>2017</b> , 11, 3690-3704	16.7	69
339	Virion-Like Membrane-Breaking Nanoparticles with Tumor-Activated Cell-and-Tissue Dual-Penetration Conquer Impermeable Cancer. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707240	24	69
338	Surface-engineered nanogel assemblies with integrated blood compatibility, cell proliferation and antibacterial property: towards multifunctional biomedical membranes. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5904-5919 <sup>67</sup>	15.6	67
337	Thermosensitive hydrogels of poly(methyl vinyl ether-co-maleic anhydride) - Pluronic(□ ) F127 copolymers for controlled protein release. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 459, 1-9	6.5	65
336	Preparation of Ulex europaeus lectin-gliadin nanoparticle conjugates and their interaction with gastrointestinal mucus. <i>International Journal of Pharmaceutics</i> , <b>1999</b> , 191, 25-32	6.5	65
335	Virus-Inspired Mimics Based on Dendritic Lipopeptides for Efficient Tumor-Specific Infection and Systemic Drug Delivery. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5250-5260	15.6	64
334	Poly(Ecaprolacton) nanospheres as an alternative way to reduce amphotericin B toxicity. <i>International Journal of Pharmaceutics</i> , <b>1997</b> , 158, 19-27	6.5	64

333	Evaluation of bioadhesive capacity and immunoadjuvant properties of vitamin B(12)-Gantrez nanoparticles. <i>Pharmaceutical Research</i> , <b>2008</b> , 25, 2859-68	4.5	64
332	In vivo study of the mucus-permeating properties of PEG-coated nanoparticles following oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 97, 280-9	5.7	63
331	Tunable Hydrophile-Lipophile Balance for Manipulating Structural Stability and Tumor Retention of Amphiphilic Nanoparticles. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901586	24	63
330	Bioadhesive properties and biodistribution of cyclodextrin-poly(anhydride) nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 37, 231-40	5.1	62
329	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> , <b>2017</b> , 9, 3474-3486	9.5	59
328	Nanoparticles with specific bioadhesive properties to circumvent the pre-systemic degradation of fluorinated pyrimidines. <i>Journal of Controlled Release</i> , <b>2004</b> , 96, 55-65	11.7	59
327	Zein nanoparticles for oral folic acid delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2015</b> , 30, 450-457	4.5	58
326	Mucosal immunization with <i>Shigella flexneri</i> outer membrane vesicles induced protection in mice. <i>Vaccine</i> , <b>2011</b> , 29, 8222-9	4.1	58
325	Gantrez AN nanoparticles as an adjuvant for oral immunotherapy with allergens. <i>Vaccine</i> , <b>2007</b> , 25, 5263-71	4.1	57
324	Albumin nanoparticles improved the stability, nuclear accumulation and anticytomegaloviral activity of a phosphodiester oligonucleotide. <i>Journal of Controlled Release</i> , <b>2004</b> , 94, 217-27	11.7	57
323	Bioadhesive properties of pegylated nanoparticles. <i>Expert Opinion on Drug Delivery</i> , <b>2005</b> , 2, 205-18	8	57
322	Cellular internalization of doxorubicin loaded star-shaped micelles with hydrophilic zwitterionic sulfobetaine segments. <i>Biomaterials</i> , <b>2014</b> , 35, 4517-24	15.6	56
321	Drug release of pH-sensitive poly(L-aspartate)-b-poly(ethylene glycol) micelles with POSS cores. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 463-470	4.9	56
320	Preparation and characterization of lectin-latex conjugates for specific bioadhesion. <i>Biomaterials</i> , <b>1994</b> , 15, 899-904	15.6	56
319	Supramolecular PEGylated Dendritic Systems as pH/Redox Dual-Responsive Theranostic Nanoplatfoms for Platinum Drug Delivery and NIR Imaging. <i>Theranostics</i> , <b>2016</b> , 6, 1293-305	12.1	56
318	Functionalization of magnetic nanoparticles with peptide dendrimers. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 5464		54
317	Cathepsin B-responsive and gadolinium-labeled branched glycopolymer-PTX conjugate-derived nanotheranostics for cancer treatment. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 544-559	15.5	54
316	Functional and biodegradable dendritic macromolecules with controlled architectures as nontoxic and efficient nanoscale gene vectors. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 818-30	17.8	52

315	Superparamagnetic nano-composite scaffolds for promoting bone cell proliferation and defect repair without a magnetic field. <i>RSC Advances</i> , <b>2012</b> , 2, 13007	3.7	52
314	Bioadhesive properties of Gantrez nanoparticles. <i>Molecules</i> , <b>2005</b> , 10, 126-45	4.8	51
313	Nanoparticles generated by PEG-Chrysin conjugates for efficient anticancer drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 87, 454-60	5.7	50
312	Evaluation of bioadhesive potential and intestinal transport of pegylated poly(anhydride) nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2007</b> , 334, 156-65	6.5	50
311	Bioadhesion of lectin-latex conjugates to rat intestinal mucosa. <i>Pharmaceutical Research</i> , <b>1996</b> , 13, 1716-25	4.5	50
310	Enhanced anticancer efficacy of paclitaxel through multistage tumor-targeting liposomes modified with RGD and KLA peptides. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 1517-1537	7.3	49
309	Bioadhesive capacity and immunoadjuvant properties of thiamine-coated nanoparticles. <i>Vaccine</i> , <b>2007</b> , 25, 8123-32	4.1	49
308	Optimization and in vitro stability of legumin nanoparticles obtained by a coacervation method. <i>International Journal of Pharmaceutics</i> , <b>1995</b> , 126, 103-109	6.5	49
307	Polymeric carriers for amphotericin B: in vitro activity, toxicity and therapeutic efficacy against systemic candidiasis in neutropenic mice. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2003</b> , 52, 419-27	5.1	48
306	Glycodendron/pyropheophorbide-a (Ppa)-functionalized hyaluronic acid as a nanosystem for tumor photodynamic therapy. <i>Carbohydrate Polymers</i> , <b>2020</b> , 247, 116749	10.3	48
305	pH-Triggered Pinpointed Cascading Charge-Conversion and Redox-Controlled Gene Release Design: Modularized Fabrication for Nonviral Gene Transfection. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701571	15.6	47
304	Soybean protein-based microparticles for oral delivery of probiotics with improved stability during storage and gut resistance. <i>Food Chemistry</i> , <b>2018</b> , 239, 879-888	8.5	47
303	Nanoparticulate adjuvants and delivery systems for allergen immunotherapy. <i>Journal of Biomedicine and Biotechnology</i> , <b>2012</b> , 2012, 474605		47
302	Nanoparticle-based vaccine for mucosal protection against <i>Shigella flexneri</i> in mice. <i>Vaccine</i> , <b>2013</b> , 31, 3288-94	4.1	47
301	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> , <b>2017</b> , 9, 23508-23519	9.5	46
300	Bioadhesive mannosylated nanoparticles for oral drug delivery. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 3203-9	1.3	46
299	Polymeric micelles with citraconic amide as pH-sensitive bond in backbone for anticancer drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 471, 28-36	6.5	45
298	Poly lactic-co-glycolic acid controlled delivery of disulfiram to target liver cancer stem-like cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 641-657	6	45

297	Poly(methyl vinyl ether-co-maleic anhydride) nanoparticles as innate immune system activators. <i>Vaccine</i> , <b>2011</b> , 29, 7130-5	4.1	45
296	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> , <b>2007</b> , 44, 1072-8	3.5	45
295	Stimuli-responsive polymeric prodrug-based nanomedicine delivering nifuroxazide and doxorubicin against primary breast cancer and pulmonary metastasis. <i>Journal of Controlled Release</i> , <b>2020</b> , 318, 124-135	11.7	44
294	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> , <b>2013</b> , 23, 2691-2699	15.6	43
293	Protection from Staphylococcus aureus mastitis associated with poly-N-acetyl beta-1,6 glucosamine specific antibody production using biofilm-embedded bacteria. <i>Vaccine</i> , <b>2009</b> , 27, 2379-86	4.1	43
292	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> , <b>2017</b> , 76, 179-187	5.5	42
291	New-generation biomedical materials: Peptide dendrimers and their application in biomedicine. <i>Science China Chemistry</i> , <b>2010</b> , 53, 458-478	7.9	42
290	Co-encapsulation of an antigen and CpG oligonucleotides into PLGA microparticles by TROMS technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 70, 98-108	5.7	42
289	In vitro study of lectin-latex conjugates for specific bioadhesion. <i>Journal of Controlled Release</i> , <b>1994</b> , 31, 181-188	11.7	42
288	Mucoadhesion of latexes. II. Adsorption isotherms and desorption studies. <i>Pharmaceutical Research</i> , <b>1994</b> , 11, 680-3	4.5	41
287	pH-Responsive magnetic metal-organic framework nanocomposites for selective capture and release of glycoproteins. <i>Nanoscale</i> , <b>2017</b> , 9, 527-532	7.7	40
286	Tumor microenvironment-responsive PEGylated heparin-pyropheophorbide-a nanoconjugates for photodynamic therapy. <i>Carbohydrate Polymers</i> , <b>2021</b> , 255, 117490	10.3	40
285	Assessment of Elapachone 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> , <b>2015</b> , 11, 2003-12	6	39
284	Protective immunity of biodegradable nanoparticle-based vaccine against an experimental challenge with Salmonella Enteritidis in mice. <i>Vaccine</i> , <b>2007</b> , 25, 4410-9	4.1	39
283	Development of microparticles prepared by spray-drying as a vaccine delivery system against brucellosis. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 242, 341-4	6.5	39
282	Human serum albumin nanoparticles for ocular delivery of bevacizumab. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 541, 214-223	6.5	37
281	Biodegradable polymeric nanoparticles based on amphiphilic principle: construction and application in drug delivery. <i>Science China Chemistry</i> , <b>2014</b> , 57, 461-475	7.9	37
280	Innovative lead compounds and formulation strategies as newer kinetoplastid therapies. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 4259-88	4.3	37

- 279 Development of a novel vaccine delivery system based on Gantrez nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 3283-9 1.3 37
- 278 Fluconazole encapsulation in PLGA microspheres by spray-drying. *Journal of Microencapsulation*, **2004**, 21, 203-11 3.4 37
- 277 A *Brucella ovis* antigenic complex bearing poly-epsilon-caprolactone microparticles confer protection against experimental brucellosis in mice. *Vaccine*, **2001**, 19, 4099-106 4.1 37
- 276 Loading of plasmid DNA into PLGA microparticles using TROMS (Total Recirculation One-Machine System): evaluation of its integrity and controlled release properties. *Journal of Controlled Release*, **2003**, 86, 123-30 11.7 36
- 275 Optimization and evaluation of zein nanoparticles to improve the oral delivery of glibenclamide. In vivo study using *C. elegans*. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 121, 104-112 5.7 35
- 274 PLGA nanoparticles loaded with KMP-11 stimulate innate immunity and induce the killing of *Leishmania*. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2013**, 9, 985-95 6 35
- 273 Recent progress towards development of a *Shigella* vaccine. *Expert Review of Vaccines*, **2013**, 12, 43-55 5.2 35
- 272 A novel nanoparticulate adjuvant for immunotherapy with *Lolium perenne*. *Journal of Immunological Methods*, **2009**, 348, 1-8 2.5 35
- 271 Modulation of the cellular immune response after oral or subcutaneous immunization with microparticles containing *Brucella ovis* antigens. *Journal of Controlled Release*, **2002**, 85, 237-46 11.7 35
- 270 Development of a sensitive method for the determination of ganciclovir by reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, **2000**, 870, 159-67 4.5 35
- 269 Nanostructured Si, Mg, CO<sub>3</sub> 2<sup>-</sup> Substituted Hydroxyapatite Coatings Deposited by Liquid Precursor Plasma Spraying: Synthesis and Characterization. *Journal of Thermal Spray Technology*, **2011**, 20, 829-836 2.5 34
- 268 Oral delivery of camptothecin using cyclodextrin/poly(anhydride) nanoparticles. *International Journal of Pharmaceutics*, **2016**, 506, 116-28 6.5 34
- 267 Detachable Polyzwitterion-Coated Ternary Nanoparticles Based on Peptide Dendritic Carbon Dots for Efficient Drug Delivery in Cancer Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 43923-43935 8.5 34
- 266 Casein nanoparticles in combination with 2-hydroxypropyl-β-cyclodextrin improves the oral bioavailability of quercetin. *International Journal of Pharmaceutics*, **2019**, 570, 118652 6.5 33
- 265 Gamma interferon loaded onto albumin nanoparticles: in vitro and in vivo activities against *Brucella abortus*. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 1310-4 5.9 33
- 264 Nanoparticles as multifunctional devices for the topical treatment of cutaneous leishmaniasis. *Expert Opinion on Drug Delivery*, **2014**, 11, 579-97 8 32
- 263 Nanoparticle based-immunotherapy against allergy. *Immunotherapy*, **2014**, 6, 885-97 3.8 32
- 262 *Brucella* outer membrane complex-loaded microparticles as a vaccine against *Brucella ovis* in rams. *Vaccine*, **2006**, 24, 1897-905 4.1 32



261	Gentamicin-loaded microspheres for reducing the intracellular <i>Brucella abortus</i> load in infected monocytes. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2004</b> , 53, 981-8	5.1	32
260	Gliadin nanoparticles: formation, all- trans-retinoic acid entrapment and release, size optimization. <i>Polymer International</i> , <b>1999</b> , 48, 327-333	3.3	32
259	Capsid-like supramolecular dendritic systems as pH-responsive nanocarriers for drug penetration and site-specific delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 355-64	6	31
258	Conjunctival vaccination against <i>Brucella ovis</i> in mice with mannosylated nanoparticles. <i>Journal of Controlled Release</i> , <b>2012</b> , 162, 553-60	11.7	31
257	Cyclodextrin-poly(anhydride) nanoparticles as new vehicles for oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2011</b> , 8, 721-34	8	31
256	Preparation of lectin-vicilin nanoparticle conjugates using the carbodiimide coupling technique. <i>International Journal of Pharmaceutics</i> , <b>1996</b> , 142, 227-233	6.5	31
255	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> , <b>2004</b> , 35, 291-8	3.8	31
254	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> , <b>2017</b> , 517, 67-79	6.5	30
253	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> , <b>2012</b> , 7, 4637-48	7.3	30
252	Influence of dextran on the bioadhesive properties of poly(anhydride) nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 390, 37-44	6.5	30
251	In vitro reversion of amphotericin B resistance in <i>Leishmania donovani</i> by poloxamer 188. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 2190-2	5.9	30
250	Specially-Made Lipid-Based Assemblies for Improving Transmembrane Gene Delivery: Comparison of Basic Amino Acid Residue Rich Periphery. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 1809-21	5.6	30
249	Zn and Sr incorporated 64S bioglasses: Material characterization, in-vitro bioactivity and mesenchymal stem cell responses. <i>Materials Science and Engineering C</i> , <b>2015</b> , 52, 242-50	8.3	29
248	Amikacin loaded PLGA nanoparticles against <i>Pseudomonas aeruginosa</i> . <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 93, 392-8	5.1	29
247	Encapsulation of antigenic extracts of <i>Salmonella enterica</i> serovar. Abortusovis into polymeric systems and efficacy as vaccines in mice. <i>Veterinary Microbiology</i> , <b>2006</b> , 118, 124-32	3.3	29
246	Enhancing the Efficacy of Metal-Free MRI Contrast Agents via Conjugating Nitroxides onto PEGylated Cross-Linked Poly(Carboxylate Ester). <i>Advanced Science</i> , <b>2020</b> , 7, 2000467	13.6	28
245	Gentamicin-loaded microspheres for treatment of experimental <i>Brucella abortus</i> infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2005</b> , 55, 1032-6	5.1	28
244	Mucoadhesion of latexes. I. Analytical methods and kinetic studies. <i>Pharmaceutical Research</i> , <b>1994</b> , 11, 674-9	4.5	28

243	Controlled Release, Intestinal Transport, and Oral Bioavailability of Paclitaxel Can be Considerably Increased Using Suitably Tailored Pegylated Poly(Anhydride) Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2877-86	3.9	27
242	Protein-based nanoparticles for drug delivery purposes. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 581, 119289	6.5	27
241	Self-assembly Polyrotaxanes Nanoparticles as Carriers for Anticancer Drug Methotrexate Delivery. <i>Nano-Micro Letters</i> , <b>2014</b> , 6, 108-115	19.5	27
240	Abnormal dynamic functional connectivity of amygdalar subregions in untreated patients with first-episode major depressive disorder. <i>Journal of Psychiatry and Neuroscience</i> , <b>2018</b> , 43, 262-272	4.5	27
239	Tumor-adapting and tumor-remodeling AuNR@dendrimer-assembly nanohybrids overcome impermeable multidrug-resistant cancer. <i>Materials Horizons</i> , <b>2018</b> , 5, 1047-1057	14.4	26
238	p53 mediated apoptosis by reduction sensitive shielding ternary complexes based on disulfide linked PEI ternary complexes. <i>Biomaterials</i> , <b>2014</b> , 35, 1657-66	15.6	26
237	Synergic effect of magnetic nanoparticles on the electrospun aligned superparamagnetic nanofibers as a potential tissue engineering scaffold. <i>RSC Advances</i> , <b>2013</b> , 3, 879-886	3.7	26
236	Cooperative Hierarchical Self-Assembly of Peptide Dendrimers and Linear Polypeptides into Nanoarchitectures Mimicking Viral Capsids. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 3184-3187	3.6	26
235	Cytotoxicity and cell interaction studies of bioadhesive poly(anhydride) nanoparticles for oral antigen/drug delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2013</b> , 9, 1891-903	4	26
234	Allergen immunotherapy with nanoparticles containing lipopolysaccharide from <i>Brucella ovis</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 70, 711-7	5.7	26
233	Adaptive immune responses of legumin nanoparticles. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 625-31	5.4	26
232	Characteristic of core materials in polymeric micelles effect on their micellar properties studied by experimental and dpd simulation methods. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 492, 152-60	6.5	25
231	Increase in transgene expression by pluronic L64-mediated endosomal/lysosomal escape through its membrane-disturbing action. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7282-93	9.5	25
230	Bioinspired Artificial Tobacco Mosaic Virus with Combined Oncolytic Properties to Completely Destroy Multidrug-Resistant Cancer. <i>Advanced Materials</i> , <b>2020</b> , 32, e1904958	24	25
229	Tetraphenylethylene-Induced Cross-Linked Vesicles with Tunable Luminescence and Controllable Stability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 29030-29037	9.5	25
228	Mucin Interactions with Functionalized Polystyrene Latexes. <i>Journal of Colloid and Interface Science</i> , <b>1995</b> , 170, 555-561	9.3	25
227	A magnetic nanoparticles relaxation sensor for protein-protein interaction detection at ultra-low magnetic field. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 80, 661-665	11.8	24
226	Highly Stable Fluorinated Nanocarriers with iRGD for Overcoming the Stability Dilemma and Enhancing Tumor Penetration in an Orthotopic Breast Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 28468-28479	9.5	24

225	A dendronized heparin $\gamma$ adolinium polymer self-assembled into a nanoscale system as a potential magnetic resonance imaging contrast agent. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 2531-2541	4.9	23
224	Topical treatment of L. major infected BALB/c mice with a novel diselenide chitosan hydrogel formulation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 62, 309-16	5.1	23
223	Development of poly(anhydride) nanoparticles loaded with peanut proteins: the influence of preparation method on the immunogenic properties. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 82, 241-9	5.7	23
222	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> /PMMA composite nanospheres as a nanoplatform for multimodal protein separation. <i>RSC Advances</i> , <b>2013</b> , 3, 1557-1563	3.7	23
221	Potential of albumin nanoparticles as carriers for interferon gamma. <i>Drug Development and Industrial Pharmacy</i> , <b>2005</b> , 31, 271-80	3.6	23
220	Simultaneous quantification of different cyclodextrins and Gantrez by HPLC with evaporative light scattering detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 495-502	3.5	23
219	Efficacy of ganciclovir-loaded nanoparticles in human cytomegalovirus (HCMV)-infected cells. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 231-8	5.4	23
218	Distribution of albumin nanoparticles in animals induced with the experimental allergic encephalomyelitis. <i>Journal of Drug Targeting</i> , <b>2000</b> , 8, 289-303	5.4	23
217	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. <i>Exploration</i> , <b>2021</b> , 1, 21-34		23
216	A magnetic-dependent protein corona of tailor-made superparamagnetic iron oxides alters their biological behaviors. <i>Nanoscale</i> , <b>2016</b> , 8, 7544-55	7.7	22
215	Mimicking microbial strategies for the design of mucus-permeating nanoparticles for oral immunization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 96, 454-63	5.7	22
214	Immunogenicity of peanut proteins containing poly(anhydride) nanoparticles. <i>Vaccine Journal</i> , <b>2014</b> , 21, 1106-12		22
213	Toxicity studies of poly(anhydride) nanoparticles as carriers for oral drug delivery. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 2615-27	4.5	22
212	Molecular imaging techniques to study the biodistribution of orally administered (99m)Tc-labelled naive and ligand-tagged nanoparticles. <i>Molecular Imaging and Biology</i> , <b>2011</b> , 13, 1215-23	3.8	22
211	Poly(anhydride) nanoparticles as adjuvants for mucosal vaccination. <i>Frontiers in Bioscience - Scholar</i> , <b>2010</b> , 2, 876-90	2.4	22
210	Evaluation of particulate acellular vaccines against <i>Brucella ovis</i> infection in rams. <i>Vaccine</i> , <b>2010</b> , 28, 3038-46	4.6	22
209	Co-delivery of ovalbumin and CpG motifs into microparticles protected sensitized mice from anaphylaxis. <i>International Archives of Allergy and Immunology</i> , <b>2009</b> , 149, 111-8	3.7	22
208	Enzyme/pH-sensitive dendritic polymer-DOX conjugate for cancer treatment. <i>Science China Materials</i> , <b>2018</b> , 61, 1462-1474	7.1	22

207	Polysaccharide-based nanomedicines for cancer immunotherapy: A review. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3358-3382	16.7	22
206	Skin vaccination using microneedles coated with a plasmid DNA cocktail encoding nucleosomal histones of <i>Leishmania</i> spp. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 533, 236-244	6.5	21
205	Polyacrylic acid brushes grafted from P(St-AA)/Fe <sub>3</sub> O <sub>4</sub> composite microspheres via ARGET-ATRP in aqueous solution for protein immobilization. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 123, 413-8	6	21
204	Polydopamine-based superparamagnetic molecularly imprinted polymer nanospheres for efficient protein recognition. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 123, 213-8	6	21
203	Interaction of amphotericin B with polymeric colloids: A spectroscopic study. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1998</b> , 11, 141-151	6	21
202	Experiments on a sub-unit vaccine encapsulated in microparticles and its efficacy against <i>Brucella melitensis</i> in mice. <i>Vaccine</i> , <b>2006</b> , 24, 4179-87	4.1	21
201	Polyester microparticles as a vaccine delivery system for brucellosis: influence of the polymer on release, phagocytosis and toxicity. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 211-9	5.4	21
200	The in Vitro and in Vivo Degradation of Cross-Linked Poly(trimethylene carbonate)-Based Networks. <i>Polymers</i> , <b>2016</b> , 8,	4.5	21
199	Evaluation of nanoparticles as oral vehicles for immunotherapy against experimental peanut allergy. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 110, 328-335	7.9	20
198	Pharmacokinetics and antitumor efficacy of paclitaxel-cyclodextrin complexes loaded in mucus-penetrating nanoparticles for oral administration. <i>Nanomedicine</i> , <b>2014</b> , 9, 2109-21	5.6	20
197	Optimization of maghemite-loaded PLGA nanospheres for biomedical applications. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 343-51	5.1	20
196	In Vivo Evaluation of a pH-Sensitive PullulanDoxorubicin Conjugate. <i>Advanced Engineering Materials</i> , <b>2010</b> , 12, B496-B503	3.5	20
195	In vivo sustained release of adenoviral vectors from poly(D,L-lactic-co-glycolic) acid microparticles prepared by TROMS. <i>Journal of Controlled Release</i> , <b>2004</b> , 94, 229-35	11.7	20
194	Enhanced Biological Functions of Human Mesenchymal Stem-Cell Aggregates Incorporating E-Cadherin-Modified PLGA Microparticles. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1949-59	10.1	20
193	Nanoaggregation of inclusion complexes of glibenclamide with cyclodextrins. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 519, 263-271	6.5	19
192	Chain length effect on drug delivery of chrysin modified mPEGBCL micelles. <i>RSC Advances</i> , <b>2015</b> , 5, 59014-59021	3.7	19
191	Human VE-Cadherin Fusion Protein as an Artificial Extracellular Matrix Enhancing the Proliferation and Differentiation Functions of Endothelial Cell. <i>Biomacromolecules</i> , <b>2016</b> , 17, 756-66	6.9	19
190	Low efficacy of NcGRA7, NcSAG4, NcBSR4 and NcSRS9 formulated in poly-ε-caprolactone against <i>Neospora caninum</i> infection in mice. <i>Vaccine</i> , <b>2012</b> , 30, 4983-92	4.1	19

189	Branched Polymer-Based Redox/Enzyme-Activatable Photodynamic Nanoagent to Trigger STING-Dependent Immune Responses for Enhanced Therapeutic Effect. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2110408	15.6	19
188	Enhanced chemo-photodynamic therapy of an enzyme-responsive prodrug in bladder cancer patient-derived xenograft models. <i>Biomaterials</i> , <b>2021</b> , 277, 121061	15.6	19
187	Ligand-Free Fe <sub>3</sub> O <sub>4</sub> /CMCS Nanoclusters with Negative Charges for Efficient Structure-Selective Protein Adsorption. <i>Small</i> , <b>2016</b> , 12, 2344-53	11	18
186	Bioreducible Peptide-Dendrimeric Nanogels with Abundant Expanded Voids for Efficient Drug Entrapment and Delivery. <i>Biomacromolecules</i> , <b>2017</b> , 18, 3498-3505	6.9	18
185	Facile Fabrication of Robust Organic Counterion-Induced Vesicles: Reversible Thermal Behavior for Optical Temperature Sensor and Synergistic Catalyst upon Removal of Amine. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 3764-3774	15.6	18
184	Polypeptide dendrimers: Self-assembly and drug delivery. <i>Science China Chemistry</i> , <b>2011</b> , 54, 326-333	7.9	18
183	Bioadhesive properties of poly(anhydride) nanoparticles coated with different molecular weights chitosan. <i>Journal of Microencapsulation</i> , <b>2011</b> , 28, 455-63	3.4	18
182	A colloidal assembly approach to synthesize magnetic porous composite nanoclusters for efficient protein adsorption. <i>Nanoscale</i> , <b>2015</b> , 7, 17617-22	7.7	17
181	Study of Thermal Degradation of PLGA, PLGA Nanospheres and PLGA/Maghemite Superparamagnetic Nanospheres. <i>Materials Research</i> , <b>2015</b> , 18, 1400-1406	1.5	17
180	Development of bioadhesive amino-pegylated poly(anhydride) nanoparticles designed for oral DNA delivery. <i>Journal of Microencapsulation</i> , <b>2008</b> , 25, 82-9	3.4	17
179	In vivo effect of bevacizumab-loaded albumin nanoparticles in the treatment of corneal neovascularization. <i>Experimental Eye Research</i> , <b>2019</b> , 185, 107697	3.7	16
178	Design and self-assembly of amphiphilic peptide dendron-jacketed polysaccharide polymers into available nanomaterials. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2235	4.9	16
177	Molecular buckets: cyclodextrins for oral cancer therapy. <i>Therapeutic Delivery</i> , <b>2012</b> , 3, 43-57	3.8	16
176	Influence of the co-encapsulation of different excipients on the properties of polyester microparticle-based vaccine against brucellosis. <i>International Journal of Pharmaceutics</i> , <b>2004</b> , 271, 125-35	6.5	16
175	Determination of oligonucleotide ISIS 2922 in nanoparticulate delivery systems by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , <b>2000</b> , 871, 311-20	4.5	16
174	Self-Stabilized Supramolecular Assemblies Constructed from PEGylated Dendritic Peptide Conjugate for Augmenting Tumor Retention and Therapy. <i>Advanced Science</i> , <b>2021</b> , 8, e2102741	13.6	16
173	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> , <b>2017</b> , 66, 137-148	3.2	16
172	Preparation and evaluation of PEG-coated zein nanoparticles for oral drug delivery purposes. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 597, 120287	6.5	16

171	Multiple pH responsive zwitterionic micelles for stealth delivery of anticancer drugs. <i>RSC Advances</i> , <b>2016</b> , 6, 64778-64790	3.7	16
170	Recent advances in development of dendritic polymer-based nanomedicines for cancer diagnosis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2021</b> , 13, e1670	9.2	16
169	Conformational changes of adsorbed and free proteins on magnetic nanoclusters. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 170, 664-672	6	16
168	Cyclodextrin-grafted poly(anhydride) nanoparticles for oral glibenclamide administration. In vivo evaluation using <i>C. elegans</i> . <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 547, 97-105	6.5	16
167	Immunogenic Cell Death Activates the Tumor Immune Microenvironment to Boost the Immunotherapy Efficiency. <i>Advanced Science</i> , <b>2021</b> , 1734	13.6	16
166	Toxicity evaluation of nanocarriers for the oral delivery of macromolecular drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 97, 206-17	5.7	15
165	Cell labeling efficiency of layer-by-layer self-assembly modified silica nanoparticles. <i>Journal of Materials Research</i> , <b>2009</b> , 24, 1317-1321	2.5	15
164	Intradermal immunization with ovalbumin-loaded poly-epsilon-caprolactone microparticles conferred protection in ovalbumin-sensitized allergic mice. <i>Clinical and Experimental Allergy</i> , <b>2007</b> , 37, 287-95	4.1	15
163	Protective ability of subcellular extracts from <i>Salmonella</i> Enteritidis and from a rough isogenic mutant against salmonellosis in mice. <i>Vaccine</i> , <b>2005</b> , 23, 1491-501	4.1	15
162	Determination of particle concentration in latexes by turbidimetry. <i>International Journal of Pharmaceutics</i> , <b>1993</b> , 90, R9-R12	6.5	15
161	Synthesis of amphiphilic superparamagnetic Fe <sub>3</sub> O <sub>4</sub> Janus nanoparticles via a moderate strategy and their controllable self-assembly. <i>RSC Advances</i> , <b>2016</b> , 6, 40450-40458	3.7	15
160	Reactive Oxygen Species (ROS)-Degradable Polymeric Nanoplatform for Hypoxia-Targeted Gene Delivery: Unpacking DNA and Reducing Toxicity. <i>Biomacromolecules</i> , <b>2019</b> , 20, 1899-1913	6.9	14
159	Tailoring the Supramolecular Structure of Guanidynylated Pullulan toward Enhanced Genetic Photodynamic Therapy. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2214-2226	6.9	14
158	Evaluation of the treatment with resveratrol-loaded nanoparticles in intestinal injury model caused by ischemia and reperfusion. <i>Toxicology</i> , <b>2018</b> , 396-397, 13-22	4.4	14
157	Effects of material and surface functional group on collagen self-assembly and subsequent cell adhesion behaviors. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 116, 303-8	6	14
156	Design and influence of gamma-irradiation on the biopharmaceutical properties of nanoparticles containing an antigenic complex from <i>Brucella ovis</i> . <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 37, 563-72	5.1	14
155	Amphiphilic dextran/magnetite nanocomposites as magnetic resonance imaging probes. <i>Science Bulletin</i> , <b>2009</b> , 54, 2925-2933		14
154	Electrophoretic separation and characterisation of gliadin fractions from isolates and nanoparticulate drug delivery systems. <i>Chromatographia</i> , <b>1999</b> , 50, 243-246	2.1	14

153	HPLC determination of antioxidant synergists and ascorbic acid in some fatty pharmaceuticals, cosmetics and food. <i>Chromatographia</i> , <b>1993</b> , 35, 232-236	2.1	14
152	GSH-sensitive polymeric prodrug: Synthesis and loading with photosensitizers as nanoscale chemo-photodynamic anti-cancer nanomedicine.. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> , 12, 424-436	15.5	14
151	Advances in nanomedicines for diagnosis of central nervous system disorders. <i>Biomaterials</i> , <b>2021</b> , 269, 120492	15.6	14
150	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> , <b>2018</b> , 83, 110-117	5.5	13
149	Nanoparticles from Gantrez <sup>®</sup> AN-poly(ethylene glycol) conjugates as carriers for oral delivery of docetaxel. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 571, 118699	6.5	13
148	Adjuvants for allergy immunotherapeutics. <i>Human Vaccines and Immunotherapeutics</i> , <b>2017</b> , 13, 2416-2427	7.4	13
147	Investigation of PEG-PLGA-PEG nanoparticles-based multipolyplexes for IL-18 gene delivery. <i>Journal of Biomaterials Applications</i> , <b>2012</b> , 26, 893-916	2.9	13
146	Gantrez AN nanoparticles for ocular delivery of memantine: in vitro release evaluation in albino rabbits. <i>Ophthalmic Research</i> , <b>2012</b> , 48, 109-17	2.9	13
145	Low aggregation magnetic polyethyleneimine complexes with different saturation magnetization for efficient gene transfection in vitro and in vivo. <i>RSC Advances</i> , <b>2013</b> , 3, 23571	3.7	13
144	Cyclodextrin/poly(anhydride) nanoparticles as drug carriers for the oral delivery of atovaquone. <i>Biomedical Microdevices</i> , <b>2011</b> , 13, 1015-25	3.7	13
143	Chemical and biological factors in the control of Brucella and brucellosis. <i>Current Drug Delivery</i> , <b>2006</b> , 3, 359-65	3.2	13
142	Multi-Responsive "Turn-On" Nanocarriers for Efficient Site-Specific Gene Delivery In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2799-2812	10.1	13
141	Redox dual-responsive dendrimeric nanoparticles for mutually synergistic chemo-photodynamic therapy to overcome drug resistance. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 1210-1221	11.7	13
140	In vitro evaluation of the genotoxicity of poly(anhydride) nanoparticles designed for oral drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 523, 418-426	6.5	12
139	Confined Pool-Buried Water-Soluble Nanoparticles from Reverse Micelles. <i>Langmuir</i> , <b>2017</b> , 33, 5275-5284	7.4	12
138	Mannosylated Nanoparticles for Oral Immunotherapy in a Murine Model of Peanut Allergy. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 2421-2429	3.9	12
137	Zein-based nanoparticles for the oral delivery of insulin. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 1601-1611	6.2	12
136	Pegylated poly(anhydride) nanoparticles for oral delivery of docetaxel. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 118, 165-175	5.1	12

135	Double-sided coordination assembly: superparamagnetic composite microspheres with layer-by-layer structure for protein separation. <i>RSC Advances</i> , <b>2014</b> , 4, 1055-1061	3.7	12
134	Towards a non-living vaccine against <i>Shigella flexneri</i> : from the inactivation procedure to protection studies. <i>Methods</i> , <b>2013</b> , 60, 264-8	4.6	12
133	Acellular vaccines for ovine brucellosis: a safer alternative against a worldwide disease. <i>Expert Review of Vaccines</i> , <b>2012</b> , 11, 87-95	5.2	12
132	The effect of thiamine-coating nanoparticles on their biodistribution and fate following oral administration. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 128, 81-90	5.1	12
131	Synergistic Therapy of a Naturally Inspired Glycopolymer-Based Biomimetic Nanomedicine Harnessing Tumor Genomic Instability. <i>Advanced Materials</i> , <b>2021</b> , 33, e2104594	24	12
130	Superparamagnetic nanocomposites based on surface imprinting for biomacromolecular recognition. <i>Materials Science and Engineering C</i> , <b>2017</b> , 70, 1076-1080	8.3	11
129	Tailoring the supramolecular structure of amphiphilic glycopolyptide analogue toward liver targeted drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 525, 191-202	6.5	11
128	Zein nanoparticles improve the oral bioavailability of resveratrol in humans. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 57, 101704	4.5	11
127	In vivo efficacy of bevacizumab-loaded albumin nanoparticles in the treatment of colorectal cancer. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 635-645	6.2	11
126	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> , <b>2018</b> , 127, 51-60	5.7	11
125	Electroneutralized amphiphilic triblock copolymer with a peptide dendron for efficient muscular gene delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 15344-51	9.5	11
124	Polymeric micelles with small lipophilic moieties for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 116, 627-32	6	11
123	Supramolecular structure of glibenclamide and $\beta$ -cyclodextrins complexes. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 530, 377-386	6.5	11
122	Functionalization of biodegradable hyperbranched poly(malic acid) as a nanocarrier platform for anticancer drug delivery. <i>RSC Advances</i> , <b>2015</b> , 5, 13157-13165	3.7	11
121	Bioinspired Therapeutic Dendrimers as Efficient Peptide Drugs Based on Supramolecular Interactions for Tumor Inhibition. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4363-4368	3.6	11
120	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> , <b>2019</b> , 52, 379-385	4.5	10
119	Combination of paromomycin plus human anti-TNF- $\alpha$ antibodies to control the local inflammatory response in BALB/ mice with cutaneous leishmaniasis lesions. <i>Journal of Dermatological Science</i> , <b>2018</b> , 92, 78-88	4.3	10
118	Oral immunotherapy using polymeric nanoparticles loaded with peanut proteins in a murine model of fatal anaphylaxis. <i>Immunotherapy</i> , <b>2017</b> , 9, 1205-1217	3.8	10



117	Maternal Vaccination. Immunization of Sows during Pregnancy against ETEC Infections. <i>Vaccines</i> , <b>2017</b> , 5,	5.3	10
116	Influence of the chitosan nature on the transfection efficacy of DNA-loaded nanoparticles after hydrodynamic administration in mice. <i>Journal of Microencapsulation</i> , <b>2010</b> , 27, 460-9	3.4	10
115	Cytotoxicity and hemocompatibility of a family of novel MeO-PEG-poly (D,L-lactic-co-glycolic acid)-PEG-OMe triblock copolymer nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 113, 2933-2944	2.9	10
114	Study on the Cyclodextrin/poly(ethylene glycol) self-assembly supramolecular nanoparticles for drug delivery. <i>Science China Chemistry</i> , <b>2010</b> , 53, 495-501	7.9	10
113	Leveraging disulfiram to treat cancer: Mechanisms of action, delivery strategies, and treatment regimens.. <i>Biomaterials</i> , <b>2021</b> , 281, 121335	15.6	10
112	Berberine-Loaded Liposomes for the Treatment of -Infected BALB/c Mice. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
111	Functional gadolinium-based nanoscale systems for cancer theranostics. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 482-512	11.7	10
110	Topical immunization using a nanoemulsion containing bacterial membrane antigens. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 42, 207-214	4.5	9
109	Toxicity and biodistribution of orally administered casein nanoparticles. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 106, 477-486	4.7	9
108	Modulation of the fate of zein nanoparticles by their coating with a Gantrez <sup>®</sup> AN-thiamine polymer conjugate. <i>International Journal of Pharmaceutics: X</i> , <b>2019</b> , 1, 100006	3.2	9
107	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> , <b>2020</b> , 37, 242-253	3.4	9
106	A combination of nanosystems for the delivery of cancer chemoimmunotherapeutic combinations: 1-Methyltryptophan nanocrystals and paclitaxel nanoparticles. <i>Pharmacological Research</i> , <b>2017</b> , 126, 77-83	10.2	9
105	Synthesis, characterization, and drug delivery of amphiphilic poly{[(lactic acid)-co-[(glycolic acid)-alt-(L-glutamic acid)]]-g-poly(ethylene glycol)}. <i>Macromolecular Research</i> , <b>2012</b> , 20, 250-258	1.9	9
104	Optimization of the entrapment of bacterial cell envelope extracts into microparticles for vaccine delivery. <i>Journal of Microencapsulation</i> , <b>2006</b> , 23, 169-81	3.4	9
103	RESEARCH NOTE - Evaluation and Characterisation of Gliadin Nanoparticles and Isolates by Reversed-Phase HPLC. <i>Journal of Cereal Science</i> , <b>2000</b> , 31, 223-228	3.8	9
102	A Bacteria-Inspired Morphology Genetic Biomedical Material: Self-Propelled Artificial Microbots for Metastatic Triple Negative Breast Cancer Treatment. <i>ACS Nano</i> , <b>2021</b> , 15, 4845-4860	16.7	9
101	Terminal Acetylated/Acrylated Poly(ethylene glycol) Fabricated Drug Carriers: Design, Synthesis, and Biological Evaluation. <i>Biomacromolecules</i> , <b>2017</b> , 18, 1956-1964	6.9	8
100	Understanding the basis of transcutaneous vaccine delivery. <i>Therapeutic Delivery</i> , <b>2019</b> , 10, 63-80	3.8	8

99	Covalent capture of supramolecular species in an aqueous solution of water-miscible small organic molecules. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 10477-10487	3.6	8
98	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> , <b>2020</b> , 8, 1157-1170	7.3	8
97	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> , <b>2018</b> , 163, 64-72	6	8
96	Pegylated nanoparticles for the oral delivery of nimodipine: Pharmacokinetics and effect on the anxiety and cognition in mice. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 543, 245-256	6.5	8
95	Dissolving Microneedles for Intradermal Vaccination against Shigellosis. <i>Vaccines</i> , <b>2019</b> , 7,	5.3	8
94	Interaction of amphotericin B with polymeric colloids: 2. Effect of poloxamer on the adsorption of amphotericin B onto poly( $\epsilon$ -caprolactone) nanospheres. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1998</b> , 11, 203-212	6	8
93	Micro-organism-like nanoparticles for oral antigen delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2008</b> , 18, 31-39	4.5	8
92	Stimuli-sensitive Linear-dendritic Block Copolymer-drug Prodrug As Nano-platform for Tumor Combination Therapy. <i>Advanced Materials</i> , <b>2021</b> , e2108049	24	8
91	Towards a subunit vaccine from a <i>Shigella flexneri</i> $\beta$ olR mutant. <i>Vaccine</i> , <b>2018</b> , 36, 7509-7519	4.1	8
90	An efficient method for in vitro gene delivery via regulation of cellular endocytosis pathway. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 1667-78	7.3	7
89	Encapsulation of Phase Change Materials Using Layer-by-Layer Assembled Polyelectrolytes. <i>International Journal of Polymer Science</i> , <b>2015</b> , 2015, 1-6	2.4	7
88	Pluronic L64-mediated stable HIF-1 $\alpha$ expression in muscle for therapeutic angiogenesis in mouse hindlimb ischemia. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 3439-52	7.3	7
87	RP-LC determination of 5-fluorouridine in nanoparticulate formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 28, 857-66	3.5	7
86	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> , <b>2021</b> , 64, 101809	4.5	7
85	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> , <b>2021</b> , 10, e2001850 <sup>10.1</sup>		7
84	Bioreducible nanocapsules for folic acid-assisted targeting and effective tumor-specific chemotherapy. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 653-667	7.3	7
83	Tumor-Oriented Telomerase-Terminated Nanoplatfom as Versatile Strategy for Multidrug Resistance Reversal in Cancer Treatment. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901739	10.1	6
82	Preparation and Biosafety Evaluation of the Peptide Dendron Functionalized Mesoporous Silica Nanohybrid. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 27-36	4.9	6

81	Polymer-entanglement-driven coassembly of hybrid superparamagnetic nanoparticles: Tunable structures and flexible functionalization. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 263-273	9.3	6
80	Superparamagnetic maghemite loaded poly ( $\epsilon$ -caprolactone) nanocapsules : characterization and synthesis optimization. <i>Revista Materia</i> , <b>2014</b> , 19, 40-52	0.8	6
79	Stability of poly(epsilon-caprolactone) microparticles containing Brucella ovis antigens as a vaccine delivery system against brucellosis. <i>AAPS PharmSciTech</i> , <b>2008</b> , 9, 1063-9	3.9	6
78	Synergistic Disruption of Metabolic Homeostasis Through Hyperbranched Poly(ethylene glycol) Conjugates As Nanotherapeutics to Constrain Cancer Growth.. <i>Advanced Materials</i> , <b>2022</b> , e2109036	24	6
77	Bovine serum albumin modified the intracellular distribution and improved the antiviral activity of an oligonucleotide. <i>Journal of Drug Targeting</i> , <b>2003</b> , 11, 197-204	5.4	6
76	Effective protection of mice against Shigella flexneri with a new self-adjuvant multicomponent vaccine. <i>Journal of Medical Microbiology</i> , <b>2017</b> , 66, 946-958	3.2	6
75	Dendronized hyaluronic acid-docetaxel conjugate as a stimuli-responsive nano-agent for breast cancer therapy. <i>Carbohydrate Polymers</i> , <b>2021</b> , 267, 118160	10.3	6
74	Framework effect of amphiphilic polyesters on their molecular movement and protein adsorption-resistance properties. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 125, 213-21	6	5
73	Intranasal delivery system of bacterial antigen using thermosensitive hydrogels based on a Pluronic-Gantrez conjugate. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 579, 119154	6.5	5
72	Poly(ethylene oxide)-block-poly(n-butyl acrylate)-block-poly(acrylic acid) triblock terpolymers with highly asymmetric hydrophilic blocks: synthesis and aqueous solution properties. <i>Soft Matter</i> , <b>2013</b> , 9, 8745	3.6	5
71	Co-encapsulated CpG oligodeoxynucleotides and ovalbumin in PLGA microparticles; an in vitro and in vivo study. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2014</b> , 17, 541-53	3.4	5
70	Different approaches for determination of the attachment degree of polyethylene glycols to poly(anhydride) nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , <b>2010</b> , 36, 676-80	3.6	5
69	New methodologies to characterize the effectiveness of the gene transfer mediated by DNA-chitosan nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2008</b> , 3, 451-60	7.3	5
68	Stability of some phenolic antioxidants in fatty preparations. <i>Pharmaceutica Acta Helvetiae</i> , <b>1993</b> , 68, 135-40		5
67	Synthesis of Electroneutralized Amphiphilic Copolymers with Peptide Dendrons for Intramuscular Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13724-34	9.5	5
66	Evaluation of Skin Permeation and Retention of Topical Dapsone in Murine Cutaneous Leishmaniasis Lesions. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	5
65	A dendritic polymer-based nanosystem mediates drug penetration and irreversible endoplasmic reticulum stresses in tumor via neighboring effect.. <i>Advanced Materials</i> , <b>2022</b> , e2201200	24	5
64	Synthesis and Cytocompatibility of Biodegradable Poly (L-Lactide-r-5-Hydroxyl Trimethylene Carbonate) Copolymer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2015</b> , 52, 218-225 <sup>2,2</sup>		4

63	Interactions of poly (anhydride) nanoparticles with macrophages in light of their vaccine adjuvant properties. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 922-30	6.5	4
62	Static Magnetic Field Dictates Protein Corona Formation on the Surface of Glutamine-Modified Superparamagnetic Iron Oxide Nanoparticles. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1700418	3.1	4
61	New pharmaceutical approaches for the treatment of food allergies. <i>Expert Opinion on Drug Delivery</i> , <b>2018</b> , 15, 675-686	8	4
60	Gene-Delivery Vectors: Viral Mimicking Ternary Polyplexes: A Reduction-Controlled Hierarchical Unpacking Vector for Gene Delivery (Adv. Mater. 10/2014). <i>Advanced Materials</i> , <b>2014</b> , 26, 1632-1632	24	4
59	Genotoxic evaluation of poly(anhydride) nanoparticles in the gastrointestinal tract of mice. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 530, 187-194	6.5	4
58	Rapid determination of intramacrophagic amphotericin B by direct injection HPLC. <i>Chromatographia</i> , <b>2000</b> , 52, 827-830	2.1	4
57	Oral Immunogenicity in Mice and Sows of Enterotoxigenic Escherichia Coli Outer-Membrane Vesicles Incorporated into Zein-Based Nanoparticles. <i>Vaccines</i> , <b>2019</b> , 8,	5.3	4
56	3,5-Dimethyl-4-isoxazolyl selenocyanate as promising agent for the treatment of Leishmania infantum-infected mice. <i>Acta Tropica</i> , <b>2021</b> , 215, 105801	3.2	4
55	Bacterium-mimicking sequentially targeted therapeutic nanocomplexes based on O-carboxymethyl chitosan and their cooperative therapy by dual-modality light manipulation. <i>Carbohydrate Polymers</i> , <b>2021</b> , 264, 118030	10.3	4
54	DNA Cleavage and Condensation Activities of Mono- and Binuclear Hybrid Complexes and Regulation by Graphene Oxide. <i>Molecules</i> , <b>2016</b> , 21,	4.8	4
53	Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 1129-1138	11.7	4
52	Co-solvent polarity controlled self-assembly of tetraphenylethylene-buried amphiphile for size-regulated tumor accumulation. <i>International Journal of Energy Production and Management</i> , <b>2018</b> , 5, 275-282	5.3	4
51	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> , <b>2022</b> , e2200048	24	4
50	Virus-Inspired Mimics: Dual-pH-Responsive Modular Nanoplatfoms for Programmable Gene Delivery without DNA Damage with the Assistance of Light. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22519-22533	9.5	3
49	Localized drug release and effective chemotherapy by hyperthermia-governed bubble-generating hybrid nanocapsule system. <i>Nanomedicine</i> , <b>2017</b> , 12, 2763-2783	5.6	3
48	Intracellular Drug Delivery: Smart Nanovehicles Based on pH-Triggered Disassembly of Supramolecular Peptide-Amphiphiles for Efficient Intracellular Drug Delivery (Small 6/2014). <i>Small</i> , <b>2014</b> , 10, 1030-1030	11	3
47	Micellization and controlled release properties of methoxy poly(ethylene glycol)-b-poly(D,L-lactide-co-trimethylene carbonate). <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2009</b> , 4, 104-109		3
46	Plant Protein-based Nanoparticles <b>2007</b> ,		3

45	New Therapeutic Approaches for the Treatment of Brucella Infections: Gentamicin Entrapment into Drug Delivery Systems. <i>Anti-Infective Agents in Medicinal Chemistry</i> , <b>2004</b> , 3, 43-56		3
44	Recent Advances in Nanomedicines for Multiple Sclerosis Therapy.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 6571-6597	4.1	3
43	Facile fabrication of multi-pocket nanoparticles with stepwise size transition for promoting deep penetration and tumor targeting. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 111	9.4	3
42	An Amphiphilic PEGylated Peptide Dendron-Gemcitabine Prodrug-Based Nanoagent for Cancer Therapy. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100111	4.8	3
41	Sub-50 nm Supramolecular Nanohybrids with Active Targeting Corona for Image-Guided Solid Tumor Treatment and Metastasis Inhibition. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103272	15.6	3
40	Zein-based nanocarriers for the oral delivery of insulin. In vivo evaluation in <i>Caenorhabditis elegans</i> . <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 11, 647-658	6.2	3
39	A tumor-activatable peptide supramolecular nanoplatform for the delivery of dual-gene targeted siRNAs for drug-resistant cancer treatment. <i>Nanoscale</i> , <b>2021</b> , 13, 4887-4898	7.7	3
38	Zein-Based Nanoparticles as Oral Carriers for Insulin Delivery.. <i>Pharmaceutics</i> , <b>2021</b> , 14,	6.4	3
37	Fabrication of hollow-structured composite microspheres with amphiphilic and superparamagnetic properties. <i>RSC Advances</i> , <b>2016</b> , 6, 14077-14083	3.7	2
36	ARGININE- AND ACRYLONITRILE-MODIFIED CHITOSAN NANOPARTICLES FOR ANTICANCER DRUG DELIVERY. <i>Nano</i> , <b>2014</b> , 09, 1450075	1.1	2
35	Formation of well-defined spherical particles during suspension polymerization of biodegradable poly(glycolide-co-p-dioxanone) in supercritical carbon dioxide. <i>RSC Advances</i> , <b>2012</b> , 2, 10365	3.7	2
34	Novel PLGGE graft polymeric micelles for doxorubicin delivery. <i>Science Bulletin</i> , <b>2012</b> , 57, 3994-4004		2
33	Albumin Nanoparticles <b>2007</b> ,		2
32	Self-assembly Polyrotaxanes Nanoparticles as Carriers for Anticancer Drug Methotrexate Delivery <b>2014</b> , 6, 108		2
31	Bimetallic-MOF-Derived Amorphous Zinc/Cobalt-Iron-Based Hollow Nanowall Arrays via Ion Exchange for Highly Efficient Oxygen Evolution. <i>Small</i> , <b>2021</b> , 17, e2104125	11	2
30	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> , <b>2020</b> , 39, 225-232	0.4	2
29	Protection Conferred by Drinking Water Administration of a Nanoparticle-Based Vaccine against Enteritidis in Hens. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	2
28	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> , <b>2018</b> , 30, 1870199	24	2

27	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> , <b>2021</b> , 64, 102590	4.5	2
26	Vaccine Based on Outer Membrane Vesicles Using Hydrogels as Vaccine Delivery System. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2182, 153-160	1.4	2
25	New adjuvants: from empiricism to science. <i>Expert Review of Vaccines</i> , <b>2009</b> , 8, 1333-7	5.2	1
24	Immune Response after Skin Delivery of a Recombinant Heat-Labile Enterotoxin B Subunit of Enterotoxigenic in Mice.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	1
23	Nanoparticles from Gantrez-based conjugates for the oral delivery of camptothecin. <i>International Journal of Pharmaceutics: X</i> , <b>2021</b> , 3, 100104	3.2	1
22	Development of a bacterial nanoparticle vaccine. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1225, 139-49	1.4	1
21	testing of mucus-permeating nanoparticles for oral insulin delivery using as a model under hyperglycemic conditions. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 989-1002	15.5	1
20	Protein Adsorption: Ligand-Free Fe <sub>3</sub> O <sub>4</sub> /CMCS Nanoclusters with Negative Charges for Efficient Structure-Selective Protein Adsorption (Small 17/2016). <i>Small</i> , <b>2016</b> , 12, 2248-2248	11	1
19	Toxicological Aspects of Polymer Nanoparticles <b>2016</b> , 521-550		1
18	Inhibitory Effects of Multivalent Polypeptides on the Proliferation and Metastasis of Breast Cancer Cells. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 1620-1627	4.3	1
17	Dendron-Functionalized Polyglutamate-Pyropheophorbide-a Conjugates as Nanomedicines for Breast Cancer Photodynamic Therapy. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100013	4.8	1
16	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> , <b>2021</b> , 19, 244	9.4	1
15	Vaccine Delivery Systems for Veterinary Immunization <b>2014</b> , 379-406		1
14	Oral Efficacy of a Diselenide Compound Loaded in Nanostructured Lipid Carriers in a Murine Model of Visceral Leishmaniasis. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 3197-3209	5.5	0
13	Changes in the nanoparticle uptake and distribution caused by an intramacrophagic parasitic infection. <i>Nanoscale</i> , <b>2021</b> , 13, 17486-17503	7.7	0
12	Development of a Bacterial Nanoparticle Vaccine Against Escherichia coli.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2410, 357-365	1.4	0
11	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> , <b>2016</b> , 5, 1992-1992	10.1	
10	Functional Dendrimers as Nanoscale Theranostic Vehicles for Cancer Treatment <b>2016</b> , 327-353		

- 9 Nanoparticles as Adjuvants for Vaccination. *Frontiers in Nanobiomedical Research*, **2014**, 407-439
- 8 Innenrücktitelbild: Bioinspired Therapeutic Dendrimers as Efficient Peptide Drugs Based on Supramolecular Interactions for Tumor Inhibition (Angew. Chem. 14/2015). *Angewandte Chemie*, **2015**, 127, 4477-4477 3.6
- 7 Dendritic Polymers as Targeting Nanoscale Drug Delivery Systems for Cancer Therapy **2014**, 29-60
- 6 Nanoparticles for the Oral Administration of Cancer Therapies. *Fundamental Biomedical Technologies*, **2011**, 487-509
- 5 Antigen Delivery Systems as Oral Adjuvants **2014**, 603-622
- 4 Self-assembly of amphiphilic tripeptides into nanoparticles for drug delivery. *Protein and Peptide Letters*, **2014**, 21, 194-9 1.9
- 3 An advanced micelle-based biodegradable HPMA polymer-gadolinium contrast agent for MR imaging of murine vasculatures and tumors. *Polymer Chemistry*, **2020**, 11, 6374-6386 4.9
- 2 Mucus-penetrating nanocarriers **2021**, 137-152
- 1 Experimental vaccination with nanoparticles containing Escherichia coli virulence factors **2021**, 3-27