Nanomedicine: current status and future prospects

FASEB Journal 19, 311-330 DOI: 10.1096/fj.04-2747rev

Citation Report

#	Article	IF	CITATIONS
1	A two-stage poly(ethylenimine)-mediated cytotoxicity: implications for gene transfer/therapy. Molecular Therapy, 2005, 11, 990-995.	3.7	967
2	Nanomedicine gets clinical. Materials Today, 2005, 8, 16-17.	8.3	27
3	Nanotechnology in Cancer Detection and Treatment. Technology in Cancer Research and Treatment, 2005, 4, 583-583.	0.8	12
4	Nanoparticle-induced platelet aggregation and vascular thrombosis. British Journal of Pharmacology, 2005, 146, 882-893.	2.7	546
5	Capillary Electrophoresis of Poly(amidoamine) Dendrimers:  From Simple Derivatives to Complex Multifunctional Medical Nanodevices. Molecular Pharmaceutics, 2005, 2, 278-294.	2.3	53
6	Low and high molecular weight poly(l-lysine)s/poly(l-lysine)-DNA complexes initiate mitochondrial-mediated apoptosis differently. FEBS Letters, 2005, 579, 6191-6198.	1.3	109
8	Nanoparticle Imaging of Integrins on Tumor Cells. Neoplasia, 2006, 8, 214-222.	2.3	226
9	Controlling Chemical Reactivity at Solidâ^'Solution Interfaces by Means of Hydrophobic Magnetic Nanoparticles. Langmuir, 2006, 22, 1409-1419.	1.6	53
11	HPLC analysis of functionalized poly(amidoamine) dendrimers and the interaction between a folate-dendrimer conjugate and folate binding protein. Analyst, The, 2006, 131, 842.	1.7	40
12	Combining cell therapy and nanotechnology. Expert Opinion on Biological Therapy, 2006, 6, 971-981.	1.4	13
13	Solubilization of Single-Wall Carbon Nanohorns Using a PEGâ^Doxorubicin Conjugate. Molecular Pharmaceutics, 2006, 3, 407-414.	2.3	106
14	Titanium dioxide nanoparticles induce emphysemaâ€ŀike lung injury in mice. FASEB Journal, 2006, 20, 2393-2395.	0.2	281
15	Nanomedicine. Clinical Pharmacokinetics, 2006, 45, 965-988.	1.6	150
16	Toward a treaty on safety and cost-effectiveness of pharmaceuticals and medical devices: enhancing an endangered global public good. Globalization and Health, 2006, 2, 5.	2.4	10
17	Nanoparticulate drug carriers for delivery of HIV/AIDS therapy to viral reservoir sites. Expert Opinion on Drug Delivery, 2006, 3, 613-628.	2.4	88
18	Nanoparticles: Health Effects—Pros and Cons. Environmental Health Perspectives, 2006, 114, 1818-1825.	2.8	464
19	Methylation of the phosphate oxygen moiety of phospholipidâ€methoxy(polyethylene glycol) conjugate prevents PEGylated liposomeâ€mediated complement activation and anaphylatoxin production. FASEB Journal, 2006, 20, 2591-2593.	0.2	185
20	Cellular Uptake Mechanism of an Inorganic Nanovehicle and Its Drug Conjugates:Â Enhanced Efficacy Due To Clathrin-Mediated Endocytosis. Bioconjugate Chemistry, 2006, 17, 1411-1417.	1.8	224

CITATION REPORT	

#	Article	IF	CITATIONS
21	Toward Intelligent Nanosize Bioreactors:Â A pH-Switchable, Channel-Equipped, Functional Polymer Nanocontainer. Nano Letters, 2006, 6, 2349-2353.	4.5	231
22	Fusogenic liposomes and their suitability for gene delivery. Future Lipidology, 2006, 1, 735-742.	0.5	4
23	Micro-droplet formation utilizing microfluidic flow focusing and controllable moving-wall chopping techniques. Journal of Micromechanics and Microengineering, 2006, 16, 2403-2410.	1.5	69
24	Self-Assembled "Dock and Lock―System for Linking Payloads to Targeting Proteins. Bioconjugate Chemistry, 2006, 17, 912-919.	1.8	35
25	Peptide-Based Biomaterials for Protease-Enhanced Drug Delivery. Biomacromolecules, 2006, 7, 1261-1265.	2.6	90
26	Formation and Characterization of Polyglutamate Coreâ^'Shell Microspheres. Journal of the American Chemical Society, 2006, 128, 6540-6541.	6.6	71
27	Drug and Gene Delivery Based on Supramolecular Assembly of PEG-Polypeptide Hybrid Block Copolymers. , 0, , 113-153.		119
28	New-concept chemotherapy by nanoparticles of biodegradable polymers: where are we now?. Nanomedicine, 2006, 1, 297-309.	1.7	1,240
30	Aptamers and Cancer Nanotechnology. , 2006, , 289-313.		2
31	Passive Targeting of Solid Tumors. , 2006, , 11-18.		1
31 32	Passive Targeting of Solid Tumors. , 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy. , 2006, , 595-611.		1
31 32 33	Passive Targeting of Solid Tumors., 2006,, 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy., 2006,, 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications., 2006,, 19-42.		1 3 1
31 32 33 34	Passive Targeting of Solid Tumors., 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy., 2006, , 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications., 2006, , 19-42. The effect of methoxy-PEG chain length and molecular architecture on lymph node targeting of immuno-PEG liposomes. Biomaterials, 2006, 27, 136-144.	5.7	1 3 1 73
31 32 33 34 35	Passive Targeting of Solid Tumors., 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy., 2006, , 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications., 2006, , 19-42. The effect of methoxy-PEG chain length and molecular architecture on lymph node targeting of immuno-PEG liposomes. Biomaterials, 2006, 27, 136-144. Nanoscopic core-shell drug carriers made of amphiphilic triblock and star-diblock copolymers. International Journal of Pharmaceutics, 2006, 324, 56-66.	5.7	1 3 1 73 71
 31 32 33 34 35 36 	Passive Targeting of Solid Tumors., 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy., 2006, , 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications., 2006, , 19-42. The effect of methoxy-PEG chain length and molecular architecture on lymph node targeting of immuno-PEG liposomes. Biomaterials, 2006, 27, 136-144. Nanoscopic core-shell drug carriers made of amphiphilic triblock and star-diblock copolymers. International Journal of Pharmaceutics, 2006, 324, 56-66. Preparation and characterization of hydrophobic superparamagnetic magnetite gel. Journal of Magnetism and Magnetic Materials, 2006, 306, 248-253.	5.7 2.6 1.0	1 3 1 73 71 184
 31 32 33 34 35 36 37 	 Passive Targeting of Solid Tumors. , 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy. , 2006, , 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications. , 2006, , 19-42. The effect of methoxy-PEG chain length and molecular architecture on lymph node targeting of immuno-PEG liposomes. Biomaterials, 2006, 27, 136-144. Nanoscopic core-shell drug carriers made of amphiphilic triblock and star-diblock copolymers. International Journal of Pharmaceutics, 2006, 324, 56-66. Preparation and characterization of hydrophobic superparamagnetic magnetite gel. Journal of Magnetism and Magnetic Materials, 2006, 306, 248-253. From Advanced Biomedical Coatings to Multiâ€Functionalized Biomaterials. Journal of Macromolecular Science - Reviews in Macromolecular Charistry and Physics, 2006, 47-375. 	5.7 2.6 1.0 2.2	1 3 1 73 71 184 82
 31 32 33 34 35 36 37 38 	Passive Targeting of Solid Tumors., 2006, , 11-18. Applications of Liposomal Drug Delivery Systems to Cancer Therapy., 2006, , 595-611. Active Targeting Strategies in Cancer with a Focus on Potential Nanotechnology Applications., 2006, , 19-42. The effect of methoxy-PEG chain length and molecular architecture on lymph node targeting of immuno-PEG liposomes. Biomaterials, 2006, 27, 136-144. Nanoscopic core-shell drug carriers made of amphiphilic triblock and star-diblock copolymers. International Journal of Pharmaceutics, 2006, 324, 56-66. Preparation and characterization of hydrophobic superparamagnetic magnetite gel. Journal of Magnetic Materials, 2006, 306, 248-253. From Advanced Biomedical Coatings to MultiâcFunctionalized Biomaterials. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2006, 46, 347-375. Imparting size, shape, and composition control of materials for nanomedicine. Chemical Society Reviews, 2006, 35, 1095.	5.7 2.6 1.0 2.2 18.7	1 3 1 73 71 184 82 354

#	Article	IF	CITATIONS
40	Nanoparticle–aptamer bioconjugates for cancer targeting. Expert Opinion on Drug Delivery, 2006, 3, 311-324.	2.4	245
41	Molecular hurdles in polyfectin design and mechanistic background to polycation induced cytotoxicityâ ⁻ †. Advanced Drug Delivery Reviews, 2006, 58, 1523-1531.	6.6	424
42	Particulate nanomedicinesa~†. Advanced Drug Delivery Reviews, 2006, 58, 1451-1455.	6.6	43
43	Delivering nanotechnology to the healthcare, IT and environmental sectors — A perspective from the †London centre for nanotechnology'. BT Technology Journal, 2006, 24, 175-183.	0.6	4
45	The pinpoint promise of nanoparticle-based drug delivery and molecular diagnosis. New Biotechnology, 2006, 23, 171-184.	2.7	282
46	Medical nanotechnology in the UK: a perspective from the London Centre for Nanotechnology. Nanomedicine: Nanotechnology, Biology, and Medicine, 2006, 2, 42-48.	1.7	20
47	Nanotechnology: A Focus on Nanoparticles as a Drug Delivery System. Journal of NeuroImmune Pharmacology, 2006, 1, 340-350.	2.1	222
48	Nanomedicine for respiratory diseases. European Journal of Pharmacology, 2006, 533, 341-350.	1.7	196
49	Therapeutic possibilities of plasmonically heated gold nanoparticles. Trends in Biotechnology, 2006, 24, 62-67.	4.9	577
50	Effect of mannose density on mannose receptor-mediated cellular uptake of mannosylated O/W emulsions by macrophages. Journal of Controlled Release, 2006, 114, 193-201.	4.8	77
51	Lipid-based nanoparticles for contrast-enhanced MRI and molecular imaging. NMR in Biomedicine, 2006, 19, 142-164.	1.6	510
52	Nanomaterials characterization: Structures, compositions, and properties. Microscopy Research and Technique, 2006, 69, 519-521.	1.2	0
53	Wavelength and Intensity Multiplexing of Metal Nanoparticles for the Fabrication of Multicolored Micro- and Nanospheres. Advanced Functional Materials, 2006, 16, 1015-1021.	7.8	19
54	Polymeric Nanoparticles as Drug Carriers and Controlled Release Implant Devices. , 2006, , 29-42.		9
55	Nanomedicine: Techniques, Potentials, and Ethical Implications. Journal of Biomedicine and Biotechnology, 2006, 2006, 1-11.	3.0	77
57	Oral nanoparticle-based antituberculosis drug delivery to the brain in an experimental model. Journal of Antimicrobial Chemotherapy, 2006, 57, 1146-1152.	1.3	103
58	Nanoparticle Targeting for Drug Delivery Across the Blood–Brain Barrier. , 0, , 160-169.		0
59	The Intersection of Biology and Materials Science. MRS Bulletin, 2006, 31, 19-27.	1.7	42

	Сітатіс	on Report	
#	Article	IF	CITATIONS
60	Bio-Applications of Nanoparticles. Advances in Experimental Medicine and Biology, 2007, , .	0.8	26
61	Human Heat Shock Protein 70 Enhances Tumor Antigen Presentation through Complex Formation and Intracellular Antigen Delivery without Innate Immune Signaling. Journal of Biological Chemistry, 2007, 282, 31688-31702.	1.6	111
62	Fullerene Nanomaterials Inhibit the Allergic Response. Journal of Immunology, 2007, 179, 665-672.	0.4	227
63	Presystemic Metabolism of Orally Administered Peptide Drugs and Strategies to Overcome It. Current Drug Metabolism, 2007, 8, 509-517.	0.7	37
64	Nanotoxicology. , 0, , .		70
65	Nano- and Microparticle-based Imaging of Cardiovascular Interventions: Overview. Radiology, 2007, 243, 340-347.	3.6	37
66	CHAINED LIGHTNING. Neurosurgery, 2007, 61, 1111-1130.	0.6	9
67	Possible therapeutic applications of single-chain antibodies in systemic autoimmune diseases. Expert Opinion on Biological Therapy, 2007, 7, 691-704.	1.4	3
68	Radioimmunotherapy with radioactive nanoparticles: First results of dosimetry for vascularized and necrosed solid tumors. Medical Physics, 2007, 34, 4504-4513.	1.6	17
69	Characterization of the Theorectical Radiation Dose Enhancement from Nanoparticles. Technology in Cancer Research and Treatment, 2007, 6, 395-401.	0.8	143
70	"Smart―Drug Carriers: PEGylated TATp-Modified pH-Sensitive Liposomes. Journal of Liposome Researcl 2007, 17, 197-203.	h, 1.5	124
71	Biocompatibility of Near-IR Sensitive Au-Based Nanoparticles as the Potential Drug Delivery Carriers. Key Engineering Materials, 2007, 334-335, 1177-1180.	0.4	1
72	Drug Discovery and Delivery in the 21st Century. Medical Principles and Practice, 2007, 16, 1-14.	1.1	24
75	Nanotecnologia farmacêutica aplicada ao tratamento da malária. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2007, 43, 503-514.	0.5	11
76	Bionanotechnology: its applications and relevance to healthcare. International Journal of Biomedical Engineering and Technology, 2007, 1, 41.	0.2	7
79	ETIOPATHOLOGICAL FACTORS RELATED TO HYDROCEPHALUS ASSOCIATED WITH VESTIBULAR SCHWANNOMA. Neurosurgery, 2007, 61, 1186-1193.	0.6	39
80	Cellular responses to nanoparticles: Target structures and mechanisms. Nanotoxicology, 2007, 1, 52-71.	1.6	428
81	Magnetic and fluorescent nanoparticles for multimodality imaging. Nanomedicine, 2007, 2, 307-324.	1.7	160

#	Article	IF	CITATIONS
82	Fate of micelles and quantum dots in cells. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 65, 270-281.	2.0	148
83	Formation of Block Copolymer-Protected Nanoparticles via Reactive Impingement Mixing. Langmuir, 2007, 23, 10499-10504.	1.6	77
84	Peptide-Conjugated Gold Nanorods for Nuclear Targeting. Bioconjugate Chemistry, 2007, 18, 1490-1497.	1.8	329
85	Nanomaterials and nanoparticles: Sources and toxicity. Biointerphases, 2007, 2, MR17-MR71.	0.6	2,686
86	Nano Neurology and the Four P's of Central Nervous System Regeneration: Preserve, Permit, Promote, Plasticity. Medical Clinics of North America, 2007, 91, 937-962.	1.1	31
87	Synthesis of Symmetrical and Unsymmetrical PAMAM Dendrimers by Fusion between Azide- and Alkyne-Functionalized PAMAM Dendrons. Bioconjugate Chemistry, 2007, 18, 579-584.	1.8	61
88	Preparation of anionic poly(Îμ-caprolactone)-poly(ethylene glycol)-poly(Îμ-caprolactone) copolymeric nanoparticles as basic protein antigen carrier. Growth Factors, 2007, 25, 202-208.	0.5	24
89	Anticancer Polymeric Nanomedicines. Polymer Reviews, 2007, 47, 345-381.	5.3	270
90	Encapsulation of Paclitaxel in Macromolecular Nanoshells. Biomacromolecules, 2007, 8, 2004-2010.	2.6	28
91	Producing Nanoparticles Using Precipitation with Compressed Antisolvent. Industrial & Engineering Chemistry Research, 2007, 46, 3580-3589.	1.8	18
92	Transporter-to-Trap Conversion:  a Disulfide Bond Formation in Cellular Retinoic Acid Binding Protein I Mutant Triggered by Retinoic Acid Binding Irreversibly Locks the Ligand Inside the Protein. Biochemistry, 2007, 46, 13382-13390.	1.2	5
93	Targeted nanoparticle-based drug delivery and diagnosis. Journal of Drug Targeting, 2007, 15, 163-183.	2.1	189
94	Luminescent Silica Nanobeads:Â Characterization and Evaluation as Efficient Cytoplasmatic Transporters for T-Lymphocytes. Journal of the American Chemical Society, 2007, 129, 7814-7823.	6.6	26
95	There's plenty of room at the forum: Potential risks and safety assessment of engineered nanomaterials. Nanotoxicology, 2007, 1, 73-84.	1.6	44
96	Nanoparticle technology in bone tissue engineering. Journal of Drug Targeting, 2007, 15, 241-252.	2.1	109
97	BioNanotechnology. Synthesis Lectures on Biomedical Engineering, 2007, 2, 1-139.	0.1	24
98	Particulate nanomedicine in the footsteps of platelet homing. Nanomedicine, 2007, 2, 381-384.	1.7	1
99	Future Approaches of Nanomedicine in Clinical Science. Medical Clinics of North America, 2007, 91, 963-1016.	1.1	19

#	Article	IF	CITATIONS
100	Gold nanocages for cancer detection and treatment. Nanomedicine, 2007, 2, 657-668.	1.7	140
101	Gene Delivery into Cells and Tissues. , 2007, , 493-515.		0
102	Design aspects of poly(alkylcyanoacrylate) nanoparticles for drug delivery. Journal of Drug Targeting, 2007, 15, 641-663.	2.1	109
103	Synthesis, characterization, and intracellular uptake of carboxyl-terminated poly(amidoamine) dendrimer-stabilized iron oxide nanoparticles. Physical Chemistry Chemical Physics, 2007, 9, 5712.	1.3	165
104	Antibiofouling Polymer-Coated Gold Nanoparticles as a Contrast Agent for in Vivo X-ray Computed Tomography Imaging. Journal of the American Chemical Society, 2007, 129, 7661-7665.	6.6	815
105	Multiple Functions and Clinical Uses of Caveolae in Endothelium. , 2007, , 664-678.		2
107	Self-Assembly of an Alkylated Guanosine Derivative into Ordered Supramolecular Nanoribbons in Solution and on Solid Surfaces. Chemistry - A European Journal, 2007, 13, 3757-3764.	1.7	53
108	Biological Barriers to Nanocarrier-Mediated Delivery of Therapeutic and Imaging Agents. , 0, , 261-284.		1
109	Organic Nanoparticles: Adapting Emerging Techniques from the Electronics Industry for the Generation of Shape-Specific, Functionalized Carriers for Applications in Nanomedicine. , 0, , 285-303.		2
110	Nanomedicine for drug delivery and imaging: A promising avenue for cancer therapy and diagnosis using targeted functional nanoparticles. International Journal of Cancer, 2007, 120, 2527-2537.	2.3	553
111	Compartmentalized, multiphasic nanocolloids with potential applications in drug delivery and biomedical imaging. Materialwissenschaft Und Werkstofftechnik, 2007, 38, 1008-1011.	0.5	24
112	Chemical modification of therapeutic drugs or drug vector systems to achieve targeted therapy: Looking for the grail. Medicinal Research Reviews, 2007, 27, 574-590.	5.0	78
113	Novel drug delivery system of hollow mesoporous silica nanocapsules with thin shells: Preparation and fluorescein isothiocyanate (FITC) release kinetics. Colloids and Surfaces B: Biointerfaces, 2007, 58, 180-187.	2.5	54
114	Disruption of HepC2 cell adhesion by gold nanoparticle and Paclitaxel disclosed by in situ QCM measurement. Colloids and Surfaces B: Biointerfaces, 2007, 59, 100-104.	2.5	48
115	Biological applications of X-ray fluorescence microscopy: exploring the subcellular topography and speciation of transition metals. Current Opinion in Chemical Biology, 2007, 11, 121-127.	2.8	264
116	Modification of the Stewart biphasic colorimetric assay for stable and accurate quantitatitive determination of Pluronic and Tetronic block copolymers for application in biological systems. Analytical Biochemistry, 2007, 361, 287-293.	1.1	21
117	The present and future of nanotechnology in human health care. Nanomedicine: Nanotechnology, Biology, and Medicine, 2007, 3, 20-31.	1.7	714
118	The role of high-resolution imaging in the evaluation of nanosystems for bioactive encapsulation and targeted nanotherapy. Micron, 2007, 38, 804-818.	1.1	69

#	Article	IF	Citations
119	Regulation of adipocyte differentiation by PEGylated all-trans retinoic acid: reduced cytotoxicity and attenuated lipid accumulation. Journal of Nutritional Biochemistry, 2007, 18, 322-331.	1.9	26
120	Magnetic nanoparticles for drug delivery. Nano Today, 2007, 2, 22-32.	6.2	1,347
121	Translocation of particles and inflammatory responses after exposure to fine particles and nanoparticles in an epithelial airway model. Particle and Fibre Toxicology, 2007, 4, 9.	2.8	176
122	In vivo biodistribution and highly efficient tumour targeting of carbon nanotubes in mice. Nature Nanotechnology, 2007, 2, 47-52.	15.6	1,384
123	Towards an in vivo biologically inspired nanofactory. Nature Nanotechnology, 2007, 2, 3-7.	15.6	172
124	Exploiting nanotechnology to target cancer. British Journal of Cancer, 2007, 96, 1315-1319.	2.9	80
125	Targeting of Vulnerable Plaque Macrophages with Polymer-Based Nanostructures. Trends in Cardiovascular Medicine, 2007, 17, 190-196.	2.3	10
126	Nanofabricated particles for engineered drug therapies: A preliminary biodistribution study of PRINTâ,,¢ nanoparticles. Journal of Controlled Release, 2007, 121, 10-18.	4.8	293
127	Nanocarriers and Drug Delivery. , 2007, , 163-179.		4
128	Quantum Dots and Other Fluorescent Nanoparticles: Quo Vadis in the Cell?. Advances in Experimental Medicine and Biology, 2007, 620, 156-167.	0.8	22
129	Development of Small-Diameter Vascular Grafts. World Journal of Surgery, 2007, 31, 682-689.	0.8	170
130	Gold nanosphere-antibody conjugates for hyperthermal therapeutic applications. Gold Bulletin, 2007, 40, 121-129.	3.2	52
131	Nanomedicine–emerging or re-emerging ethical issues? A discussion of four ethical themes. Medicine, Health Care and Philosophy, 2007, 10, 173-184.	0.9	32
132	Targeted destruction of murine macrophage cells with bioconjugated gold nanorods. Journal of Nanoparticle Research, 2007, 9, 1109-1124.	0.8	125
133	Particle Size Analysis in Pharmaceutics: Principles, Methods and Applications. Pharmaceutical Research, 2007, 24, 203-227.	1.7	392
134	Novel Cyclic Phosphate Prodrug Approach for Cytochrome P450-activated Drugs Containing an Alcohol Functionality. Pharmaceutical Research, 2007, 24, 679-687.	1.7	20
135	Multifunctional Nanoparticulate Polyelectrolyte Complexes. Pharmaceutical Research, 2007, 24, 2353-2369.	1.7	131
136	Multiple-channel emulsion chips utilizing pneumatic choppers for biotechnology applications. Biomedical Microdevices, 2007, 9, 833-843.	1.4	11

#	Article	IF	CITATIONS
137	Novel photonic technique creates micrometer resolution protein arrays and provides a new approach to coupling of genes, peptide hormones and drugs to nanoparticle carriers. Applied Surface Science, 2007, 253, 8125-8129.	3.1	10
138	Synthetic microvascular networks for quantitative analysis of particle adhesion. Biomedical Microdevices, 2008, 10, 585-595.	1.4	64
139	A microfluidic chip for formation and collection of emulsion droplets utilizing active pneumatic micro-choppers and micro-switches. Biomedical Microdevices, 2008, 10, 749-756.	1.4	24
140	Iron-oxide embedded solid lipid nanoparticles for magnetically controlled heating and drug delivery. Biomedical Microdevices, 2008, 10, 785-793.	1.4	41
141	Radiation sterilization of medicinal formulations of doxorubicin bound to poly(butylcyanoacrylate) nanoparticles. Pharmaceutical Chemistry Journal, 2008, 42, 363-367.	0.3	3
142	Microfabricated Particles for Engineered Drug Therapies: Elucidation into the Mechanisms of Cellular Internalization of PRINT Particles. Pharmaceutical Research, 2008, 25, 2845-2852.	1.7	94
143	InÂvivo toxic studies and biodistribution of near infrared sensitive Au–Au2S nanoparticles as potential drug delivery carriers. Journal of Materials Science: Materials in Medicine, 2008, 19, 2581-2588.	1.7	48
144	Manufactured Aluminum Oxide Nanoparticles Decrease Expression of Tight Junction Proteins in Brain Vasculature. Journal of NeuroImmune Pharmacology, 2008, 3, 286-295.	2.1	233
145	Concentration and preservation of very low abundance biomarkers in urine, such as human growth hormone (hGH), by Cibacron Blue F3G-A loaded hydrogel particles. Nano Research, 2008, 1, 502-518.	5.8	55
146	Scalable Routes to Gold Nanoshells with Tunable Sizes and Response to Nearâ€Infrared Pulsedâ€Laser Irradiation. Small, 2008, 4, 1183-1195.	5.2	161
147	Soybeans as a Phytochemical Reservoir for the Production and Stabilization of Biocompatible Gold Nanoparticles. Small, 2008, 4, 1425-1436.	5.2	176
148	Designing poly(amido amine) dendrimers containing core diversities by click chemistry of the propargyl focal point poly(amido amine) dendrons. Journal of Polymer Science Part A, 2008, 46, 1083-1097.	2.5	47
149	Nanovehicular Intracellular Delivery Systems. Journal of Pharmaceutical Sciences, 2008, 97, 3518-3590.	1.6	296
150	Macrophage physiological function after superparamagnetic iron oxide labeling. NMR in Biomedicine, 2008, 21, 820-829.	1.6	84
151	Nanomedicine and its potential in diabetes research and practice. Diabetes/Metabolism Research and Reviews, 2008, 24, 604-610.	1.7	107
152	Effect of polymer architecture on surface properties, plasma protein adsorption, and cellular interactions of pegylated nanoparticles. Journal of Biomedical Materials Research - Part A, 2008, 87A, 885-895.	2.1	78
153	Silica nanoparticles encapsulating near-infrared emissive cyanine dyes. Journal of Colloid and Interface Science, 2008, 320, 132-139.	5.0	59
154	Polymeric nanomedicine for cancer therapy. Progress in Polymer Science, 2008, 33, 113-137.	11.8	453

#	Article	IF	CITATIONS
155	Determination of biological vector characteristics and nanoparticle dimensions for radioimmunotherapy with radioactive nanoparticles. Applied Radiation and Isotopes, 2008, 66, 168-172.	0.7	11
156	Nanotoxicology and nanomedicine: making hard decisions. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 167-171.	1.7	160
157	Injectable actarit-loaded solid lipid nanoparticles as passive targeting therapeutic agents for rheumatoid arthritis. International Journal of Pharmaceutics, 2008, 352, 273-279.	2.6	121
158	A novel injectable local hydrophobic drug delivery system: Biodegradable nanoparticles in thermo-sensitive hydrogel. International Journal of Pharmaceutics, 2008, 359, 228-233.	2.6	115
159	Freeze drying of human serum albumin (HSA) nanoparticles with different excipients. International Journal of Pharmaceutics, 2008, 363, 162-169.	2.6	97
160	Paramagnetic Lipid-Coated Silica Nanoparticles with a Fluorescent Quantum Dot Core: A New Contrast Agent Platform for Multimodality Imaging. Bioconjugate Chemistry, 2008, 19, 2471-2479.	1.8	143
161	Nanotechnology in Pharmaceutical Manufacturing. , 0, , 1249-1288.		2
162	A review of stimuli-responsive nanocarriers for drug and gene delivery. Journal of Controlled Release, 2008, 126, 187-204.	4.8	1,981
163	Taxifolin fibers as biomedical nanomaterial. Doklady Biochemistry and Biophysics, 2008, 422, 265-266.	0.3	4
164	Clinical toxicities of nanocarrier systems. Advanced Drug Delivery Reviews, 2008, 60, 929-938.	6.6	277
165	Identification of Peptide Ligands Facilitating Nanoparticle Attachment to Erythrocytes. Biotechnology Progress, 2008, 23, 749-754.	1.3	33
166	Increased apoptotic potential and doseâ€enhancing effect of gold nanoparticles in combination with singleâ€dose clinical electron beams on tumorâ€bearing mice. Cancer Science, 2008, 99, 1479-1484.	1.7	242
167	The targeted delivery of cancer drugs across the blood–brain barrier: chemical modifications of drugs or drug-nanoparticles?. Drug Discovery Today, 2008, 13, 1099-1106.	3.2	274
168	Factors affecting toxicity and efficacy of polymeric nanomedicines. Toxicology and Applied Pharmacology, 2008, 229, 121-134.	1.3	75
169	The impact of different nanoparticle surface chemistry and size on uptake and toxicity in a murine macrophage cell line. Toxicology and Applied Pharmacology, 2008, 232, 418-427.	1.3	311
170	The Impact of Molecular Weight and PEG Chain Length on the Systemic Pharmacokinetics of PEGylated Poly <scp>l</scp> -Lysine Dendrimers. Molecular Pharmaceutics, 2008, 5, 449-463.	2.3	165
171	Production and Characterization of γ-Polyglutamic Acid Nanoparticles for Controlled Anticancer Drug Release. Critical Reviews in Biotechnology, 2008, 28, 83-99.	5.1	56
172	Relationship between Animal Models and Clinical Research: Using Mucositis as a Practical Example. , 0, , 81-108.		0

#	Article	IF	CITATIONS
173	Cell-Specific Integration of Artificial Organelles Based on Functionalized Polymer Vesicles. Nano Letters, 2008, 8, 1368-1373.	4.5	133
174	Medicinal Chemistry and Pharmacological Potential of Fullerenes and Carbon Nanotubes. Carbon Materials, 2008, , .	0.2	115
175	Molecular Dynamics Study of a Nanotube-Binding Amphiphilic Helical Peptide at Different Water/Hydrophobic Interfaces. Journal of Physical Chemistry B, 2008, 112, 16326-16333.	1.2	53
176	The translocation of fullerenic nanoparticles into lysosome via the pathway of clathrin-mediated endocytosis. Nanotechnology, 2008, 19, 145102.	1.3	103
177	Downregulation of Plk1 Expression By Receptor-Mediated Uptake of Antisense Oligonucleotide-Loaded Nanoparticles. Neoplasia, 2008, 10, 223-234.	2.3	44
178	Drug Targeting in Anticancer Chemotherapy. , 2008, , 351-385.		4
179	Nanoparticles for drug delivery in cancer treatment. Urologic Oncology: Seminars and Original Investigations, 2008, 26, 57-64.	0.8	619
180	New Opportunities: The Use of Nanotechnologies to Manipulate and Track Stem Cells. Cell Stem Cell, 2008, 3, 136-146.	5.2	265
181	Tiopronin monolayer-protected silver nanoparticles modulate IL-6 secretion mediated by Toll-like receptor ligands. Nanomedicine, 2008, 3, 627-635.	1.7	66
182	Enhanced lymph node retention of subcutaneously injected IgG1-PEG2000-liposomes through pentameric IgM antibody-mediated vesicular aggregation. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 51-55.	1.4	24
183	Nanogel DDS enables sustained release of IL-12 for tumor immunotherapy. Biochemical and Biophysical Research Communications, 2008, 367, 330-335.	1.0	129
184	Technological advances in mucositis research: New insights and new issues. Cancer Treatment Reviews, 2008, 34, 476-482.	3.4	14
185	Multi-functional nanocarriers to overcome tumor drug resistance. Cancer Treatment Reviews, 2008, 34, 592-602.	3.4	381
186	Simulations of Electrophoretic RNA Transport Through Transmembrane Carbon Nanotubes. Biophysical Journal, 2008, 94, 2546-2557.	0.2	36
187	Nanotechnology for regenerative medicine: nanomaterials for stem cell imaging. Nanomedicine, 2008, 3, 567-578.	1.7	200
188	Oxide-Dependent Adsorption of a Model Membrane Phospholipid, Dipalmitoylphosphatidylcholine: Bulk Adsorption Isotherms. Langmuir, 2008, 24, 4865-4873.	1.6	37
189	Magnetic solid lipid nanoparticles as mediators for controlled hyperthermia. , 2008, , .		0
190	Radiolabeled lipid nanoparticles for diagnostic imaging. Expert Opinion on Medical Diagnostics, 2008, 2, 853-873.	1.6	23

#	Article	IF	CITATIONS
192	Nanotechnology for ocular therapeutics and tissue repair. Expert Review of Ophthalmology, 2008, 3, 431-436.	0.3	33
193	NEW PORPHYRIN ADDUCT OF FULLERENE- C ₆₀ : A PROMISING NANOTOOL FOR MEDICINAL USE IN THE HEART MUSCLE HYPOXIA CASES. International Journal of Nanoscience, 2008, 07, 113-135.	0.4	13
194	Multimodality nanotracers for cardiovascular applications. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, S103-S111.	3.3	48
195	MAGNETIC NANOPARTICLE LABELING OF CULTURED CANCER CELL LINE WITHOUT TRANSFECTION AGENT. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 259-265.	0.3	5
196	Impact of nanoscience and nanotechnology on controlled drug delivery. Nanomedicine, 2008, 3, 401-406.	1.7	35
197	Drug Solubilization with Organic Solvents, or Using Micellar Solutions or Other Colloidal Dispersed Systems. , 2008, , 786-812.		0
198	Applications of Nanotechnology in the Biomedical Sciences: Small Materials, Big Impacts, and Unknown Consequences. Philosophy and Medicine, 2008, , 117-130.	0.3	4
199	Integrated research into the nanoparticle–protein corona: a new focus for safe, sustainable and equitable development of nanomedicines. Nanomedicine, 2008, 3, 859-866.	1.7	51
200	Poly(malic acid) nanoconjugates containing various antibodies and oligonucleotides for multitargeting drug delivery. Nanomedicine, 2008, 3, 247-265.	1.7	73
201	A facile nanoaggregation strategy for oral delivery of hydrophobic drugs by utilizing acid–base neutralization reactions. Nanotechnology, 2008, 19, 375104.	1.3	28
202	Critical issues in site-specific targeting of solid tumours: the carrier, the tumour barriers and the bioavailable drug. Expert Opinion on Drug Delivery, 2008, 5, 205-219.	2.4	34
203	Emergence of nanomedical devices for the diagnosis and treatment of cancer: the journey from basic science to commercialisation. International Journal of Technology Transfer and Commercialisation, 2008, 7, 290.	0.2	0
204	Application of Gold Nanoparticles for Targeted Therapy in Cancer. Journal of Biomedical Nanotechnology, 2008, 4, 99-132.	0.5	68
205	Reversal in multidrug resistance by magnetic nanoparticle of Fe3O4 loaded with adriamycin and tetrandrine in K562/A02 leukemic cells. International Journal of Nanomedicine, 2008, 3, 277.	3.3	40
208	Therapeutic Strategies. , 0, , 293-334.		0
209	Sculpted Amphiphilic Liposomal Particles for Modifiable Medicinal Applications. Current Drug Discovery Technologies, 2009, 6, 52-58.	0.6	8
210	Core-Shell Hydrogel Particles Harvest, Concentrate and Preserve Labile Low Abundance Biomarkers. PLoS ONE, 2009, 4, e4763.	1.1	92
211	Role of Eco-Friendly Strategies in the Development of Biomedical Nanotechnology. International Journal of Green Nanotechnology Biomedicine, 2009, 1, 9-23.	0.4	1

#	Article	IF	CITATIONS
212	Current advances in research and clinical applications of PLGA-based nanotechnology. Expert Review of Molecular Diagnostics, 2009, 9, 325-341.	1.5	720
213	Particle-Lung Interactions. , 0, , .		6
214	A new platform for manipulation and separation of oil-in-water emulsion droplets using optically induced dielectrophoresis. , 2009, , .		0
216	An innovative, quick and convenient labeling method for the investigation of pharmacological behavior and the metabolism of poly(DL-lactide-co-glycolide) nanospheres. Nanotechnology, 2009, 20, 335102.	1.3	28
217	The Drug Targeting and Delivery Approach Applied to Pt-Antitumour Complexes. A Coordination Point of View. Current Medicinal Chemistry, 2009, 16, 4544-4580.	1.2	71
218	Nanoparticles for human liver-specific drug and gene delivery systems: <i>in vitro</i> and <i>in vivo</i> advances. Expert Opinion on Drug Delivery, 2009, 6, 39-52.	2.4	41
219	Pharmaceutical Applications of Nanoparticle Carriers. , 2009, , 1097-1119.		0
220	Noninvasive determination of cell nucleoplasmic viscosity by fluorescence correlation spectroscopy. Journal of Biomedical Optics, 2009, 14, 024013.	1.4	36
221	Tissue Specific Cytotoxicity of Colon Cancer Cells Mediated by Nanoparticle-delivered Suicide Gene <i>In vitro</i> and <i>In vivo</i> . Clinical Cancer Research, 2009, 15, 201-207.	3.2	43
222	Nanopolymeric Therapeutics. MRS Bulletin, 2009, 34, 422-431.	1.7	51
223	Disturbed mitotic progression and genome segregation are involved in cell transformation mediated by nano-TiO2 long-term exposure. Toxicology and Applied Pharmacology, 2009, 241, 182-194.	1.3	179
224	Inorganic Drugâ€Đelivery Nanovehicle Conjugated with Cancerâ€Cellâ€Specific Ligand. Advanced Functional Materials, 2009, 19, 1617-1624.	7.8	184
225	Designer Biomaterials for Nanomedicine. Advanced Functional Materials, 2009, 19, 3843-3854.	7.8	219
227	Efficient entrapment of poorly water-soluble pharmaceuticals in hybrid nanoparticles. Journal of Pharmaceutical Sciences, 2009, 98, 2357-2363.	1.6	17
228	Allâ€inâ€One Targetâ€Cellâ€Specific Magnetic Nanoparticles for Simultaneous Molecular Imaging and siRNA Delivery. Angewandte Chemie - International Edition, 2009, 48, 4174-4179.	7.2	341
229	Preparation and Quality Test of Superparamagnetic Iron Oxide Labeled Antisense Oligodeoxynucleotide Probe: A Preliminary Study. Annals of Biomedical Engineering, 2009, 37, 1240-1250.	1.3	12
230	Nanoparticle-mediated targeting of phosphatidylinositol-3-kinase signaling inhibits angiogenesis. Angiogenesis, 2009, 12, 325-338.	3.7	83
231	Iron oxide core oil-in-water emulsions as a multifunctional nanoparticle platform for tumor targeting and imaging. Biomaterials, 2009, 30, 6947-6954.	5.7	103

		CITATION REPORT	
#	Article	IF	CITATIONS
232	Nanoparticles in cellular drug delivery. Bioorganic and Medicinal Chemistry, 2009, 17, 2950-2962.	1.4	744
233	Nanosized forms of drugs (A Review). Pharmaceutical Chemistry Journal, 2009, 43, 163-170.	0.3	13
234	Intravascular Delivery of Particulate Systems: Does Geometry Really Matter?. Pharmaceutical Research, 2009, 26, 235-43.	1.7	541
235	Methods for the Preparation and Manufacture of Polymeric Nanoparticles. Pharmaceutical Researc 2009, 26, 1025-1058.	n, 1.7	729
236	Cancer Detection and Treatment: The Role of Nanomedicines. Molecular Biotechnology, 2009, 42, 358-366.	1.3	51
237	Direct imaging of titania nanotubes located in mouse neural stem cell nuclei. Nano Research, 2009 543-552.	, 2, 5.8	22
238	Nanoparticles in sentinel lymph node mapping. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2009, 1, 610-623.	3.3	51
239	Functionalized Nanoparticles with Longâ€Term Stability in Biological Media. Small, 2009, 5, 1637-1	641. 5.2	227
240	Real time in vitro studies of doxorubicin release from PHEMA nanoparticles. Journal of Nanobiotechnology, 2009, 7, 5.	4.2	90
241	Iron oxide nanoparticles induce human microvascular endothelial cell permeability through reactive oxygen species production and microtubule remodeling. Particle and Fibre Toxicology, 2009, 6, 1.	2.8	329
242	Physical approaches to biomaterial design. Nature Materials, 2009, 8, 15-23.	13.3	1,266
243	Cell transfection by DNA-lipid complexes — Lipoplexes. Biochemistry (Moscow), 2009, 74, 1293-I	.304. 0.7	24
244	Emerging trends of nanomedicine – an overview. Fundamental and Clinical Pharmacology, 2009, 263-269.	23, 1.0	143
245	Efficient encapsulation of a water-soluble corticosteroid in biodegradable nanoparticles. International Journal of Pharmaceutics, 2009, 365, 200-205.	2.6	41
246	Translational nanomedicine: status assessment and opportunities. Nanomedicine: Nanotechnology Biology, and Medicine, 2009, 5, 251-273.	, 1.7	114
247	Toxicological effects of inorganic nanoparticles on human lung cancer A549 cells. Journal of Inorganic Biochemistry, 2009, 103, 463-471.	1.5	227
248	Carbohydrate-conjugated multiwalled carbon nanotubes: development and characterization. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 432-442.	1.7	76
249	Improve bioavailability of Harpin protein on plant use PLGA based nanoparticle. Journal of Biotechnology, 2009, 143, 296-301.	1.9	9

		15	0
#	ARTICLE	IF	CITATIONS
250	25Mg2+-magnetic isotope effect. European Journal of Medicinal Chemistry, 2009, 44, 1554-1569.	2.6	52
251	Conjugation of Antisense Oligonucleotides to PEGylated Carbon Nanotubes Enables Efficient Knockdown of PTPN22 in T Lymphocytes. Bioconjugate Chemistry, 2009, 20, 427-431.	1.8	66
252	Multifunctional magnetic nanoparticles for medical imaging applications. Journal of Materials Chemistry, 2009, 19, 6258.	6.7	277
253	Biomedical Applications of Nanoparticles. Nanostructure Science and Technology, 2009, , 89-109.	0.1	14
254	Targeted nanomedicines: effective treatment modalities for cancer, AIDS and brain disorders. Nanomedicine, 2009, 4, 105-118.	1.7	192
255	Quantitative Analysis of Fullerene Nanomaterials in Environmental Systems: A Critical Review. Environmental Science & Technology, 2009, 43, 6463-6474.	4.6	156
256	Polymeric Carriers for Anticancer Drugs. , 2009, , 207-243.		0
257	Electrohydrodynamics: A facile technique to fabricate drug delivery systems. Advanced Drug Delivery Reviews, 2009, 61, 1043-1054.	6.6	474
258	Status and prospects of micro- and nanoelectromechanics. Optoelectronics, Instrumentation and Data Processing, 2009, 45, 189-226.	0.2	11
259	Nanotechnology in medicine. Herald of the Russian Academy of Sciences, 2009, 79, 369-377.	0.2	4
260	Prevention of Carbon Nanohorn Agglomeration Using a Conjugate Composed of Comb-Shaped Polyethylene Glycol and a Peptide Aptamer. Molecular Pharmaceutics, 2009, 6, 441-447.	2.3	40
262	Active control of micro-droplets by hybrid magnetically driven microtool. , 2009, , .		0
263	Pharmaceutical Perspectives of Cancer Therapeutics. , 2009, , .		15
264	Ligand-based targeted therapy for cancer tissue. Expert Opinion on Drug Delivery, 2009, 6, 285-304.	2.4	199
265	In Situ Imaging of Metals in Cells and Tissues. Chemical Reviews, 2009, 109, 4780-4827.	23.0	517
266	Direct and indirect CeO ₂ nanoparticles toxicity for <i>Escherichia coli</i> and <i>Synechocystis</i> . Nanotoxicology, 2009, 3, 284-295.	1.6	146
267	Nanomaterial Risk Assessment and Risk Management. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 129-157.	0.1	7
268	Nanotubes, Nanorods, Nanofibers, and Fullerenes for Nanoscale Drug Delivery. , 2009, , 105-127.		23

#	Article	IF	CITATIONS
269	Factors Controlling Pharmacokinetics of Intravenously Injected Nanoparticulate Systems. , 2009, , 267-282.		3
270	Nanotechnology for Cancer Chemotherapy. , 2009, , 491-518.		4
271	Ultra-small water-dispersible fluorescent chitosan nanoparticles: synthesis, characterization and specific targeting. Chemical Communications, 2009, , 2347.	2.2	59
272	Catanionic surfactant vesicles for electrostatic molecular sequestration and separation. Physical Chemistry Chemical Physics, 2009, 11, 9315.	1.3	53
273	Nanodimensional and Nanocrystalline Apatites and Other Calcium Orthophosphates in Biomedical Engineering, Biology and Medicine. Materials, 2009, 2, 1975-2045.	1.3	224
274	Tissue-Specific Targeting Based on Markers Expressed Outside Endothelial Cells. Advances in Genetics, 2009, 67, 61-102.	0.8	9
275	Green nanotechnology from tea: phytochemicals in tea as building blocks for production of biocompatible gold nanoparticles. Journal of Materials Chemistry, 2009, 19, 2912.	6.7	341
276	Magnetic targeting for site-specific drug delivery: applications and clinical potential. Expert Opinion on Drug Delivery, 2009, 6, 53-70.	2.4	235
277	Role of nanocarrier systems in cancer nanotherapy. Journal of Liposome Research, 2009, 19, 310-321.	1.5	75
278	Ring-Opening Polymerization-Mediated Controlled Formulation of Polylactideâ^'Drug Nanoparticles. Journal of the American Chemical Society, 2009, 131, 4744-4754.	6.6	131
279	Nested PCR. , 2008, , 2043-2043.		0
280	Transcatheter Embolization and Therapy. , 2009, , .		10
281	On the Toxicity of Therapeutically Used Nanoparticles: An Overview. Journal of Toxicology, 2009, 2009, 2009, 1-9.	1.4	133
283	New strategies to deliver anticancer drugs to brain tumors. Expert Opinion on Drug Delivery, 2009, 6, 1017-1032.	2.4	179
284	Nanoscintillator Conjugates as Photodynamic Therapy-Based Radiosensitizers: Calculation of Required Physical Parameters. Radiation Research, 2009, 171, 236-244.	0.7	72
285	Conformation and activity dependent interaction of glucose oxidase with CdTequantum dots: towards developing a nanoparticle based enzymatic assay. Photochemical and Photobiological Sciences, 2009, 8, 362-370.	1.6	19
286	Local moderate magnetically induced hyperthermia using an implant formed in situ in a mouse tumor model. International Journal of Hyperthermia, 2009, 25, 229-239.	1.1	30
287	Self-assembled lipid nanostructures encapsulating nanoparticles in aqueous solution. Soft Matter, 2009, 5, 3977.	1.2	19

#	Article	IF	Citations
288	Formation of microdroplets utilizing hybrid magnetically driven microtool on a microfluidic chip. , 2009, , .		0
289	Dendrimers and nanomedicine: multivalency in action. New Journal of Chemistry, 2009, 33, 1809.	1.4	176
290	Relaxivity modulation in Gd-functionalised mesoporous silicas. Chemical Communications, 2009, , 1246.	2.2	62
291	Stimulus-responsive targeted nanomicelles for effective cancer therapy. Nanomedicine, 2009, 4, 657-667.	1.7	67
292	One example on how colloidal nano- and microparticles could contribute to medicine. Nanomedicine, 2009, 4, 967-979.	1.7	42
293	Liposome triggering of innate immune responses: A perspective on benefits and adverse reactions. Journal of Liposome Research, 2009, 19, 85-90.	1.5	104
294	The impact of Structural Proteomics on Biotechnology. Biotechnology and Genetic Engineering Reviews, 2009, 26, 353-370.	2.4	4
295	Gold nanorod-mediated photothermolysis induces apoptosis of macrophages via damage of mitochondria. Nanomedicine, 2009, 4, 265-276.	1.7	54
296	On-demand generation of droplet in size over a wide range by microfluidic control. , 2009, , .		0
297	Nano-Scaled Particles of Titanium Dioxide Convert Benign Mouse Fibrosarcoma Cells into Aggressive Tumor Cells. American Journal of Pathology, 2009, 175, 2171-2183.	1.9	62
298	Facile Hydrothermal Synthesis of Iron Oxide Nanoparticles with Tunable Magnetic Properties. Journal of Physical Chemistry C, 2009, 113, 13593-13599.	1.5	267
299	Drug Administration Through an Enteral Feeding Tube. American Journal of Nursing, 2009, 109, 34-42.	0.2	42
301	Fc-DIRECTED ANTIBODY CONJUGATION OF MAGNETIC NANOPARTICLES FOR ENHANCED MOLECULAR TARGETING. Journal of Innovative Optical Health Sciences, 2009, 02, 387-396.	0.5	20
302	Policy challenges of nanomedicine for Australia's PBS. Australian Health Review, 2009, 33, 258.	0.5	11
303	Poly(lactide-co-glycolide)-based Micro and Nanoparticles for the Controlled Drug Delivery of Vitamins. Current Nanoscience, 2009, 5, 1-14.	0.7	141
304	Factors that Control the Circulation Time of Nanoparticles in Blood: Challenges, Solutions and Future Prospects. Current Pharmaceutical Design, 2010, 16, 2298-2307.	0.9	451
305	Stochastic Threshold Microdose Model for Cell Killing by Insoluble Metallic Nanomaterial Particles. Dose-Response, 2010, 8, dose-response.0.	0.7	1
306	Radioimmunotherapy with radioactive nanoparticles: Biological doses and treatment efficiency for vascularized tumors with or without a central hypoxic area. Medical Physics, 2010, 37, 1826-1839.	1.6	20

#	Article	IF	CITATIONS
307	Size Effects of Polystyrene Nanoparticles on Atopic Dermatitis-like Skin Lesions in NC/NGA Mice. International Journal of Immunopathology and Pharmacology, 2010, 23, 131-141.	1.0	41
308	Polymer–Drug Conjugates. , 2010, , 481-511.		1
800	Solf Accombled Hudrogel Nanonarticles for Drug Delivery Applications, Materials, 2010, 2, 1420, 1460	1.0	150
309	Self-Assentoled Hydrogel Nanoparticles for Drug Delivery Applications. Materials, 2010, 5, 1420-1460.	1.3	152
310	Identifying recent trends in nanomedicine development. International Journal of Nanotechnology, 2010. 7. 173.	0.1	3
311	Review: doxorubicin delivery systems based on chitosan for cancer therapy. Journal of Pharmacy and Pharmacology, 2010, 61, 131-142.	1.2	87
	Better safe than sorry: Understanding the toxicological properties of inorganic nanoparticles		
312	manufactured for biomedical applications. Advanced Drug Delivery Reviews, 2010, 62, 362-374.	6.6	624
313	Nanotechnology solutions for mucosal immunization. Advanced Drug Delivery Reviews, 2010, 62,	6.6	194
010	394-407.		271
314	Smart Nano-systems for Tumour Cellular Diagnoses and Therapies. Lecture Notes in Electrical Engineering, 2010. , 31-54.	0.3	5
315	Chapter 9. Nuclear-based Metallomics in Metal-based Drugs. , 2010, , 265-298.		0
	The formulation of antamer-coated naclitaxel–nolvlactide nanoconiugates and their targeting to		
316	cancer cells. Biomaterials, 2010, 31, 3043-3053.	5.7	120
317	The effect of carboxydextran-coated superparamagnetic iron oxide nanoparticles on c-Jun N-terminal	57	140
017	kinase-mediated apoptosis in human macrophages. Biomaterials, 2010, 31, 5063-5071.	0.7	110
318	The importance of endo-lysosomal escape with lipid nanocapsules for drug subcellular bioavailability. Biomaterials, 2010, 31, 7542-7554.	5.7	123
319	Endothelial cells dysfunction induced by silica nanoparticles through oxidative stress via JNK/P53 and NF-κB pathways. Biomaterials, 2010, 31, 8198-8209.	5.7	239
	Size controlled synthesis, surface functionalization, and hislogical applications of		
320	thiol-organosilica particles. Colloids and Surfaces B: Biointerfaces, 2010, 79, 19-26.	2.5	53
991	Immunological impact of magnetic nanoparticles (Ferucarbotran) on murine peritoneal macrophages.	0.8	91
321	Journal of Nanoparticle Research, 2010, 12, 151-160.	0.8	21
322	Toxicological Study and Efficacy of Blank and Paclitaxel-Loaded Lipid Nanocapsules After i.v.	1.7	61
323	PEGylated PAMAM Dendrimer-Doxorubicin Conjugates: In Vitro Evaluation and In Vivo Tumor Accumulation. Pharmaceutical Research, 2010, 27, 161-174.	1.7	189
324	Nanosystem drug targeting: Facing up to complex realities. Journal of Controlled Release, 2010, 141, 265-276.	4.8	243

ARTICLE IF CITATIONS Improved tumor-targeting drug delivery and therapeutic efficacy by cationic liposome modified with 325 4.8 92 truncated bFGF peptide. Journal of Controlled Release, 2010, 145, 17-25. Silver nano — A trove for retinal therapies. Journal of Controlled Release, 2010, 145, 76-90. 4.8 98 Complement activation cascade triggered by PEGâ€"PL engineered nanomedicines and carbon nanotubes: 327 4.8 157 The challenges ahead. Journal of Controlled Release, 2010, 146, 175-181. To exploit the tumor microenvironment: Passive and active tumor targeting of nanocarriers for 4.8 2,256 anti-cancer drug delivery. Journal of Controlled Release, 2010, 148, 135-146. Targeting tissue oxidative damage by means of cell signaling modulators: The antioxidant concept 329 72 revisited., 2010, 128, 336-374. Functionalised gold nanoparticles for controlling pathogenic bacteria. Trends in Biotechnology, 2010, 28, 207-213. 194 Biomaterial-based technologies for brain anti-cancer therapeutics and imaging. Biochimica Et 331 3.3 42 Biophysica Acta: Reviews on Cancer, 2010, 1806, 96-107. A New Class of Human Mast Cell and Peripheral Blood Basophil Stabilizers that Differentially Control 1.5 36 Allergic Mediator Release. Clinical and Translational Science, 2010, 3, 15<u>8-169.</u> Mechanism of Proton Relaxation for Enzymeâ€Manipulated, Multicomponent Goldâ€"Magnetic 333 1.0 8 Nanoparticle Chains. ChemPhysChem, 2010, 11, 3664-3672. Tamoxifenâ€loaded folateâ€conjugate poly[(<i>p</i>â€nitrophenyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td (acrylate)â 334 2.1 Journal of Biomedical Materials Research - Part A, 2010, 95A, 1028-1040. Cellular uptake pathway and drug release characteristics of drugâ€encapsulated glycol chitosan 335 1.2 33 nanoparticles in live cells. Microscopy Research and Technique, 2010, 73, 857-865. Synthesis and grafting of folate–PEG–PAMAM conjugates onto quantum dots for selective targeting 5.0 of folate-receptor-positive tumor cells. Journal of Colloid and Interface Science, 2010, 350, 44-50. Electrostatic effects on deposition of multiple phospholipid bilayers at oxide surfaces. Journal of 337 5.0 26 Colloid and Interface Science, 2010, 352, 327-336. Synthesis and characterization of noscapine loaded magnetic polymeric nanoparticles. Journal of Magnetism and Magnetic Materials, 2010, 322, 190-196. 1.0 In vivo PET imaging and biodistribution of radiolabeled gold nanoshells in rats with tumor 339 102 2.6 xenografts. International Journal of Pharmaceutics, 2010, 395, 324-330. Potential hazard of nanoparticles: From properties to biological and environmental effects. 340 58 Toxicology, 2010, 269, 89-91. Cytotoxicity and in vivo tissue compatibility of poly(amidoamine) with pendant aminobutyl group as a 341 5.736 gene delivery vector. Biomaterials, 2010, 31, 4467-4476. Thresholds for indirect DNA damage across cellular barriers for orthopaedic biomaterials. 342 Biomaterials, 2010, 31, 4477-4483.

	CITATION	CITATION REPORT		
# 343	ARTICLE Lysosomal degradation of the carboxydextran shell of coated superparamagnetic iron oxide nanoparticles and the fate of professional phagocytes. Biomaterials, 2010, 31, 9015-9022.	IF 5.7	CITATIONS	
344	The nanosilica hazard: another variable entity. Particle and Fibre Toxicology, 2010, 7, 39.	2.8	636	
345	From polymeric particles to multifunctional nanocapsules for biomedical applications using the miniemulsion process. Journal of Polymer Science Part A, 2010, 48, 493-515.	2.5	155	
346	Risk management of nanomaterials. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 130-137.	3.3	17	
347	Nanomaterial standards for efficacy and toxicity assessment. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 99-112.	3.3	185	
348	Multifunctional imaging nanoprobes. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 138-150.	3.3	66	
349	Nanoparticle-labeled stem cells: a novel therapeutic vehicle. Clinical Pharmacology: Advances and Applications, 2010, 2, 9.	0.8	19	
350	Organic functionalization of single-walled carbon nanotubes (SWCNTs) with some chemotherapeutic agents as a potential method for drug delivery. International Journal of Nanomedicine, 2010, 5, 639.	3.3	40	
351	Multifunctional Nano and Microparticles for Drug Delivery Systems. Key Engineering Materials, 2010, 441, 333-355.	0.4	2	
352	In vivo magnetomotive optical molecular imaging using targeted magnetic nanoprobes. Proceedings of the United States of America, 2010, 107, 8085-8090.	3.3	113	
353	On-demand and Size-controlled Production of emulsion droplets by magnetically driven microtool. , 2010, , .		3	
354	Biodistribution and anticancer activity of a newvincaalkaloid encapsulated into long-circulating liposomes. Journal of Liposome Research, 2010, 20, 62-72.	1.5	1	
355	On-demand Production of Emulsion Droplets Over a Wide Range of Sizes. Advanced Robotics, 2010, 24, 2005-2018.	1.1	12	
356	Nanomedicine Faces Barriers. Pharmaceuticals, 2010, 3, 3371-3416.	1.7	19	
357	Novel Biomaterials and Nano-Biotechnology Approaches in Tumor Diagnosis. Advances in Science and Technology, 2010, 76, 78-89.	0.2	0	
358	Introduction to metallic nanoparticles. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 282.	0.2	706	
359	A microfluidic platform for manipulation and separation of oil-in-water emulsion droplets using optically induced dielectrophoresis. Journal of Micromechanics and Microengineering, 2010, 20, 045026.	1.5	32	
360	Nanotechnology in biomedical applications: a review. International Journal of Nano and Biomaterials, 2010, 3, 119.	0.1	109	

#	Article	IF	CITATIONS
361	Lithographically defined uniform worm-shaped polymeric nanoparticles. Nanotechnology, 2010, 21, 095301.	1.3	37
362	Targeted drug-delivery approaches by nanoparticulate carriers in the therapy of inflammatory diseases. Journal of the Royal Society Interface, 2010, 7, S55-66.	1.5	139
363	Lipid Nanoparticles: Effect on Bioavailability and Pharmacokinetic Changes. Handbook of Experimental Pharmacology, 2010, , 115-141.	0.9	155
364	Vectorization of copper complexes via biocompatible and biodegradable PLGA nanoparticles. Nanotechnology, 2010, 21, 165101.	1.3	6
366	Targeted Imaging and Therapy of Brain Cancer Using Theranostic Nanoparticles. Molecular Pharmaceutics, 2010, 7, 1921-1929.	2.3	105
367	Nanoparticle Technologies for Cancer Therapy. Handbook of Experimental Pharmacology, 2010, , 55-86.	0.9	262
368	Regulation of nanomedicines in the EU: distilling lessons from the pediatric and the advanced therapy medicinal products approaches. Nanomedicine, 2010, 5, 135-142.	1.7	16
369	Metallic nanoparticles: technology overview & drug delivery applications in oncology. Expert Opinion on Drug Delivery, 2010, 7, 927-942.	2.4	179
370	Nano-interventions for neurodegenerative disorders. Pharmacological Research, 2010, 62, 166-178.	3.1	61
371	NanomedicineNanomedicine. , 2010, , 615-735.		1
372	Drug Delivery. Handbook of Experimental Pharmacology, 2010, , .	0.9	29
373	Synthesis and Investigation of Coreâ^'Shell Dendritic Nanoparticles with Tunable Thermosensitivity. Macromolecules, 2010, 43, 9668-9673.	2.2	44
374	Transverse Relaxivity Changes after Layer-by-Layer Encapsulation of Multicomponent DNA Templated Nanostructures. Journal of Physical Chemistry C, 2010, 114, 22508-22513.	1.5	14
375	Characterizing the Multidisciplinarity of Nanoscience Research. ACS Nano, 2010, 4, 4333-4334.	7.3	5
376	Techniques for efficient entrapment of pharmaceuticals in biodegradable solid micro/nanoparticles. Expert Opinion on Drug Delivery, 2010, 7, 565-575.	2.4	51
377	Distinct Polymer Architecture Mediates Switching of Complement Activation Pathways at the Nanosphereâ^'Serum Interface: Implications for Stealth Nanoparticle Engineering. ACS Nano, 2010, 4, 6629-6638.	7.3	263
378	Functionalizable and Ultrastable Zwitterionic Nanogels. Langmuir, 2010, 26, 6883-6886.	1.6	73
379	Acute toxicity and genotoxicity studies on poly(É،-caprolactone)-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overl	ock 10 Tf 0.9	50 67 Td (gl

Environmental Mutagenesis, 2010, 696, 101-106.

#	Article	IF	CITATIONS
380	RNA interference as a gene knockdown technique. International Journal of Biochemistry and Cell Biology, 2010, 42, 1243-1251.	1.2	61
381	The in vivo efficacy of phthalocyanine–nanoparticle conjugates for the photodynamic therapy of amelanotic melanoma. European Journal of Cancer, 2010, 46, 1910-1918.	1.3	146
382	Activation of human neutrophils by titanium dioxide (TiO2) nanoparticles. Toxicology in Vitro, 2010, 24, 1002-1008.	1.1	115
383	Understanding and overcoming major barriers in cancer nanomedicine. Nanomedicine, 2010, 5, 523-528.	1.7	415
384	Can a Carbon Nanotube Pierce through a Phospholipid Bilayer?. ACS Nano, 2010, 4, 5293-5300.	7.3	103
385	Enabling individualized therapy through nanotechnology. Pharmacological Research, 2010, 62, 57-89.	3.1	188
386	Size and shape effects in the biodistribution of intravascularly injected particles. Journal of Controlled Release, 2010, 141, 320-327.	4.8	825
387	What Is Cancer Nanotechnology?. Methods in Molecular Biology, 2010, 624, 1-9.	0.4	24
388	Gd2O3 nanoparticles as a positive MRI contrast agent for cell uptake. , 2010, , .		1
389	Boron Nitride Nanotubes as <i>T</i> ₂ -Weighted MRI Contrast Agents. Journal of Physical Chemistry Letters, 2010, 1, 2561-2565.	2.1	27
390	On-demand and size-controlled production of emulsion droplet in microfludic devices. , 2010, , .		2
391	Antibody Engineering. , 2010, , .		5
392	Separation and metrology of nanoparticles by nanofluidic size exclusion. Lab on A Chip, 2010, 10, 2618.	3.1	23
393	Carbon Nanopowder Binds with DNA and May Induce DNA Aggregation. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
394	Preparation and Characterization of a Novel Drug Delivery System: Biodegradable Nanoparticles in Thermosensitive Chitosan/Gelatin Blend Hydrogels. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 608-615.	1.2	19
395	Anti-fouling magnetic nanoparticles for siRNA delivery. Journal of Materials Chemistry, 2010, 20, 255-265.	6.7	123
396	A novel dual-structure, self-healable, polysaccharide based hybrid nanogel for biomedical uses. Soft Matter, 2011, 7, 5816.	1.2	26
397	Shape-specific polymeric nanomedicine: emerging opportunities and challenges. Experimental Biology and Medicine, 2011, 236, 20-29.	1.1	130

#	Article	IF	Citations
398	Activation Energy of Crystallization for Trihydroxystearin, Stearic Acid, and 12-Hydroxystearic Acid under Nonisothermal Cooling Conditions. Crystal Growth and Design, 2011, 11, 3593-3599.	1.4	25
399	Cytotoxicity effects of metal oxide nanoparticles in human tumor cell lines. Journal of Physics: Conference Series, 2011, 304, 012046.	0.3	29
400	siRNA therapy for cancer and non-lethal diseases such as arthritis and osteoporosis. Expert Opinion on Biological Therapy, 2011, 11, 5-16.	1.4	14
401	Differential Uptake of Functionalized Polystyrene Nanoparticles by Human Macrophages and a Monocytic Cell Line. ACS Nano, 2011, 5, 1657-1669.	7.3	516
402	Development of EGFR-Targeted Polymer Blend Nanocarriers for Combination Paclitaxel/Lonidamine Delivery To Treat Multi-Drug Resistance in Human Breast and Ovarian Tumor Cells. Molecular Pharmaceutics, 2011, 8, 185-203.	2.3	132
403	Smart Drug Delivery through DNA/Magnetic Nanoparticle Gates. ACS Nano, 2011, 5, 1259-1266.	7.3	366
404	Cell Delivery of Therapeutic Nanoparticles. Progress in Molecular Biology and Translational Science, 2011, 104, 563-601.	0.9	101
405	Amino-Functionalized Polystyrene Nanoparticles Activate the NLRP3 Inflammasome in Human Macrophages. ACS Nano, 2011, 5, 9648-9657.	7.3	211
406	NCI 60 Cell Line Screen. , 2011, , 2468-2468.		0
407	Reshaping the Future of Nanopharmaceuticals: <i>Ad Iudicium</i> . ACS Nano, 2011, 5, 8454-8458.	7.3	90
408	pH-Responsive Polysaccharide-Based Polyelectrolyte Complexes As Nanocarriers for Lysosomal Delivery of Therapeutic Proteins. Biomacromolecules, 2011, 12, 2524-2533.	2.6	55
409	Newcastle Disease Virus. , 2011, , 2513-2513.		0
410	Biodegradable Nanoparticles Meet the Bronchial Airway Barrier: How Surface Properties Affect Their Interaction with Mucus and Epithelial Cells. Biomacromolecules, 2011, 12, 4136-4143.	2.6	91
411	NUPR1., 2011,, 2587-2587.		0
412	GdIII functionalized gold nanorods for multimodal imaging applications. Nanoscale, 2011, 3, 1990.	2.8	45
413	NANOBIOTECHNOLOGY: AN INTERFACE BETWEEN NANOTECHNOLOGY AND BIOTECHNOLOGY. Nano, 2011, 06, 101-111.	0.5	30
414	Fabrication of a nanocarrier system through self-assembly of plasma protein and its tumor targeting. Nanotechnology, 2011, 22, 295603.	1.3	42
415	Microfluidics. Topics in Current Chemistry, 2011, , .	4.0	37

#	Article	IF	CITATIONS
416	PRINT: A Novel Platform Toward Shape and Size Specific Nanoparticle Theranostics. Accounts of Chemical Research, 2011, 44, 990-998.	7.6	267
417	Toxicology of Nanomaterials Used in Nanomedicine. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2011, 14, 593-632.	2.9	239
418	Two-Level Adsorption of Ibuprofen on C ₆₀ Fullerene for Transdermal Delivery: Classical Molecular Dynamics and Density Functional Theory Computations. Journal of Physical Chemistry C, 2011, 115, 24501-24511.	1.5	24
419	and conclusions expressed in this document are those of the author(s) and do not necessarily represent the views or policies of the US Environmental Protection Agency or of the National Institute for Occupational Safety and Health. Both the authors declare that they have no competing financial interests or relationships with a commercial entity that has an interest in this manuscript		2
420	2011, , 24-32. Nested PCR. , 2011, , 2478-2478.		0
421	The physical state of lipid nanoparticles influences their effect on in vitro cell viability. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 150-161.	2.0	51
422	RGD-modified PEG–PAMAM–DOX conjugates: In vitro and in vivo studies for glioma. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 232-240.	2.0	126
423	Controlled Self-Assembly of Filled Micelles on Nanotubes. Journal of the American Chemical Society, 2011, 133, 6146-6149.	6.6	28
424	Biosensors in Microfluidic Chips. Topics in Current Chemistry, 2011, 304, 117-152.	4.0	21
425	Nanotechnology in Pediatrics: Science Fiction or Reality?. Journal of Pediatric Nursing, 2011, 26, 379-382.	0.7	0
426	Perspectives and opportunities for nanomedicine in the management of atherosclerosis. Nature Reviews Drug Discovery, 2011, 10, 835-852.	21.5	341
427	Block Co-polymer Nanoparticles with Degradable Cross-Linked Core and Low-Molecular-Weight PEG Corona for Anti-tumour Drug Delivery. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 1001-1022.	1.9	6
428	Nerve Growth Factor. , 2011, , 2477-2478.		0
429	Nano Delivers Big: Designing Molecular Missiles for Cancer Therapeutics. Pharmaceutics, 2011, 3, 34-52.	2.0	42
430	Redefining tissue engineering for nanomedicine in ophthalmology. Acta Ophthalmologica, 2011, 89, e108-e114.	0.6	18
431	Tumor Specific Delivery and Therapy by Double-Targeted Nanostructured Lipid Carriers with Anti-VEGFR-2 Antibody. Molecular Pharmaceutics, 2011, 8, 2291-2301.	2.3	88
432	Fullerenes for Applications in Biology and Medicine. Current Medicinal Chemistry, 2011, 18, 2045-2059.	1.2	173
433	Targeting therapeutics to the vascular wall in atherosclerosis–Carrier size matters. Atherosclerosis, 2011, 217, 364-370.	0.4	92

#	Article	IF	CITATIONS
434	Chitosan-DNA/siRNA Nanoparticles for Gene Therapy. , 0, , .		1
435	Nanomedicine and Drug Delivery Strategies for Treatment of Genetic Diseases. , 0, , .		1
436	Nanoparticles in Nuclear Imaging. Internet Journal of Medical Update, 2011, 6, .	0.2	0
437	Nanoparticles and Inflammation. Scientific World Journal, The, 2011, 11, 1300-1312.	0.8	36
438	Nanopharmaceuticals II: application of nanoparticles and nanocarrier systems in pharmaceutics and nanomedicine. International Journal of Nanotechnology, 2011, 8, 115.	0.1	18
439	Targeted Drug Delivery Using Immunoconjugates. Journal of Immunotherapy, 2011, 34, 611-628.	1.2	56
440	Perspectives in Nanomedicine-Based Research Towards Cancer Therapies. Current Nanoscience, 2011, 7, 142-152.	0.7	4
441	Interactions of End-functionalized Nanotubes with Lipid Vesicles: Spontaneous Insertion and Nanotube Self-Organization. Current Nanoscience, 2011, 7, 699-715.	0.7	25
442	Nanobiotechnology approaches for targeted delivery of pharmaceutics and cosmetics ingredients. International Journal of Nanotechnology, 2011, 8, 66.	0.1	1
443	Nanotechnologies for Alzheimer's disease: diagnosis, therapy, and safety issues. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 521-540.	1.7	240
444	Multi-modal strategies for overcoming tumor drug resistance: Hypoxia, the Warburg effect, stem cells, and multifunctional nanotechnology. Journal of Controlled Release, 2011, 155, 237-247.	4.8	112
445	"Nanoantibiotics― A new paradigm for treating infectious diseases using nanomaterials in the antibiotics resistant era. Journal of Controlled Release, 2011, 156, 128-145.	4.8	1,502
446	Cationic ligand appended nanoconstructs: A prospective strategy for brain targeting. International Journal of Pharmaceutics, 2011, 421, 189-201.	2.6	30
447	Biological targeting and innovative therapeutic interventions with phage-displayed peptides and structured nucleic acids (aptamers). Current Opinion in Biotechnology, 2011, 22, 832-838.	3.3	19
448	In search of the Holy Grail: Folate-targeted nanoparticles for cancer therapy. Biochemical Pharmacology, 2011, 81, 976-984.	2.0	108
449	Recent Advances in Dynamic Monitoring of Drug Release of Nanoparticle Using Förster Resonance Energy Transfer and Fluorescence Lifetime Imaging. Journal of the Chinese Chemical Society, 2011, 58, 798-804.	0.8	7
450	Polyacrylamide Nanoparticles as a Delivery System in Photodynamic Therapy. Molecular Pharmaceutics, 2011, 8, 920-931.	2.3	91
451	Gold–iron oxide nanoparticle chains scaffolded on DNA as potential magnetic resonance imaging agents. Journal of Materials Chemistry, 2011, 21, 939-943.	6.7	18

	Сітатіс	CITATION REPORT	
#	Article	IF	Citations
452	Microfabricated particulate drugâ€delivery systems. Biotechnology Journal, 2011, 6, 1477-1487.	1.8	27
453	Design of biocompatible dendrimers for cancer diagnosis and therapy: current status and future perspectives. Chemical Society Reviews, 2011, 40, 2673.	18.7	481
454	Liposomes as drug delivery systems for the treatment of TB. Nanomedicine, 2011, 6, 1413-1428.	1.7	91
455	Monitoring cellular stress responses to nanoparticles using a lab-on-a-chip. Lab on A Chip, 2011, 11, 2551.	3.1	45
456	Improving delivery and efficacy of nanomedicines in solid tumors: role of tumor priming. Nanomedicine, 2011, 6, 1605-1620.	1.7	73
457	Criteria impacting the cellular uptake of nanoparticles: A study emphasizing polymer type and surfactant effects. Acta Biomaterialia, 2011, 7, 4160-4168.	4.1	64
458	Drug-loaded polyelectrolyte microcapsules for sustained targeting of cancer cells. Advanced Drug Delivery Reviews, 2011, 63, 847-864.	6.6	182
459	Material properties in complement activation. Advanced Drug Delivery Reviews, 2011, 63, 1000-1007.	6.6	230
460	Complement monitoring of nanomedicines and implants. Advanced Drug Delivery Reviews, 2011, 63, 963-964.	6.6	5
461	Magnetically enhanced nucleic acid delivery. Ten years of magnetofection—Progress and prospects. Advanced Drug Delivery Reviews, 2011, 63, 1300-1331.	6.6	293
462	Vitamin B12 as a carrier for targeted platinum delivery: in vitro cytotoxicity and mechanistic studies. Journal of Biological Inorganic Chemistry, 2011, 16, 33-44.	1.1	46
463	Single and repeated dose toxicity of mesoporous hollow silica nanoparticles in intravenously exposed mice. Biomaterials, 2011, 32, 1657-1668.	5.7	313
464	Angiopep-conjugated poly(ethylene glycol)-co-poly(Îμ-caprolactone) nanoparticles as dual-targeting drug delivery system for brain glioma. Biomaterials, 2011, 32, 4293-4305.	5.7	351
465	Genotoxicity of nano-silica in mammalian cell lines. Toxicology and Environmental Health Sciences, 2011, 3, 7-13.	1.1	25
466	Nanotechnology: Emerging Tool for Diagnostics and Therapeutics. Applied Biochemistry and Biotechnology, 2011, 165, 1178-1187.	1.4	84
467	Applications of nanomaterials in the different fields of photosciences. Indian Journal of Physics, 2011, 85, 1229-1245.	0.9	90
468	Plasmonic biosensors and nanoprobes based on gold nanoshells. Science Bulletin, 2011, 56, 3234.	1.7	11
469	Nanomaterial interactions with and trafficking across the lung alveolar epithelial barrier: implications for health effects of air-pollution particles. Air Quality, Atmosphere and Health, 2011, 4, 65-78.	1.5	22

#	Article	IF	CITATIONS
470	Overcoming <i>in vivo</i> barriers to targeted nanodelivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 421-437.	3.3	153
471	Nanomedicine and ethics: is there anything new or unique?. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 111-118.	3.3	18
472	Stable Cellulose Nanospheres for Cellular Uptake. Macromolecular Bioscience, 2011, 11, 1387-1392.	2.1	49
473	Bioceramics: From Bone Regeneration to Cancer Nanomedicine. Advanced Materials, 2011, 23, 5177-5218.	11.1	373
477	Coâ€delivery of antiâ€vascular endothelial growth factor siRNA and doxorubicin by multifunctional polymeric micelle for tumor growth suppression. Journal of Biomedical Materials Research - Part A, 2011, 97A, 330-338.	2.1	54
479	Nanoparticles in Biological Systems. Angewandte Chemie - International Edition, 2011, 50, 1242-1258.	7.2	457
480	Synthesis and characterization of thiolated alginate-albumin nanoparticles stabilized by disulfide bonds. Evaluation as drug delivery systems. Carbohydrate Polymers, 2011, 83, 1311-1321.	5.1	63
481	Catalase-coupled gold nanoparticles: Comparison between the carbodiimide and biotin–streptavidin methods. Acta Biomaterialia, 2011, 7, 2865-2872.	4.1	43
482	Modeling receptor-mediated endocytosis of polymer-functionalized iron oxide nanoparticles by human macrophages. Biomaterials, 2011, 32, 547-555.	5.7	147
483	Chitosan in situ gelation for improved drug loading and retention in poloxamer 407 gels. International Journal of Pharmaceutics, 2011, 409, 19-29.	2.6	120
484	Nanomedicine: Novel approaches in human and veterinary therapeutics. Veterinary Parasitology, 2011, 180, 47-71.	0.7	114
485	Utilization of monoclonal antibody-targeted nanomaterials in the treatment of cancer. MAbs, 2011, 3, 467-478.	2.6	27
486	Notice of Retraction: Oxidative Damage of Fe3O4 Nanoparticles on Mouse Hepatic Cells In Vitro. , 2011, ,		1
487	Synthesis and bioevaluation of ¹²⁵ I-labeled gold nanorods. Nanotechnology, 2011, 22, 135102.	1.3	31
488	A multiscale model to evaluate the efficacy of anticancer therapies based on chimeric polypeptide nanoparticles. Applied Physics Letters, 2011, 98, 053703.	1.5	2
489	Cancer Targeted Metallic Nanoparticle: Targeting Overview, Recent Advancement and Toxicity Concern. Current Pharmaceutical Design, 2011, 17, 1834-1850.	0.9	80
490	Control of peptide nanotube diameter by chemical modifications of an aromatic residue involved in a single close contact. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7679-7684.	3.3	81
491	Notice of Retraction: Effects of MnO2 Nanoparticles on Liver and Kidney Cells of Rats. , 2011, , .		1

#	Article	IF	CITATIONS
492	Characterization of Plasmid DNA Location within Chitosan/PLGA/pDNA Nanoparticle Complexes Designed for Gene Delivery. Journal of Nanomaterials, 2011, 2011, 1-9.	1.5	17
493	In Vitro and In Vivo Evaluation of a Folate-Targeted Copolymeric Submicrohydrogel Based on N-Isopropylacrylamide as 5-Fluorouracil Delivery System. Polymers, 2011, 3, 1107-1125.	2.0	27
494	Emerging issues in the Pacific Basin. Reviews on Environmental Health, 2011, 26, 39-44.	1.1	1
495	FDA's Approach to Regulation of Products of Nanotechnology. Science, 2012, 336, 299-300.	6.0	124
496	Designing Tunable Bio-nanostructured Materials via Self-Assembly of Amphiphilic Lipids and Functionalized Nanotubes. Materials Research Society Symposia Proceedings, 2012, 1464, 21.	0.1	1
497	Active Drug Targeting of Disease by Nanoparticles Functionalized with Ligand to Folate Receptor. Current Medicinal Chemistry, 2012, 19, 3152-3162.	1.2	17
498	Integrin-Mediated Drug Delivery in Cancer and Cardiovascular Diseases with Peptide-Functionalized Nanoparticles. Current Medicinal Chemistry, 2012, 19, 3128-3151.	1.2	34
499	Preparation of Magnetite Nanoparticles by Partial Oxidation of Fe ²⁺ Using Aqueous Na ₂ O ₂ . Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 935-939.	0.6	3
502	Biomedical applications of organosilica nanoparticles toward theranostics. Nanotechnology Reviews, 2012, 1, 469-491.	2.6	23
503	Aquasomes: Self-assembled systems for the delivery of bioactive molecules. Asian Journal of Pharmaceutics (discontinued), 2012, 6, 95.	0.4	10
504	Nanotechnology based devices and applications in medicine: An overview. Chronicles of Young Scientists, 2012, 3, 68.	0.4	37
505	Nano-scaled Diethylene Triamine Pent Acetic Acid (N-DTPA): Novel Anti-Wilson's Disease Cell Model. American Journal of Biomedical Sciences, 0, , 204-219.	0.2	2
506	Mesoporous Silica Nanoparticles: Their Projection in Nanomedicine. ISRN Materials Science, 2012, 2012, 1-20.	1.0	48
507	Comparison of Two Ultrasmall Superparamagnetic Iron Oxides on Cytotoxicity and MR Imaging of Tumors. Theranostics, 2012, 2, 76-85.	4.6	55
508	Active Targeting Strategies for Anticancer Drug Nanocarriers. Current Drug Delivery, 2012, 9, 255-268.	0.8	67
509	Are Some Neurons Hypersensitive to Metallic Nanoparticles?. Dose-Response, 2012, 10, dose-response.1.	0.7	1
510	Toxicological Profile of Therapeutic Nanodelivery Systems. Current Drug Metabolism, 2012, 13, 1068-1086.	0.7	39
511	Enhanced Genotoxicity of Silver Nanoparticles in DNA Repair Deficient Mammalian Cells. Frontiers in Genetics, 2012, 3, 104.	1.1	61

#	Article	IF	CITATIONS
512	Nanodimensional and Nanocrystalline Calcium Orthophosphates. , 2012, , 221-327.		0
513	Complement Sensing of Nanoparticles and Nanomedicines. ACS Symposium Series, 2012, , 365-382.	0.5	11
514	Importance of agglomeration state and exposure conditions for uptake and pro-inflammatory responses to amorphous silica nanoparticles in bronchial epithelial cells. Nanotoxicology, 2012, 6, 700-712.	1.6	35
515	Nanoparticle-Induced Permeability of Lipid Membranes. ACS Nano, 2012, 6, 10555-10561.	7.3	90
516	Epigenetics advancing personalized nanomedicine in cancer therapy. Advanced Drug Delivery Reviews, 2012, 64, 1532-1543.	6.6	35
517	N-trimethyl chitosan nanoparticle-encapsulated lactosyl-norcantharidin for liver cancer therapy with high targeting efficacy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1172-1181.	1.7	72
518	Nanoparticles induce platelet activation in vitro through stimulation of canonical signalling pathways. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1329-1336.	1.7	43
519	Lyophilisomes as a new generation of drug delivery capsules. International Journal of Pharmaceutics, 2012, 439, 127-135.	2.6	16
520	Nanotechnology: from fundamental concepts to clinical applications for healthy aging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, S1-S4.	1.7	8
521	Particulate Systems for Targeting of Macrophages: Basic and Therapeutic Concepts. Journal of Innate Immunity, 2012, 4, 509-528.	1.8	66
522	Polymeric particulate technologies for oral drug delivery and targeting: a pathophysiological perspective. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, S5-S20.	1.7	76
524	Aptamerâ€Functionalized, Ultraâ€Small, Monodisperse Silica Nanoconjugates for Targeted Dualâ€Modal Imaging of Lymph Nodes with Metastatic Tumors. Angewandte Chemie - International Edition, 2012, 51, 12721-12726.	7.2	96
525	Isolate, functionalize, and release: the ISOFURE platform for the functionalization of nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	1
526	Toxicity Studies of Poly(Anhydride) Nanoparticles as Carriers for Oral Drug Delivery. Pharmaceutical Research, 2012, 29, 2615-2627.	1.7	24
527	Enhanced preclinical efficacy of tamoxifen developed as alginate–cysteine/disulfide bond reduced albumin nanoparticles. International Journal of Pharmaceutics, 2012, 436, 574-581.	2.6	24
528	Nanoparticle-mediated internalisation and release of a calcium channel blocker. RSC Advances, 2012, 2, 8587.	1.7	9
529	Continuous hydrothermal synthesis of 3,4-dihydroxyhydrocinnamic acid-modified magnetite nanoparticles with stealth-functionality against immunological response. Journal of Materials Chemistry, 2012, 22, 9041.	6.7	33
530	Adsorption and Solution Properties of Bottle-Brush Polyelectrolyte Complexes: Effect of Molecular Weight and Stoichiometry. Langmuir, 2012, 28, 6618-6631.	1.6	13

#	Article	IF	CITATIONS
532	Blood Clearance and Biodistribution of Polymer Brush-Afforded Silica Particles Prepared by Surface-Initiated Living Radical Polymerization. Biomacromolecules, 2012, 13, 927-936.	2.6	39
533	Macrophage-Targeted Nanoparticle Delivery Systems. Nanostructure Science and Technology, 2012, , 47-83.	0.1	6
534	Current development in nanoformulations of docetaxel. Expert Opinion on Drug Delivery, 2012, 9, 975-990.	2.4	64
535	Applications of Nanotechnology in Dermatology. Journal of Investigative Dermatology, 2012, 132, 964-975.	0.3	155
536	Slow release kinetics of mitoxantrone from ordered mesoporous carbon films. Microporous and Mesoporous Materials, 2012, 160, 143-150.	2.2	15
537	Amorphous silica nanoparticles do not induce cytotoxicity, cell transformation or genotoxicity in Balb/3T3 mouse fibroblasts. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 745, 11-20.	0.9	118
538	The transferrin receptor and the targeted delivery of therapeutic agents against cancer. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 291-317.	1.1	610
539	Conformation of surface-decorating dextran chains affects the pharmacokinetics and biodistribution of doxorubicin-loaded nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 453-457.	2.0	51
540	Shedding light on nanomedicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 638-662.	3.3	69
541	Mechanistic studies of Gemcitabine-loaded nanoplatforms in resistant pancreatic cancer cells. BMC Cancer, 2012, 12, 419.	1.1	39
542	Prospects and applications of nanobiotechnology: a medical perspective. Journal of Nanobiotechnology, 2012, 10, 31.	4.2	170
543	Immunization of mice by Hollow Mesoporous Silica Nanoparticles as carriers of Porcine Circovirus Type 2 ORF2 Protein. Virology Journal, 2012, 9, 108.	1.4	74
544	Sugar coated ceramic nanocarriers for the oral delivery of hydrophobic drugs: formulation, optimization and evaluation. Drug Development and Industrial Pharmacy, 2012, 38, 577-586.	0.9	22
546	Nanodentistry: combining nanostructured materials and stem cells for dental tissue regeneration. Nanomedicine, 2012, 7, 1743-1753.	1.7	54
549	<i>In Vivo</i> Cancer Targeting and Imaging-Guided Surgery with Near Infrared-Emitting Quantum Dot Bioconjugates. Theranostics, 2012, 2, 769-776.	4.6	61
550	Drug Delivery Using Nanocarriers: Indian Perspective. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2012, 82, 167-206.	0.4	25
551	Robust and Highly Sensitive Fluorescence Approach for Point-of-Care Virus Detection Based on Immunomagnetic Separation. Analytical Chemistry, 2012, 84, 2358-2365.	3.2	73
552	Nanotoxicity and the importance of being earnest. Advanced Drug Delivery Reviews, 2012, 64, 1661-1662.	6.6	16

#	Article	IF	CITATIONS
553	Challenges in design and characterization of ligand-targeted drug delivery systems. Journal of Controlled Release, 2012, 164, 125-137.	4.8	227
554	The long-term stability and biocompatibility of fluorescent nanodiamond as an inÂvivo contrast agent. Biomaterials, 2012, 33, 7794-7802.	5.7	235
555	Nanotechnology: From fundamental concepts to clinical applications for healthy aging. Maturitas, 2012, 73, 1-4.	1.0	4
556	Polymeric particulate technologies for oral drug delivery and targeting: A pathophysiological perspective. Maturitas, 2012, 73, 5-18.	1.0	34
557	Recent Advances in Nanoparticle-Based Förster Resonance Energy Transfer for Biosensing, Molecular Imaging and Drug Release Profiling. International Journal of Molecular Sciences, 2012, 13, 16598-16623.	1.8	119
558	Plasmon Resonance Energy Transfer from Metallic Nanoparticles to Biomolecules. , 2012, , 2126-2126.		0
559	Nanomedicine in cardiovascular therapy: recent advancements. Expert Review of Cardiovascular Therapy, 2012, 10, 805-815.	0.6	34
560	Biomedical Applications of Gold Nanoparticles. , 2012, , 101-145.		5
561	A novel nanoparticle delivery system for <i>in vivo</i> targeting of the sciatic nerve: impact on regeneration. Nanomedicine, 2012, 7, 1167-1180.	1.7	16
562	Poly- <scp>l</scp> -lysine Functionalized Large Pore Cubic Mesostructured Silica Nanoparticles as Biocompatible Carriers for Gene Delivery. ACS Nano, 2012, 6, 2104-2117.	7.3	247
563	Multifunctional Nanoparticles for Drug Delivery Applications. Nanostructure Science and Technology, 2012, , .	0.1	31
564	A Realistic Utilization of Nanotechnology in Molecular Imaging and Targeted Radiotherapy of Solid Tumors. Radiation Research, 2012, 177, 483-495.	0.7	13
565	Piezoelectric Effect at Nanoscale. , 2012, , 2085-2099.		2
566	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. EJNMMI Research, 2012, 2, 39.	1.1	120
567	Propylene Glycol Methyl Ether Acetate (PGMEA). , 2012, , 2180-2180.		0
568	Polymer Coatings. , 2012, , 2167-2174.		1
569	Immunocompatibility of Bacteriophages as Nanomedicines. Journal of Nanotechnology, 2012, 2012, 1-13.	1.5	47
570	Immunosuppressive Activity of Size-Controlled PEG-PLGA Nanoparticles Containing Encapsulated Cyclosporine A. Journal of Transplantation, 2012, 2012, 1-9.	0.3	41

ARTICLE IF CITATIONS Peptide ligand and PEG-mediated long-circulating liposome targeted to FGFR overexpressing tumor in 571 3.3 29 vivo. International Journal of Nanomedicine, 2012, 7, 4499. Targeted Nanoparticles for Cancer Therapy., 0, , . Self-assembly of lipids and nanoparticles in aqueous solution: Self-consistent field simulations. 573 1.3 4 Theoretical and Applied Mechanics Letters, 2012, 2, 014004. Overcoming drug efflux-based multidrug resistance in cancer with nanotechnology. Chinese Journal 574 of Cancer, 2012, 31, 100-109. Polysaccharide-Based Nanoparticles for Controlled Release Formulations., 0,,. 575 10 In vitro and in vivo studies on gelatin-siloxane nanoparticles conjugated with SynB peptide to increase 3.3 drug delivery to the brain. International Journal of Nanomedicine, 2012, 7, 1031. Drug delivery from structured porous inorganic materials. Wiley Interdisciplinary Reviews: 577 3.3 148 Nanomedicine and Nanobiotechnology, 2012, 4, 16-30. Beyond DNA origami: the unfolding prospects of nucleic acid nanotechnology. Wiley Interdisciplinary 3.3 36 Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 139-152. Understanding and controlling the interaction of nanomaterials with proteins in a physiological 579 18.7 1,385 environment. Chemical Society Reviews, 2012, 41, 2780-2799. Association of Chemotherapeutic Drugs with Dendrimer Nanocarriers: An Assessment of the Merits of Covalent Conjugation Compared to Noncovalent Encapsulation. Molecular Pharmaceutics, 2012, 9, 2.3 355-373. Factors Controlling Nanoparticle Pharmacokinetics: An Integrated Analysis and Perspective. Annual 581 4.2 477 Review of Pharmacology and Toxicology, 2012, 52, 481-503. Insight into Serum Protein Interactions with Functionalized Magnetic Nanoparticles in Biological 1.6 59 Media. Langmuir, 2012, 28, 4346-4356. Transferrin Adsorption onto PLGA Nanoparticles Governs Their Interaction with Biological Systems 583 1.7 95 from Blood Circulation to Brain Cancer Cells. Pharmaceutical Research, 2012, 29, 1495-1505. Materials for Drug Delivery: Innovative Solutions to Address Complex Biological Hurdles. Advanced Materials, 2012, 24, 3717-3723. 584 11.1 Nanoparticles for Targeted and Temporally Controlled Drug Delivery. Nanostructure Science and 585 0.1 51 Technology, 2012, , 9-29. Development and Application of Anticancer Nanomedicine. Nanostructure Science and Technology, 586 0.1 2012, , 31-46. Strategies for delivery of therapeutics into the central nervous system for treatment of lysosomal 587 3.044 storage disorders. Drug Delivery and Translational Research, 2012, 2, 169-186. Impact of silicon-based quantum dots on the antioxidative system in white muscle of Carassius auratus gibelio. Fish Physiology and Biochemistry, 2012, 38, 963-975.

#	Article	IF	CITATIONS
589	Study of a potential drug delivery system based on carbon nanoparticles: effects of fullerene derivatives in MCF7 mammary carcinoma cells. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	38
590	Aggregation resistant zwitterated superparamagnetic nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	11
591	Tacticity of poly(butyl-α-cyanoacrylate) chains in nanoparticles: NMR spectroscopy and DFT calculations. Structural Chemistry, 2012, 23, 815-824.	1.0	9
592	Realgar-induced apoptosis of cervical cancer cell line Siha via cytochrome c release and caspase-3 and caspase-9 activation. Chinese Journal of Integrative Medicine, 2012, 18, 359-365.	0.7	19
593	Nanoparticle delivery systems for cancer therapy: advances in clinical and preclinical research. Clinical and Translational Oncology, 2012, 14, 83-93.	1.2	239
594	Magnetic nanoparticles: an update of application for drug delivery and possible toxic effects. Archives of Toxicology, 2012, 86, 685-700.	1.9	159
595	Stimuli-responsive polymeric nanocarriers for the controlled transport of active compounds: Concepts and applications. Advanced Drug Delivery Reviews, 2012, 64, 866-884.	6.6	978
596	Fully biodegradable and cationic poly(amino oxalate) particles for the treatment of acetaminophen-induced acute liver failure. International Journal of Pharmaceutics, 2012, 434, 243-250.	2.6	11
597	Molecular imaging of a cancer-targeting theragnostics probe using a nucleolin aptamer- and microRNA-221 molecular beacon-conjugated nanoparticle. Biomaterials, 2012, 33, 207-217.	5.7	174
598	Single walled carbon nanotubes as drug delivery vehicles: Targeting doxorubicin to tumors. Biomaterials, 2012, 33, 1689-1698.	5.7	301
599	Polymer nanocomposites for improved drug delivery efficiency. Materials Chemistry and Physics, 2012, 132, 409-415.	2.0	47
600	In vitro biocompatibility of solid lipid nanoparticles. Science of the Total Environment, 2012, 432, 382-388.	3.9	35
601	Nanoparticles: a boon to drug delivery, therapeutics, diagnostics and imaging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 147-166.	1.7	1,168
602	Nanotoxicology and in vitro studies: The need of the hour. Toxicology and Applied Pharmacology, 2012, 258, 151-165.	1.3	456
603	Poly(glycerol adipate)-fatty acid esters as versatile nanocarriers: From nanocubes over ellipsoids to nanospheres. Journal of Controlled Release, 2012, 158, 156-164.	4.8	56
604	Rapid tumoritropic accumulation of systemically injected plateloid particles and their biodistribution. Journal of Controlled Release, 2012, 158, 148-155.	4.8	177
605	Complement system and the brain: Selected pathologies and avenues toward engineering of neurological nanomedicines. Journal of Controlled Release, 2012, 161, 283-289.	4.8	24
606	Biofunctional nanosystems based on dendritic polymers. Journal of Controlled Release, 2012, 161, 484-495.	4.8	82

		CITATION REPORT		
#	Article		IF	CITATIONS
607	Drug nanocrystals: In vivo performances. Journal of Controlled Release, 2012, 160, 418	-430.	4.8	277
608	Harmonic Ultrasound Imaging of Nanosized Contrast Agents for Multimodal Molecular IEEE Transactions on Instrumentation and Measurement, 2012, 61, 1848-1856.	Diagnoses.	2.4	41
609	Synthesis of Block Copolymers by Combination of Atom Transfer Radical Polymerizatio Lightâ€Induced Free Radical Promoted Cationic Polymerization. Macromolecular Rapid 2012, 33, 309-313.	n and Visible Communications,	2.0	49
610	Targeted Multifunctional Multimodal Protein-Shell Microspheres as Cancer Imaging Co Molecular Imaging and Biology, 2012, 14, 17-24.	ntrast Agents.	1.3	49
611	Perspectives and potential applications of nanomedicine in breast and prostate cancer Research Reviews, 2013, 33, 3-32.	Medicinal	5.0	39
612	Design rules for nanomedical engineering: from physical virology to the applications of materials in medicine. Journal of Biological Physics, 2013, 39, 301-325.	virus-based	0.7	53
613	Cold nanoparticle aerosols for rodent inhalation and translocation studies. Journal of N Research, 2013, 15, 1.	anoparticle	0.8	14
614	Green Synthetic, Multifunctional Hybrid Micelles with Shell Embedded Magnetic Nanop Theranostic Applications. ACS Applied Materials & Interfaces, 2013, 5, 7227-7235	particles for	4.0	34
615	New Advances on Disease Biomarkers and Molecular Targets in Biomedicine. , 2013, , .			0
616	Polymeric nanoparticles of different sizes overcome the cell membrane barrier. Europea Pharmaceutics and Biopharmaceutics, 2013, 84, 265-274.	an Journal of	2.0	59
617	Using zebrafish to study the biological impact of metal and metal oxide nanoparticles. Journal of Biomedical Nanoscience and Nanotechnology, 2013, 3, 19.	International	0.1	0
618	Modified dipeptide-based nanoparticles: vehicles for targeted tumor drug delivery. Nan 8, 1927-1942.	omedicine, 2013,	1.7	32
619	Triaxial Electrospun Nanofiber Membranes for Controlled Dual Release of Functional M Applied Materials & Interfaces, 2013, 5, 8241-8245.	olecules. ACS	4.0	185
620	LHRH-Targeted Nanogels as a Delivery System for Cisplatin to Ovarian Cancer. Molecul Pharmaceutics, 2013, 10, 3913-3921.	ar	2.3	54
621	Nanodevices for Cellular Interfaces and Electrophysiological Recording. Advanced Mate 3881-3887.	rials, 2013, 25,	11.1	20
622	Rare-earth-doped biological composites as in vivo shortwave infrared reporters. Nature Communications, 2013, 4, 2199.		5.8	631
623	Bioengineering Strategies for Designing Targeted Cancer Therapies. Advances in Cance 118, 1-59.	r Research, 2013,	1.9	68
624	Mesoporous Silica Nanoparticles for Cancer Therapy. , 2013, , 231-242.			0

#	Article	IF	CITATIONS
625	Synthesis and concentration dependent antibacterial activities of CuO nanoflakes. Materials Science and Engineering C, 2013, 33, 2020-2024.	3.8	99
627	Nanocarriers for delivery of platinum anticancer drugs. Advanced Drug Delivery Reviews, 2013, 65, 1667-1685.	6.6	345
628	Stochastic Adhesion of Hydroxylated Atomic Force Microscopy Tips to Supported Lipid Bilayers. Langmuir, 2013, 29, 16098-16104.	1.6	8
629	New therapeutic avenues in ulcerative colitis: thinking out of the box. Gut, 2013, 62, 1642-1652.	6.1	61
630	Toxicity of superparamagnetic iron oxide nanoparticles: Research strategies and implications for nanomedicine. Chinese Physics B, 2013, 22, 127503.	0.7	48
631	Fundamentals of Pharmaceutical Nanoscience. , 2013, , .		16
633	Experimental design towards an optimal lipid nanosystem: A new opportunity for paclitaxel-based therapeutics. European Journal of Pharmaceutical Sciences, 2013, 49, 302-310.	1.9	17
634	Role of new pharmaceutical technologies in enhancing the selectivity of antitumor drugs. Russian Journal of General Chemistry, 2013, 83, 2541-2547.	0.3	2
635	Intranasal exposure to amorphous nanosilica particles could activate intrinsic coagulation cascade and platelets in mice. Particle and Fibre Toxicology, 2013, 10, 41.	2.8	61
636	Altered characteristics of silica nanoparticles in bovine and human serum: the importance of nanomaterial characterization prior to its toxicological evaluation. Particle and Fibre Toxicology, 2013, 10, 56.	2.8	106
637	Drug-Initiated Ring-Opening Polymerization of <i>O</i> -Carboxyanhydrides for the Preparation of Anticancer Drug–Poly(<i>O</i> -carboxyanhydride) Nanoconjugates. Biomacromolecules, 2013, 14, 920-929.	2.6	70
638	Brain targeting with polymeric nanoparticles: which administration route should we take?. Nanomedicine, 2013, 8, 1361-1363.	1.7	16
639	Nanoparticle accumulation and transcytosis in brain endothelial cell layers. Nanoscale, 2013, 5, 11153.	2.8	104
640	Nanooncology: The future of cancer diagnosis and therapy. Ca-A Cancer Journal for Clinicians, 2013, 63, 395-418.	157.7	481
641	Antibody modified Bovine Serum Albumin microspheres for targeted delivery of anticancer agent Gemcitabine. Polymers for Advanced Technologies, 2013, 24, 294-299.	1.6	11
642	Terminal modification on mPEC-dendritic poly-(<i>l</i>)-lysine cationic diblock copolymer for efficient gene delivery. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1935-1951.	1.9	8
643	Can Controversial Nanotechnology Promise Drug Delivery?. Chemical Reviews, 2013, 113, 1686-1735.	23.0	181
644	Electron microscopy of pharmaceutical systems. Micron, 2013, 44, 45-74.	1.1	78

#	Article	IF	CITATIONS
645	Size-Dependent Tumor Penetration and <i>in Vivo</i> Efficacy of Monodisperse Drug–Silica Nanoconjugates. Molecular Pharmaceutics, 2013, 10, 883-892.	2.3	145
646	Transferrin-functionalized nanoparticles lose their targeting capabilities when a biomolecule corona adsorbs on the surface. Nature Nanotechnology, 2013, 8, 137-143.	15.6	1,516
647	Iodineâ€131 radiolabeling of poly ethylene glycolâ€coated gold nanorods for <i>in vivo</i> imaging. Journal of Labelled Compounds and Radiopharmaceuticals, 2013, 56, 12-16.	0.5	15
648	The EPR effect for macromolecular drug delivery to solid tumors: Improvement of tumor uptake, lowering of systemic toxicity, and distinct tumor imaging in vivo. Advanced Drug Delivery Reviews, 2013, 65, 71-79.	6.6	1,960
649	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. Biomaterials, 2013, 34, 5200-5209.	5.7	206
650	A phantom for visualization of three-dimensional drug release by ultrasound-induced mild hyperthermia. Medical Physics, 2013, 40, 083301.	1.6	3
651	Multifaceted Development and Application of Biopolymers for Biology, Biomedicine and Nanotechnology. Advances in Polymer Science, 2013, , .	0.4	12
652	The endocytosis and intracellular fate of nanomedicines: Implication for rational design. Asian Journal of Pharmaceutical Sciences, 2013, 8, 1-10.	4.3	453
653	The facile preparation for temperature sensitive silica/PNIPAAm composite microspheres. Applied Surface Science, 2013, 268, 489-495.	3.1	6
654	Preparation and characterization of pH-responsive guar gum microspheres. International Journal of Biological Macromolecules, 2013, 62, 636-641.	3.6	37
655	Mapping the Dawn of Nanoecotoxicological Research. Accounts of Chemical Research, 2013, 46, 823-833.	7.6	143
656	Lecithin/chitosan controlled release nanopreparations of tamoxifen citrate: Loading, enzyme-trigger release and cell uptake. Journal of Controlled Release, 2013, 167, 276-283.	4.8	55
657	Biocompatibility of engineered nanoparticles for drug delivery. Journal of Controlled Release, 2013, 166, 182-194.	4.8	597
658	Cerium oxide nanoparticles: influence of the high-Z component revealed on radioresistant 9L cell survival under X-ray irradiation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 1098-1105.	1.7	49
659	Photodynamic nanomedicine in the treatment of solid tumors: Perspectives and challenges. Journal of Controlled Release, 2013, 168, 88-102.	4.8	328
660	Nanohybridization of Low-Dimensional Nanomaterials: Synthesis, Classification, and Application. Critical Reviews in Solid State and Materials Sciences, 2013, 38, 1-56.	6.8	20
661	Single-Walled Carbon Nanotube Surface Control of Complement Recognition and Activation. ACS Nano, 2013, 7, 1108-1119.	7.3	110
662	Nanotechnology for CNS delivery of bio-therapeutic agents. Drug Delivery and Translational Research, 2013, 3, 336-351.	3.0	49
ARTICLE IF CITATIONS # Multifunctional nanomedicines: potentials and prospects. Drug Delivery and Translational Research, 663 3.0 14 2013, 3, 479-497. Size-dependentin vitrocytotoxicity assay of gold nanoparticles. Toxicological and Environmental 664 Chemistry, 2013, 95, 277-287. 666 Targeted Drug Delivery., 2013, , 181-234. 23 Composite magnetic–plasmonic nanoparticles for biomedicine: Manipulation and imaging. Nano Today, 93 2013, 8, 98-113. Membraneâ€Directed High Bactericidal Activity of (Gold Nanoparticle)–Polythiophene Composite for 669 3.9 49 Niche Applications Against Pathogenic Bacteria. Advanced Healthcare Materials, 2013, 2, 599-606. Multifaceted Transport Characteristics of Nanomedicine: Needs for Characterization in Dynamic 2.3 Environment. Molecular Pharmaceutics, 2013, 10, 2111-2126. Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimer–dexamethasone 671 2.6 39 conjugates with dexamethasone-liposomes. International Journal of Pharmaceutics, 2013, 449, 28-36. Polymers in Drug Delivery: Concepts, Developments and Potential. Advances in Predictive, Preventive 0.6 and Personalised Medicine, 2013, , 1-34. Toxicity of Novel Nanosized Formulations Used in Medicine. Methods in Molecular Biology, 2013, 1028, 673 0.4 18 47-74. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical 674 0.1 Research, 2013, , 1-23. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2013, , 675 0.1 1 293-356. Synthesis and characterisation of alginate/chitosan nanoparticles as tamoxifen controlled delivery 1.2 systems. Journal of Microencapsulation, 2013, 30, 398-408. In Vivo Bioâ Safety Evaluations and Diagnostic/Therapeutic Applications of Chemically Designed 678 11.1 636 Mesoporous Silica Nanoparticles. Advanced Materials, 2013, 25, 3144-3176. Nanotechnology and Prostate Cancer., 2013, , 555-574. 679 680 Enzyme-responsive Drug-delivery Systems. RSC Smart Materials, 2013, , 232-255. 0.1 4 Recent progress in nanomedicine: therapeutic, diagnostic and theranostic applications. Current Opinion in Biotechnology, 2013, 24, 1159-1166. 279 Dental applications of nanostructured bioactive glass and its composites. Wiley Interdisciplinary 683 3.3 40 Reviews: Nanomedicine and Nanobiotechnology, 2013, 5, 399-410. Biodegradable Polymers for Potential Delivery Systems for Therapeutics. Advances in Polymer Science, 684 2013, 169-202.

#	Article		CITATIONS
685	Lipid nanoparticles for brain targeting II. Technological characterization. Colloids and Surfaces B: Biointerfaces, 2013, 110, 130-137.	2.5	32
686	Brain-targeted polymeric nanoparticles: <i>in vivo</i> evidence of different routes of administration in rodents. Nanomedicine, 2013, 8, 1373-1383.	1.7	26
687	Synthesis, characterization and antitumor evaluation of CMCS–DTX conjugates as novel delivery platform for docetaxel. International Journal of Pharmaceutics, 2013, 451, 41-49.	2.6	43
688	PEI-derivatized fullerene drug delivery using folate as a homing device targeting to tumor. Biomaterials, 2013, 34, 251-261.	5.7	186
689	Gold nanoparticles - the theranostic challenge for PPPM: nanocardiology application. EPMA Journal, 2013, 4, 18.	3.3	38
690	Continuous Ammonium Silicofluoride Ammonification for SiO ₂ Nanoparticles Preparation in a Microchemical System. Industrial & Engineering Chemistry Research, 2013, 52, 5757-5764.	1.8	4
691	Biodegradable Gold Nanovesicles with an Ultrastrong Plasmonic Coupling Effect for Photoacoustic Imaging and Photothermal Therapy. Angewandte Chemie - International Edition, 2013, 52, 13958-13964.	7.2	577
692	Towards a nanoscale mammographic contrast agent: development of a modular pre-clinical dual optical/x-ray agent. Physics in Medicine and Biology, 2013, 58, 5215-5235.	1.6	11
693	Phagocytic uptake and ROSâ€mediated cytotoxicity in human hepatic cell line of amphiphilic polyphosphazene nanoparticles. Journal of Biomedical Materials Research - Part A, 2013, 101A, 285-297.	2.1	8
694	Nanomaterials: Applications in Drug Delivery. , 2013, , 131-151.		1
695	A bisphosphonate tweezers and clickable PEGylated PAMAM dendrons for the preparation of functional iron oxide nanoparticles displaying renal and hepatobiliary elimination. Chemical Communications, 2013, 49, 9158.	2.2	37
696	A Bis(phosphine)-Modified Peptide Ligand for Stable and Luminescent Quantum Dots in Aqueous Media. Synthesis, 2013, 45, 2426-2430.	1.2	5
697	MULTIFUNCTIONAL FULLERENE- AND METALLOFULLERENE-BASED NANOBIOMATERIALS. Nano LIFE, 2013, 03, 1342003.	0.6	52
698	Nanotechnology and Processes the Nanophotovoltaic Panels. Advanced Materials Research, 2013, 837, 694-698.	0.3	3
699	Monocytes and macrophages as nanomedicinal targets for improved diagnosis and treatment of disease. Expert Review of Molecular Diagnostics, 2013, 13, 567-580.	1.5	86
700	Functionalised gold nanoparticles for selective induction of <i>inÂvitro</i> apoptosis among human cancer cell lines. Journal of Experimental Nanoscience, 2013, 8, 32-45.	1.3	51
701	Current status of nanomedicine and nanosurgery. Anesthesia: Essays and Researches, 2013, 7, 237.	0.2	18
702	Polymeric micelles as a drug carrier for tumor targeting. Chronicles of Young Scientists, 2013, 4, 94.	0.4	23

#	Article	IF	CITATIONS
703	Template synthesis of test tube nanoparticles using non-destructive replication. Nanotechnology, 2013, 24, 085601.	1.3	0
704	Remotely Triggered Drug Release from Gold Nanoparticle-based Systems. RSC Smart Materials, 2013, , 1-31.	0.1	3
705	In Vitro Apoptosis Enhancement of Hep-G2 Cells by PLA–TPGS and PLA–PEG Block Copolymer Encapsulated Curcumin Nanoparticles. Chemistry Letters, 2013, 42, 255-257.	0.7	11
709	The Use of Molecularly Imprinted Polymers for Dermal Drug Delivery. Pharmaceutica Analytica Acta, 2013, 04, .	0.2	5
710	Pronounced induction of endoplasmic reticulum stress and tumor suppression by surfactant-free poly (lactic-co-glycolic acid) nanoparticles via modulation of the PI3K signaling pathway. International Journal of Nanomedicine, 2013, 8, 2689.	3.3	16
711	NANOTECHNOLOGY IN HERBAL MEDICINES AND COSMETICS. International Journal of Research in Ayurveda and Pharmacy, 2013, 4, 472-474.	0.0	29
712	Atomic Force Microscopy Images Label-Free, Drug Encapsulated Nanoparticles In Vivo and Detects Difference in Tissue Mechanical Properties of Treated and Untreated: A Tip for Nanotoxicology. PLoS ONE, 2013, 8, e64490.	1.1	22
713	Bioinformatic Analysis of Differential Protein Expression in Calu-3 Cells Exposed to Carbon Nanotubes. Proteomes, 2013, 1, 219-239.	1.7	7
714	Accelerated killing of cancer cells using a multifunctional single-walled carbon nanotube-based system for targeted drug delivery in combination with photothermal therapy. International Journal of Nanomedicine, 2013, 8, 2653.	3.3	61
715	Novel role of nanotechnology in medicine. International Journal of Biomedical Research, 2014, 5, 482.	0.1	4
716	N-Succinyl-chitosan nanoparticles coupled with low-density lipoprotein for targeted osthole-loaded delivery to low-density lipoprotein receptor-rich tumors. International Journal of Nanomedicine, 2014, 9, 2919.	3.3	39
717	Enhanced antitumor activity of realgar mediated by milling it to nanosize. International Journal of Nanomedicine, 2014, 9, 745.	3.3	30
718	New Strategies for Treatment of Inflammatory Bowel Disease. Frontiers in Medicine, 2014, 1, 3.	1.2	47
719	Functionalized polystyrene nanoparticles as a platform for studying bio–nano interactions. Beilstein Journal of Nanotechnology, 2014, 5, 2403-2412.	1.5	165
720	Nanoparticle-Mediated Drug Delivery System for Cardiovascular Disease. International Heart Journal, 2014, 55, 281-286.	0.5	69
721	Editorial (Mini Thematic Issue: Nanoscience Advances in Rheumatology and Immunology). Current Rheumatology Reviews, 2014, 10, 1-1.	0.4	2
722	Nanopharmacology in translational hematology and oncology. International Journal of Nanomedicine, 2014, 9, 3465.	3.3	40
723	Nanoparticle-based Diagnostic Imaging of Inflammation in Rheumatic Disease. Current Rheumatology Reviews, 2014, 10, 3-10.	0.4	4

#	Article	IF	CITATIONS
724	Theranostic Nanoparticles: Imaging and Therapy Combined. Journal of Molecular Pharmaceutics & Organic Process Research, 2014, 02, .	2.0	4
726	Pharmacokinetic Properties and Safety of Cadmium-Containing Quantum Dots as Drug Delivery Systems. , 2014, , .		1
730	Nanotechnology based approaches in cancer therapeutics. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2014, 5, 043001.	0.7	89
731	Lysosomes and Nanotherapeutics: Diseases, Treatments, and Side Effects. Frontiers in Nanobiomedical Research, 2014, , 261-305.	0.1	2
732	Enhanced magnetic delivery of superparamagnetic iron oxide nanoparticles to the lung monitored using noninvasive MR. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	5
733	Porphysome nanoparticles: Tailoring treatments with nature's pigments. Photonics & Lasers in Medicine, 2014, 3, .	0.3	6
734	Nanotechnology in Cancer Drug Delivery and Selective Targeting. ISRN Nanotechnology, 2014, 2014, 1-12.	1.3	212
735	PinX1-siRNA/mPEG-PEI-SPION combined with doxorubicin enhances the inhibition of glioma growth. Experimental and Therapeutic Medicine, 2014, 7, 1170-1176.	0.8	15
736	Nanotoxicology and safety evaluation of nanomedicines. , 2014, , .		1
737	Nano-sized titanium dioxide-induced splenic toxicity: A biological pathway explored using microarray technology. Journal of Hazardous Materials, 2014, 278, 180-188.	6.5	37
738	Semihydrophobic Nanoparticle-Induced Disruption of Supported Lipid Bilayers: Specific Ion Effect. Journal of Physical Chemistry B, 2014, 118, 13175-13182.	1.2	22
739	Nanomedicine for Global Health. Journal of the Association for Laboratory Automation, 2014, 19, 511-516.	2.8	15
740	Immunomodulatory effects in the spleenâ€injured mice following exposure to titanium dioxide nanoparticles. Journal of Biomedical Materials Research - Part A, 2014, 102, 3562-3572.	2.1	42
741	Nanomedicine. Nanostructure Science and Technology, 2014, , .	0.1	21
742	Nano-antibiotics: Nanotechnology in Fighting Against Infectious Diseases. Frontiers in Nanobiomedical Research, 2014, , 373-405.	0.1	1
743	Harmful or Helpful, the Toxicity and Safety of Nano-sized Medicine. Nanostructure Science and Technology, 2014, , 237-250.	0.1	0
744	Engineering Fluorescent Nanoparticles for Biomedical Applications. , 2014, , 535-566.		0
745	In-vivo evaluation of tamoxifen-loaded microspheres based on mixtures of poly (D,L-lactide-co-glycolide) and poly (D,L-lactide) polymers. Anti-Cancer Drugs, 2014, 25, 641-651.	0.7	3

#	Article	IF	CITATIONS
746	Assessing the transport of receptor-mediated drug-delivery devices across cellular monolayers. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 455-473.	1.9	1
747	Reproducibility in biological models of the blood-brain barrier. European Journal of Nanomedicine, 2014, 6, .	0.6	10
748	Development of functional biomaterials with micro- and nanoscale technologies for tissue engineering and drug delivery applications. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 1-14.	1.3	86
749	Health hazards associated with nanomaterials. Toxicology and Industrial Health, 2014, 30, 499-519.	0.6	46
750	Tiny Medicine. , 2014, , 713-747.		1
751	Two amino acid-based superlow fouling polymers: Poly(lysine methacrylamide) and poly(ornithine) Tj ETQq1 1 C	.784314 rg 4.1	gBT_/Overloc
752	Comparative Proteomic Analysis Shows an Elevation of Mdh1 Associated with Hepatotoxicity Induced by Copper Nanoparticle in Rats. Journal of Integrative Agriculture, 2014, 13, 1073-1081.	1.7	6
753	Folate-Targeted Nanoparticles Based on Albumin and Albumin/Alginate Mixtures as Controlled Release Systems of Tamoxifen: Synthesis and In Vitro Characterization. Pharmaceutical Research, 2014, 31, 182-193.	1.7	23
754	Type 1 ribotoxin-curcin conjugated biogenic gold nanoparticles for a multimodal therapeutic approach towards brain cancer. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1657-1669.	1.1	47
755	Antitumoral and MMP-2 inhibition activity of raloxifene or tamoxifen loaded nanoparticles containing dimethyl-β-cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 31-36.	0.9	3
756	Stimuliâ€Responsive Materials for Controlled Release of Theranostic Agents. Advanced Functional Materials, 2014, 24, 4206-4220.	7.8	294
757	Green synthesis of gold nanoparticles using Curcuma pseudomontana essential oil, its biological activity and cytotoxicity against human ductal breast carcinoma cells T47D. Journal of Environmental Chemical Engineering, 2014, 2, 2037-2044.	3.3	58
758	Bio-modified carbon nanoparticles loaded with methotrexate Possible carrier for anticancer drug delivery. Materials Science and Engineering C, 2014, 36, 14-19.	3.8	39
759	Using viruses as nanomedicines. British Journal of Pharmacology, 2014, 171, 4001-4009.	2.7	53
760	A hydrogel-based tumor model for the evaluation of nanoparticle-based cancer therapeutics. Biomaterials, 2014, 35, 3319-3330.	5.7	103
761	Interaction of stable colloidal nanoparticles with cellular membranes. Biotechnology Advances, 2014, 32, 679-692.	6.0	62
762	Is nanotechnology a boon for oral drug delivery?. Drug Discovery Today, 2014, 19, 1530-1546.	3.2	122
763	A tumor-targeting near-infrared laser-triggered drug delivery system based on GO@Ag nanoparticles for chemo-photothermal therapy and X-ray imaging. Biomaterials, 2014, 35, 5847-5861.	5.7	226

#	Article		CITATIONS
764	Human immunity in vitro — Solving immunogenicity and more. Advanced Drug Delivery Reviews, 2014, 69-70, 103-122.	6.6	53
765	Nanoparticle vaccines. Vaccine, 2014, 32, 327-337.	1.7	737
766	Liposomal siRNA nanocarriers for cancer therapy. Advanced Drug Delivery Reviews, 2014, 66, 110-116.	6.6	364
767	A synergistic combination therapy with paclitaxel and doxorubicin loaded micellar nanoparticles. Colloids and Surfaces B: Biointerfaces, 2014, 116, 41-48.	2.5	31
768	Non-eroding drug-releasing implants with ordered nanoporous and nanotubular structures: concepts for controlling drug release. Biomaterials Science, 2014, 2, 10-34.	2.6	95
769	Electron Microscopy of Pharmaceutical Systems. Advances in Imaging and Electron Physics, 2014, , 125-208.	0.1	5
770	Sol-Gel processing of silica nanoparticles and their applications. Advances in Colloid and Interface Science, 2014, 214, 17-37.	7.0	264
771	Polymeric Biomaterials in Nanomedicine. , 2014, , 387-395.		12
772	Laser fluence and exposure time effects on optoacoustic signal from gold nanorods for enhanced medical imaging. , 2014, , .		1
773	A comparison of six major platelet functional tests to assess the impact of carbon nanomaterials on platelet function: A practical guide. Nanotoxicology, 2014, 8, 220-232.	1.6	11
774	Synthesis, Colloidal Properties and Cytotoxicity of Biopolymer Nanoparticles. Applied Biochemistry and Biotechnology, 2014, 174, 2181-2194.	1.4	19
775	Barriers to advancing nanotechnology to better improve and translate nanomedicines. Frontiers of Chemical Science and Engineering, 2014, 8, 265-275.	2.3	19
776	Hollow periodic mesoporous organosilicas for highly efficient HIFU-based synergistic therapy. RSC Advances, 2014, 4, 17950.	1.7	42
777	Oligoamine-tethered low generation polyamidoamine dendrimers as potential nucleic acid carriers. Biomaterials Science, 2014, 2, 1275-1286.	2.6	7
778	Nanotechnology applications in diagnosis and treatment of metastasis. Nanomedicine, 2014, 9, 1517-1529.	1.7	7
779	Amphiphile-mediated enhanced antibiotic efficacy and development of a payload nanocarrier for effective killing of pathogenic bacteria. Journal of Materials Chemistry B, 2014, 2, 5818.	2.9	20
780	Complexes formed between DNA and poly(amido amine) dendrimers of different generations – modelling DNA wrapping and penetration. Physical Chemistry Chemical Physics, 2014, 16, 13112-13122.	1.3	15
781	<i>In Situ</i> Re-endothelialization <i>via</i> Multifunctional Nanoscaffolds. ACS Nano, 2014, 8, 10826-10836.	7.3	29

#	Article	IF	CITATIONS
782	Triphase Interface Synthesis of Plasmonic Gold Bellflowers as Near-Infrared Light Mediated Acoustic and Thermal Theranostics. Journal of the American Chemical Society, 2014, 136, 8307-8313.	6.6	203
783	Histidine Adsorption on TiO ₂ Nanoparticles: An Integrated Spectroscopic, Thermodynamic, and Molecular-Based Approach toward Understanding Nano–Bio Interactions. Langmuir, 2014, 30, 8751-8760.	1.6	64
784	Intrinsically Germaniumâ€69‣abeled Iron Oxide Nanoparticles: Synthesis and Inâ€Vivo Dualâ€Modality PET/MR Imaging. Advanced Materials, 2014, 26, 5119-5123.	11.1	158
786	PEGylated nanomedicines: recent progress and remaining concerns. Expert Opinion on Drug Delivery, 2014, 11, 139-154.	2.4	102
787	Calcium phosphate nanoparticles primarily induce cell necrosis through lysosomal rupture: the origination of material cytotoxicity. Journal of Materials Chemistry B, 2014, 2, 3480.	2.9	62
788	Investigating the optimal size of anticancer nanomedicine. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15344-15349.	3.3	523
789	Improved brain uptake of peptide-based CNS drugs via alternative routes of administrations of its nanocarrier delivery systems: a promising strategy for CNS targeting delivery of peptides. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 1491-1508.	1.5	12
790	Nanobiotechnology and bone regeneration: a mini-review. International Orthopaedics, 2014, 38, 1877-1884.	0.9	35
791	Progress in the characterization of bio-functionalized nanoparticles using NMR methods and their applications as MRI contrast agents. Progress in Nuclear Magnetic Resonance Spectroscopy, 2014, 79, 1-13.	3.9	25
792	Functionalized Spider Silk Spheres As Drug Carriers for Targeted Cancer Therapy. Biomacromolecules, 2014, 15, 2971-2981.	2.6	74
793	Nanomedicine: Building a Bridge Between Science and Law. NanoEthics, 2014, 8, 141-163.	0.5	6
794	Quantitation of Oxidative Stress Gene Expression in MCF-7 Human Cell Lines Treated with Water-Dispersible CuO Nanoparticles. Applied Biochemistry and Biotechnology, 2014, 173, 731-740.	1.4	6
795	Nanoparticles in Medicine. , 2014, , 77-89.		5
796	Inhibition of Protein and Cell Attachment on Materials Generated from <i>N</i> -(2-Hydroxypropyl) Acrylamide. Biomacromolecules, 2014, 15, 3259-3266.	2.6	36
797	Biocompatibility of porous silicon for biomedical applications. , 2014, , 129-181.		3
798	A novel multifunctional poly(amidoamine) dendrimeric delivery system with superior encapsulation capacity for targeted delivery of the chemotherapy drug 10-hydroxycamptothecin. International Journal of Pharmaceutics, 2014, 465, 378-387.	2.6	31
799	Targeted gene delivery by polyplex micelles with crowded PEG palisade and cRGD moiety for systemic treatment of pancreatic tumors. Biomaterials, 2014, 35, 3416-3426.	5.7	121
800	Star-branched amphiphilic PLA-b-PDMAEMA copolymers for co-delivery of miR-21 inhibitor and doxorubicin to treat glioma. Biomaterials, 2014, 35, 2322-2335.	5.7	167

#	Article	IF	CITATIONS
801	Just so stories: The random acts of anti-cancer nanomedicine performance. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1661-1666.	1.7	69
802	Role of size and surface area for pro-inflammatory responses to silica nanoparticles in epithelial lung cells: Importance of exposure conditions. Toxicology in Vitro, 2014, 28, 146-155.	1.1	34
803	Preparation of Monodisperse Ferrite Nanocrystals with Tunable Morphology and Magnetic Properties. Chemistry - an Asian Journal, 2014, 9, 1161-1167.	1.7	16
804	Light-Responsive Micelles of Spiropyran Initiated Hyperbranched Polyglycerol for Smart Drug Delivery. Biomacromolecules, 2014, 15, 628-634.	2.6	180
805	Synthesis of multi-functional large pore mesoporous silica nanoparticles as gene carriers. Nanotechnology, 2014, 25, 055701.	1.3	53
806	Development of High Drug Loaded and Customizing Novel Nanoparticles for Modulated and Controlled Release of Paclitaxel. Pharmaceutical Research, 2014, 31, 3461-3477.	1.7	7
807	Multifunctionalization of magnetic nanoparticles for controlled drug release: A general approach. European Journal of Medicinal Chemistry, 2014, 82, 355-362.	2.6	55
808	Lipid–polymer nanoparticles encapsulating curcumin for modulating the vascular deposition of breast cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, e991-e1002.	1.7	81
809	Solid lipid nanoparticles induced hematological changes and inflammatory response in mice. Nanotoxicology, 2014, 8, 212-219.	1.6	19
810	Gold nanocages as multifunctional materials for nanomedicine. Frontiers of Physics, 2014, 9, 378-384.	2.4	58
811	Therapeutic Effects of Gel Ointments Containing Tranilast Nanoparticles on Paw Edema in Adjuvant-Induced Arthritis Rats. Biological and Pharmaceutical Bulletin, 2014, 37, 96-104.	0.6	38
812	Detection of DLCA based are executed as a standard like on shartware and states. TT D		
	spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791.	3.3	18
813	Spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791. Nanotechnology applications for the therapy of liver fibrosis. World Journal of Gastroenterology, 2014, 20, 7242.	3.3 1.4	18 74
813 814	Detection of PLCA-based hanoparticles at a single-cell level by synchrotron radiation FTR spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791. Nanotechnology applications for the therapy of liver fibrosis. World Journal of Gastroenterology, 2014, 20, 7242. Nanoparticles for Dermal and Transdermal Drug Delivery. , 0, , .	3.3	18 74 34
813 814 816	Detection of PLCA-based hanoparticles at a single-cell level by synchrotron radiation FTR spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791. Nanotechnology applications for the therapy of liver fibrosis. World Journal of Gastroenterology, 2014, 20, 7242. Nanoparticles for Dermal and Transdermal Drug Delivery. , 0, , . Physicochemical Characterization–Dependent Toxicity of Nanoparticles. , 2014, , 73-102.	3.3	18 74 34 2
813 814 816 818	Detection of PLCA-based nanoparticles at a single-cell level by synchrotron radiation FIR spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791. Nanotechnology applications for the therapy of liver fibrosis. World Journal of Castroenterology, 2014, 20, 7242. Nanoparticles for Dermal and Transdermal Drug Delivery. , 0, , . Physicochemical Characterization–Dependent Toxicity of Nanoparticles. , 2014, , 73-102. Chapter 7: Nanodimensional and Nanocrystalline Calcium Orthophosphates. Frontiers in Nanobiomedical Research, 2014, , 219-341.	3.3 1.4 0.1	18 74 34 2 5
813 814 816 818 820	Detection of PLCA-based hanoparticles at a single-cell level by synchrotron radiation FTR spectromicroscopy and correlation with X-ray fluorescence microscopy. International Journal of Nanomedicine, 2014, 9, 2791. Nanotechnology applications for the therapy of liver fibrosis. World Journal of Gastroenterology, 2014, 20, 7242. Nanoparticles for Dermal and Transdermal Drug Delivery. , 0, , . Physicochemical Characterization–Dependent Toxicity of Nanoparticles. , 2014, , 73-102. Chapter 7: Nanodimensional and Nanocrystalline Calcium Orthophosphates. Frontiers in Nanobiomedical Research, 2014, , 219-341. Radiation Toxicity. , 2014, , 909-982.	3.3 1.4 0.1	 18 74 34 2 5 5

#	Article	IF	Citations
822	Regenerative Dentistry: Stem Cells Meet Nanotechnology. , 2014, , 255-287.		2
823	Impedance Spectroscopy for Silica Nanoparticle Detection in Caco-2 Cells. Procedia Engineering, 2014, 87, 364-368.	1.2	0
825	Anatomical and Physicochemical Factors Controlling Nanoparticle Pharmacokinetics. Frontiers in Nanobiomedical Research, 2014, , 31-44.	0.1	1
826	Nanomedicines Targeting the Tumor Microenvironment. Cancer Journal (Sudbury, Mass), 2015, 21, 314-321.	1.0	64
828	Pharmacokinetics and Antiinflammatory Effect of a Novel Gel System Containing Ketoprofen Solid Nanoparticles. Biological and Pharmaceutical Bulletin, 2015, 38, 1918-1924.	0.6	31
829	Paclitaxel Nanosuspension from EAK16-II Peptide as a Stabilizer and Its Anticancer Activity. Chemistry Letters, 2015, 44, 1535-1537.	0.7	0
830	Regulating Biocompatibility of Carbon Spheres via Defined Nanoscale Chemistry and a Careful Selection of Surface Functionalities. Scientific Reports, 2015, 5, 14986.	1.6	46
831	The euglobulin clot lysis time to assess the impact of nanoparticles on fibrinolysis. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	1
832	Synthesis of Carbohydrate Capped Silicon Nanoparticles and their Reduced Cytotoxicity, In Vivo Toxicity, and Cellular Uptake. Advanced Healthcare Materials, 2015, 4, 1877-1886.	3.9	24
833	Nanoneurobiophysics: new challenges for diagnosis and therapy of neurologic disorders. Nanomedicine, 2015, 10, 3417-3419.	1.7	19
834	3.5 Current Trends and Developments for Nanotechnology in Cancer. , 2015, , 290-342.		0
835	Multifunctional Delivery Systems for Cancer Gene Therapy. , 2015, , .		4
836	Microfluidic Impedimetric Cell Regeneration Assay to Monitor the Enhanced Cytotoxic Effect of Nanomaterial Perfusion. Biosensors, 2015, 5, 736-749.	2.3	40
837	Nano-pharmaceutical Formulations for Targeted Drug Delivery against HER2 in Breast Cancer. Current Cancer Drug Targets, 2015, 15, 71-86.	0.8	30
838	Specific Targeting of Engineered Nanoparticles to Activated Macrophages. Current Nanoscience, 2015, 12, 63-69.	0.7	5
839	Preparation and Characterization of Nano Silica from Equisetum arvenses. Journal of Bioprocessing & Biotechniques, 2015, 05, .	0.2	14
840	The acceptability of nanocarriers for drug delivery in different contexts of use: perceptions of researchers and research trainees in the field of new technologies. International Journal of Nanomedicine, 2015, 10, 2125.	3.3	2
841	Exploiting Size-Dependent Drag and Magnetic Forces for Size-Specific Separation of Magnetic Nanoparticles. International Journal of Molecular Sciences, 2015, 16, 20001-20019.	1.8	10

#	Article		CITATIONS
842	Effective Targeting of Hepatocellular Carcinoma through Glypican-3 Ligand Peptide Functionalization of Silica Nanoparticles. , 2015, , .		1
843	Nanotechnology-based inhalation treatments for lung cancer: state of the art. Nanotechnology, Science and Applications, 2015, 8, 55.	4.6	105
844	Nanotechnology in medicine and healthcare: Possibilities, progress and problems. South African Journal of Bioethics and Law, 2015, 8, 50.	0.1	4
845	Novel ZnO:Ag nanocomposites induce significant oxidative stress in human fibroblast malignant melanoma (Ht144) cells. Beilstein Journal of Nanotechnology, 2015, 6, 570-582.	1.5	52
846	Topical Therapies for Rheumatoid Arthritis by Gel Ointments containing Indomethacin Nanoparticles in Adjuvant-Induced Arthritis Rat. Journal of Oleo Science, 2015, 64, 337-346.	0.6	31
847	Effect of Clinoptilolite and Sepiolite Nanoclays on Human and Parasitic Highly Phagocytic Cells. BioMed Research International, 2015, 2015, 1-12.	0.9	15
848	<i>Jasada bhasma</i> , a Zinc-Based Ayurvedic Preparation: Contemporary Evidence of Antidiabetic Activity Inspires Development of a Nanomedicine. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	14
849	Zinc Oxide Nanoparticles and Photodynamic Therapy for the Treatment of B-chronic Lymphocytic Leukemia. , 0, , .		2
850	Applications and Safety of Nanomaterials Used in the Food Industry. Food Safety (Tokyo, Japan), 2015, 3, 39-47.	1.0	22
851	PLGA: a unique polymer for drug delivery. Therapeutic Delivery, 2015, 6, 41-58.	1.2	429
853	A highly tumor-targeted nanoparticle of podophyllotoxin penetrated tumor core and regressed multidrug resistant tumors. Biomaterials, 2015, 52, 335-346.	5.7	69
854	Porous silicon for cancer therapy: from fundamental research to the clinic. Reviews in Chemical Engineering, 2015, 31, .	2.3	14
855	Calcium carbonate nanoparticles as cancer drug delivery system. Expert Opinion on Drug Delivery, 2015, 12, 1649-1660.	2.4	216
856	Synthesis, characterization and biocompatibility of cadmium sulfide nanoparticles capped with dextrin for in vivo and in vitro imaging application. Journal of Nanobiotechnology, 2015, 13, 83.	4.2	29
857	Effects of the physicochemical properties of gold nanostructures on cellular internalization. International Journal of Energy Production and Management, 2015, 2, 273-280.	1.9	42
858	Recent Advances in Phthalocyanine-Based Functional Molecular Materials. Structure and Bonding, 2015, , 159-199.	1.0	15
859	Nanobiotechnology and its applications in drug delivery system: a review. IET Nanobiotechnology, 2015, 9, 396-400.	1.9	67
860	Editorial: Brave new world – Focus on nanomedicine. Biochemical and Biophysical Research Communications, 2015, 468, 409-410.	1.0	3

#	Article	IF	CITATIONS
861	Nanomedicines for endothelial disorders. Nano Today, 2015, 10, 759-776.	6.2	49
862	Uptake efficiency of surface modified gold nanoparticles does not correlate with functional changes and cytokine secretion in human dendritic cells in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 633-644.	1.7	78
863	Analysis of long- and short-range contribution to adhesion work in cardiac fibroblasts: An atomic force microscopy study. Materials Science and Engineering C, 2015, 49, 217-224.	3.8	6
864	Reversibly lightâ€responsive biodegradable poly(carbonate) micelles constructed via <scp>C</scp> u <scp>AAC</scp> reaction. Journal of Polymer Science Part A, 2015, 53, 750-760.	2.5	30
865	Synthesis of chitosan-g-poly(acrylamide)/ZnS nanocomposite for controlled drug delivery and antimicrobial activity. International Journal of Biological Macromolecules, 2015, 74, 547-557.	3.6	45
866	Toxicology Considerations in Nanomedicine. , 2015, , 239-261.		1
867	Reduction-responsive dithiomaleimide-based nanomedicine with high drug loading and FRET-indicated drug release. Chemical Communications, 2015, 51, 4807-4810.	2.2	51
868	Synthesis and in vitro evaluation of a hyaluronic acid–quantum dots–melphalan conjugate. Carbohydrate Polymers, 2015, 121, 132-139.	5.1	20
869	Shear induced simultaneous consolidation and alignment of silicon nanowires into ingots using equal channel angular extrusion (ECAE). Materials Research Express, 2015, 2, 015013.	0.8	2
870	Identification of Polyethylene Glycol-Resistant Macrophages on Stealth Imaging <i>in Vitro</i> Using Fluorescent Organosilica Nanoparticles. ACS Nano, 2015, 9, 1058-1071.	7.3	33
871	Improved delivery of the natural anticancer drug tetrandrine. International Journal of Pharmaceutics, 2015, 479, 41-51.	2.6	29
872	Characterizing nanoparticles in complex biological media and physiological fluids with depolarized dynamic light scattering. Nanoscale, 2015, 7, 5991-5997.	2.8	75
873	Hybrid Lipid-Capped Mesoporous Silica for Stimuli-Responsive Drug Release and Overcoming Multidrug Resistance. ACS Applied Materials & Interfaces, 2015, 7, 3342-3351.	4.0	104
874	Nanomedicine in Theranostics. , 2015, , 195-213.		7
875	Elasticity of Nanoparticles Influences Their Blood Circulation, Phagocytosis, Endocytosis, and Targeting. ACS Nano, 2015, 9, 3169-3177.	7.3	470
876	Drug Targeting in Anticancer Chemotherapy. , 2015, , 595-653.		2
877	Physical Principles of Nanoparticle Cellular Endocytosis. ACS Nano, 2015, 9, 8655-8671.	7.3	852
878	Luminescent Ruthenium(II) Complex Bearing Bipyridine and N-Heterocyclic Carbene-based Câ^§Nâ^§C Pincer Ligand for Live-Cell Imaging of Endocytosis. Scientific Reports, 2015, 5, 9070.	1.6	22

		CITATION RE	EPORT	
#	Article		IF	Citations
879	Gold nanoparticles and vaccine development. Expert Review of Vaccines, 2015, 14, 1197-121	.1.	2.0	69
880	Cationic Liposome- Multi-Walled Carbon Nanotubes Hybrids for Dual siPLK1 and Doxorubicin In Vitro. Pharmaceutical Research, 2015, 32, 3293-3308.	Delivery	1.7	25
881	Hydroxylated Mesoporous Nanosilica Coated by Polyethylenimine Coupled with Gadolinium a Acid: A Tumor-Targeted <i>T</i> ₁ Magnetic Resonance Contrast Agent and Drug System. ACS Applied Materials & Interfaces, 2015, 7, 14192-14200.	nd Folic g Delivery	4.0	57
882	Electrochemically Engineered Nanoporous Materials. Springer Series in Materials Science, 201	15,,.	0.4	23
883	Quantum dots in nanomedicine: recent trends, advances and unresolved issues. Biochemical Biophysical Research Communications, 2015, 468, 419-427.	and	1.0	87
884	Galactose engineered solid lipid nanoparticles for targeted delivery of doxorubicin. Colloids ar Surfaces B: Biointerfaces, 2015, 134, 47-58.	nd	2.5	132
885	Hyaluronic acid and polyethylenimine self-assembled polyion complexes as pH-sensitive drug for cancer therapy. Colloids and Surfaces B: Biointerfaces, 2015, 134, 81-87.	carrier	2.5	31
886	Application of gold nanoparticles for gastrointestinal cancer theranostics: A systematic review Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 2083-2098.	ν.	1.7	81
887	Metallic nanoparticles as synthetic building blocks for cancer diagnostics: from materials desi molecular imaging applications. Journal of Materials Chemistry B, 2015, 3, 5657-5672.	gn to	2.9	37
888	Molecular photoacoustic imaging of breast cancer using an actively targeted conjugated poly International Journal of Nanomedicine, 2015, 10, 387.	vmer.	3.3	41
889	Image-Guided Delivery of Therapeutics to the Brain. Advances in Delivery Science and Technol , 151-177.	logy, 2015,	0.4	1
890	Nonâ€Aqueous Sol–Gel Synthesis of Ultra Small Persistent Luminescence Nanoparticles for Nearâ€Infrared In Vivo Imaging. Chemistry - A European Journal, 2015, 21, 7350-7354.		1.7	66
891	Characterisation and determination of fullerenes: A critical review. Analytica Chimica Acta, 20 1-21.	15, 882,	2.6	151
892	Drug nanosuspensions: a ZIP tool between traditional and innovative pharmaceutical formula Expert Opinion on Drug Delivery, 2015, 12, 1607-1625.	tions.	2.4	42
893	Impact of surface coated magnetite used in magnetic drug delivery system on immune respon Journal of Applied Physics, 2015, 117, 17D135.	nse.	1.1	1
894	EGFR Targeted Theranostic Nanoemulsion for Image-Guided Ovarian Cancer Therapy. Pharma Research, 2015, 32, 2753-63.	ceutical	1.7	24
895	Cellulose/Cellulose-Based Nanospheres: Perspectives and Prospective. Industrial Biotechnolog 11, 34-43.	şy, 2015,	0.5	9
896	Nanoparticles can cross mouse placenta and induce trophoblast apoptosis. Placenta, 2015, 3	6, 1433-1441.	0.7	62

#	Article	IF	CITATIONS
897	Poorly Water Soluble Drug Nanostructures via Surface Solvent Evaporation. Nano LIFE, 2015, 05, 1540005.	0.6	1
898	Surface bioengineering of diatomite based nanovectors for efficient intracellular uptake and drug delivery. Nanoscale, 2015, 7, 20063-20074.	2.8	81
899	Arg-Gly-Asp-D-Phe-Lys peptide-modified PEGylated dendrimer-entrapped gold nanoparticles for targeted computed tomography imaging of breast carcinoma. Nanomedicine, 2015, 10, 2185-2197.	1.7	21
900	Impact of phospholipids on plasmid packaging and toxicity of gemini nanoparticles. Journal of Materials Chemistry B, 2015, 3, 8806-8822.	2.9	5
901	Controlled modification of starch in the synthesis of gold nanoparticles with tunable optical properties and their application in heavy metal sensing. RSC Advances, 2015, 5, 81554-81564.	1.7	16
902	Quantitatively Understanding Cellular Uptake of Gold Nanoparticles via Radioactivity Analysis. Journal of Nanoscience and Nanotechnology, 2015, 15, 3834-3838.	0.9	17
904	Monoclonal antibody conjugated magnetic nanoparticles could target MUCâ€lâ€positive cells <i>in vitro</i> but not <i>in vivo</i> . Contrast Media and Molecular Imaging, 2015, 10, 225-236.	0.4	50
905	Nanotoxicology: Contemporary Issues and Future Directions. Advances in Delivery Science and Technology, 2015, , 733-781.	0.4	3
906	Graphene quantum dots induce apoptosis, autophagy, and inflammatory response via p38 mitogen-activated protein kinase and nuclear factor-ŀ® mediated signaling pathways in activated THP-1 macrophages. Toxicology, 2015, 327, 62-76.	2.0	167
907	A Review: Potential Usage of Cellulose Nanofibers (CNF) for Enzyme Immobilization via Covalent Interactions. Applied Biochemistry and Biotechnology, 2015, 175, 1817-1842.	1.4	100
908	Nanomaterials for Theranostics: Recent Advances and Future Challenges. Chemical Reviews, 2015, 115, 327-394.	23.0	1,063
909	Genomic Instability and Cancer Metastasis. Cancer Metastasis - Biology and Treatment, 2015, , .	0.1	1
910	Nanoparticle Polydispersity Can Strongly Affect In Vitro Dose. Particle and Particle Systems Characterization, 2015, 32, 321-333.	1.2	30
911	Nanomedical engineering: shaping future nanomedicines. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 169-188.	3.3	50
912	Silica nanoparticle induces oxidative stress and provokes inflammation in human lung cells. Journal of Experimental Nanoscience, 2015, 10, 983-1000.	1.3	10
913	Recent advancements in the cardiovascular drug carriers. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 216-225.	1.9	38
914	Surface-coated PLA nanoparticles loaded with temozolomide for improved brain deposition and potential treatment of gliomas: development, characterization and in vivo studies. Drug Delivery, 2016, 23, 989-1006.	2.5	35
915	Drug Delivery Nanoparticles Formulation and Characterization. , 0, , .		40

#	ARTICLE	IF	CITATIONS
916	Silica-Based Nanovectors: From Mother Nature to Biomedical Applications. , 2016, , .		1
917	Antibody-largeted immunocarriers for Cancer Treatment. , 0, , .		0
918	Nanobiomaterials. , 2016, , 401-429.		5
919	Shift in Macrophage Polarity and Preeclampsia. Reproductive Immunology Open Access, 2016, 01, .	0.1	0
920	Nanosilica and Polyacrylate/Nanosilica: A Comparative Study of Acute Toxicity. BioMed Research International, 2016, 2016, 1-7.	0.9	10
921	Improved oral bioavailability of bioactives through lipid-based nanoarchitectures**Declaration of Interest: The authors report no conflict of interest , 2016, , 433-462.		1
922	Nanobiomaterials involved in medical imaging technologies. , 2016, , 303-337.		3
923	Nanobiomaterials in drug delivery. , 2016, , 1-37.		13
924	Applications of nanotechnology in nutrition: potential and safety issues. , 2016, , 509-554.		3
925	Functionalized Multi-Wall Carbon Nanotubes Enhance Transfection and Expression Efficiency of Plasmid DNA in Fish Cells. International Journal of Molecular Sciences, 2016, 17, 335.	1.8	10
926	Advanced Nanobiomaterials: Vaccines, Diagnosis and Treatment of Infectious Diseases. Molecules, 2016, 21, 867.	1.7	92
927	Engineered nanomaterials for biomedicine. , 2016, , 307-328.		2
928	Sizeâ€controlled/Surfaceâ€Functionalized Polystyrene Nanospheres with Good Biocompatibility and High Encapsulation Efficiency of Cyclosporin A <i>via</i> Miniemulsion Polymerization in One Step. Chinese Journal of Chemistry, 2016, 34, 720-726.	2.6	4
929	Multifunctional Nanoparticles Selfâ€Assembled from Small Organic Building Blocks for Biomedicine. Advanced Materials, 2016, 28, 7304-7339.	11.1	155
930	Chemistry of Mesoporous Organosilica in Nanotechnology: Molecularly Organic–Inorganic Hybridization into Frameworks. Advanced Materials, 2016, 28, 3235-3272.	11.1	291
931	The Protein Corona of Plant Virus Nanoparticles Influences their Dispersion Properties, Cellular Interactions, and In Vivo Fates. Small, 2016, 12, 1758-1769.	5.2	72
932	Effect of surface modification on the bioactivity of sol-gel TiO ₂ -based nanomaterials. Journal of Chemical Technology and Biotechnology, 2016, 91, 2148-2155.	1.6	10
933	Fluorinated POSS tar Polymers for ¹⁹ F MRI. Macromolecular Chemistry and Physics, 2016, 217, 2262-2274.	1.1	19

#	Article	IF	CITATIONS
934	Polymeric nanoparticles: the future of nanomedicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 271-299.	3.3	328
935	Reaction of Lymphoid Organs to Injection of Iron-Carbon Nanoparticles. Bulletin of Experimental Biology and Medicine, 2016, 162, 252-254.	0.3	ο
936	Recognition of extremophilic archaeal viruses by eukaryotic cells: a promising nanoplatform from the third domain of life. Scientific Reports, 2016, 6, 37966.	1.6	5
938	Development of nanostructures in the diagnosis of drug hypersensitivity reactions. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 300-307.	1.1	10
939	Targeting and therapeutic peptides in nanomedicine for atherosclerosis. Experimental Biology and Medicine, 2016, 241, 891-898.	1.1	43
940	A small molecule nanodrug consisting of amphiphilic targeting ligand–chemotherapy drug conjugate for targeted cancer therapy. Journal of Controlled Release, 2016, 230, 34-44.	4.8	117
941	Nanoscale drug delivery for targeted chemotherapy. Cancer Letters, 2016, 379, 24-31.	3.2	83
942	Silica@zirconia@poly(malic acid) nanoparticles: promising nanocarriers for theranostic applications. Journal of Materials Chemistry B, 2016, 4, 4420-4429.	2.9	10
943	Filomicelles from aromatic diblock copolymers increase paclitaxel-induced tumor cell death and aneuploidy compared with aliphatic copolymers. Nanomedicine, 2016, 11, 1551-1569.	1.7	17
944	Nanotechnology for cancer therapy. , 2016, , 395-470.		2
944 945	Nanotechnology for cancer therapy. , 2016, , 395-470. Serum albumin â€~camouflage' of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97.	5.7	2 78
944 945 946	Nanotechnology for cancer therapy., 2016, , 395-470. Serum albumin †camouflage' of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, , 1-24.	5.7	2 78 1
944 945 946 947	Nanotechnology for cancer therapy., 2016,, 395-470. Serum albumin â€ [~] camouflageâ€ [™] of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, , 1-24. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2016, , 193-259.	5.7 0.1 0.1	2 78 1 1
944 945 946 947	Nanotechnology for cancer therapy., 2016, , 395-470. Serum albumin †camouflage' of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, , 1-24. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2016, , 1-24. A higher aspect ratio enhanced bioaccumulation and altered immune responses due to intravenously-injected aluminum oxide nanoparticles. Journal of Immunotoxicology, 2016, 13, 439-448.	5.7 0.1 0.1 0.9	2 78 1 1
944 945 946 947 948	Nanotechnology for cancer therapy., 2016, , 395-470. Serum albumin â€ ⁻ camouflageâ€ ^{-™} of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, , 1-24. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2016, , 1-24. A higher aspect ratio enhanced bioaccumulation and altered immune responses due to intravenously-injected aluminum oxide nanoparticles. Journal of Immunotoxicology, 2016, 13, 439-448. A library of AuNPs modified by RAFT polymers of different charge and chain length: high throughput synthesis and synchrotron XFM imaging using a zebrafish larvae model. RSC Advances, 2016, 6, 23550-23563.	5.7 0.1 0.1 0.9 1.7	2 78 1 1 13
944 945 946 947 948 949	Nanotechnology for cancer therapy., 2016, 395-470. Serum albumin †camouflage' of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, 1-24. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2016, 1-24. A higher aspect ratio enhanced bioaccumulation and altered immune responses due to intravenously-injected aluminum oxide nanoparticles. Journal of Immunotoxicology, 2016, 13, 439-448. A library of AuNPs modified by RAFT polymers of different charge and chain length: high throughput synthesis and synchrotron XFM imaging using a zebrafish larvae model. RSC Advances, 2016, 6, 23550-23563. The formulation of nanomedicines for treating tuberculosis. Advanced Drug Delivery Reviews, 2016, 102, 102-115.	5.7 0.1 0.1 0.9 1.7 6.6	2 78 1 1 1 3 6 83
944 945 946 947 948 949 949	Nanotechnology for cancer therapy., 2016, 395-470. Serum albumin †camouflage' of plant virus based nanoparticles prevents their antibody recognition and enhances pharmacokinetics. Biomaterials, 2016, 89, 89-97. Immunological Properties of Engineered Nanomaterials: An Introduction. Frontiers in Nanobiomedical Research, 2016, , 1-24. The Effects of Engineered Nanomaterials on Platelets. Frontiers in Nanobiomedical Research, 2016, , 1-24. A higher aspect ratio enhanced bioaccumulation and altered immune responses due to intravenously-injected aluminum oxide nanoparticles. Journal of Immunotoxicology, 2016, 13, 439-448. A library of AuNPs modified by RAFT polymers of different charge and chain length: high throughput synthesis and synchrotron XFM imaging using a zebrafish larvae model. RSC Advances, 2016, 6, 23550-23563. The formulation of nanomedicines for treating tuberculosis. Advanced Drug Delivery Reviews, 2016, 102, 102-115. Delivery of nucleic acids for cancer gene therapy: overcoming extra- and intra-cellular barriers. Therapeutic Delivery, 2016, 7, 619-637.	5.7 0.1 0.1 0.9 1.7 6.6	2 78 1 1 1 3 6 8 3 22

ARTICLE IF CITATIONS # How Lipid Cores Affect Lipid Nanoparticles as Drug and Gene Delivery Systems. Advances in 953 0.3 5 Biomembranes and Lipid Self-Assembly, 2016, , 1-42. One-Pot Preparation of Nano-SiO₂ Using a Silane Derivative as a Coupling Agent. Tenside, 954 Surfactants, Detergents, 2016, 53, 278-283. Nanoparticles Types, Classification, Characterization, Fabrication Methods and Drug Delivery 955 199 Applications., 2016, , 33-93. Biomacromolecules based core/shell architecture toward biomedical applications. Advances in 956 Colloid and Interface Science, 2016, 237, 43-51. Phage-Mediated Immunomodulation. SpringerBriefs in Biochemistry and Molecular Biology, 2016, , 957 0.3 0 69-82. New Generation Cadmium-Free Quantum Dots for Biophotonics and Nanomedicine. Chemical Reviews, 958 23.0 2016, 116, 12234-12327. 959 Natural Polymer Drug Delivery Systems., 2016, , . 114 Design of smart GE11-PLGA/PEG-PLGA blend nanoparticulate platforms for parenteral administration of hydrophilic macromolecular drugs: synthesis, preparation and in vitro/ex vivo characterization. 2.6 International Journal of Pharmaceutics, 2016, 511, 1112-1123. Preparation of piperlongumine-loaded chitosan nanoparticles for safe and efficient cancer therapy. 961 1.7 30 RSC Advances, 2016, 6, 79307-79316. Macrophages as Active Nanocarriers for Targeted Early and Adjuvant Cancer Chemotherapy. Small, 5.2 2016, 12, 5108-5119. Effective mRNA Inhibition in PANC-1 Cells <i>in Vitro</i> Mediated <i>via</i> an 963 4 0.6 mPEG–SeSe–PEI Delivery System. Biological and Pharmaceutical Bulletin, 2016, 39, 680-688. Biodegradable polymeric nanostructures in therapeutic applications: opportunities and challenges. 964 RSC Advances, 2016, 6, 94325-94351. Anticancer nanoparticulate polymerâ€drug conjugate. Bioengineering and Translational Medicine, 2016, 965 3.9 71 1, 277-296. Biocompatibility of liposomes derived from microbial cells: an assesment towards Nanomedicine applications., 2016, , . Endocytosis Mechanism of Nano Metalâ€Organic Frameworks for Drug Delivery. Advanced Healthcare 967 3.9 80 Materials, 2016, 5, 2261-2270. Mitochondriaâ€Targeting Magnetic Composite Nanoparticles for Enhanced Phototherapy of Cancer. 5.2 Small, 2016, 12, 4541-4552. Nanomedicine strategies for sustained, controlled and targeted treatment of cancer stem cells. 969 1.7 36 Nanomedicine, 2016, 11, 3261-3282. Recent advances in the preparation and application of multifunctional iron oxide and liposome-based 1.5 nanosystems for multimodal diagnosis and therapy. Interface Focus, 2016, 6, 20160055.

#	Article	IF	CITATIONS
971	Drug delivery and controlled release from biocompatible metal–organic frameworks using mechanical amorphization. Journal of Materials Chemistry B, 2016, 4, 7697-7707.	2.9	131
972	Advances in hypersensitivity drug reactions. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 297-299.	1.1	1
973	Reality Check for Nanomaterialâ€Mediated Therapy with 3D Biomimetic Culture Systems. Advanced Functional Materials, 2016, 26, 4046-4065.	7.8	47
974	Cathepsin S-cleavable, multi-block HPMA copolymers for improved SPECT/CT imaging of pancreatic cancer. Biomaterials, 2016, 103, 101-115.	5.7	24
975	Novel folate-targeted docetaxel-loaded nanoparticles for tumour targeting: in vitro and in vivo evaluation. RSC Advances, 2016, 6, 64306-64314.	1.7	5
976	Evaluation of cytotoxicity profile and intracellular localisation of doxorubicin-loaded chitosan nanoparticles. Analytical and Bioanalytical Chemistry, 2016, 408, 5443-5455.	1.9	27
977	The Art of Complement: Complement Sensing of Nanoparticles and Consequences. Advances in Delivery Science and Technology, 2016, , 43-51.	0.4	3
978	Improved anti-tumor activity of oxaliplatin by encapsulating in anti-DR5 targeted gold nanoparticles. Drug Delivery, 2016, 23, 3505-3519.	2.5	57
979	Nanomedicine: Nanoparticles and Its Relevance in Drug Discovery vis-a-vis Biomedicine. , 2016, , 265-270.		0
980	Nanocarriers for cancer-targeted drug delivery. Journal of Drug Targeting, 2016, 24, 179-191.	2.1	423
981	Enhanced anti-inflammatory benefits of meloxicam-loaded lipid-core nanocapsules in a mouse pleurisy model: A comparative study with a free form drug. Journal of Applied Biomedicine, 2016, 14, 105-112.	0.6	8
983	Multifunctional Mesoporous/Hollow Silica for Cancer Nanotheranostics. Springer Series in Biomaterials Science and Engineering, 2016, , 307-354.	0.7	1
984	Ti–O based nanomaterials ameliorate experimental autoimmune encephalomyelitis and collagen-induced arthritis. RSC Advances, 2016, 6, 8870-8880.	1.7	17
985	Nanochemistry and Nanomedicine for Nanoparticle-based Diagnostics and Therapy. Chemical Reviews, 2016, 116, 2826-2885.	23.0	1,201
986	Sol–gel based materials for biomedical applications. Progress in Materials Science, 2016, 77, 1-79.	16.0	608
987	Smart micro/nanoparticles in stimulus-responsive drug/gene delivery systems. Chemical Society Reviews, 2016, 45, 1457-1501.	18.7	1,152
988	Body distribution of SiO ₂ –Fe ₃ O ₄ core-shell nanoparticles after intravenous injection and intratracheal instillation. Nanotoxicology, 2016, 10, 567-574.	1.6	17
989	Antiparasitic and immunomodulatory potential of oral nanocapsules encapsulated lactoferrin protein against <i>Plasmodium berghei</i> . Nanomedicine, 2016, 11, 47-62.	1.7	10

ARTICLE IF CITATIONS # New Strategies in Cancer Nanomedicine. Annual Review of Pharmacology and Toxicology, 2016, 56, 990 4.2 95 41-57. Zebrafish as a model system for characterization of nanoparticles against cancer. Nanoscale, 2016, 8, 991 2.8 74 862-877. Molecular cavity nanoarchitectonics for biomedical application and mechanical cavity manipulation. 992 1.3 34 CrystEngComm, 2016, 18, 4890-4899. 993 Label-free imaging of gold nanoparticles in single live cells by photoacoustic microscopy., 2016, , . Rational engineering of physicochemical properties of nanomaterials for biomedical applications with 994 296 6.3 nanotoxicological perspectives. Nano Convergence, 2016, 3, 1. Design of nanomaterial based systems for novel vaccine development. Biomaterials Science, 2016, 4, 785-802. 2.6 Self-assembly PEGylation assists SLN-paclitaxel delivery inducing cancer cell apoptosis upon 996 2.6 23 internalization. International Journal of Pharmaceutics, 2016, 501, 180-189. Quantitative analysis of nanoparticle transport through <i>in vitro</i> blood-brain barrier models. 1.6 14 Tissue Barriers, 2Ó16, 4, e1143545. Rational design of liposomal drug delivery systems, a review: Combined experimental and 998 computational studies of lipid membranes, liposomes and their PEGylation. Biochimica Et Biophysica 1.4 146 Acta - Biomembranes, 2016, 1858, 2334-2352. 999 Microneedles: A New Frontier in Nanomedicine Delivery. Pharmaceutical Research, 2016, 33, 1055-1073. 1.7 A magnetic-dependent protein corona of tailor-made superparamagnetic iron oxides alters their 1000 2.8 28 biological behaviors. Nanoscale, 2016, 8, 7544-7555. From structures to functions: insights into exosomes as promising drug delivery vehicles. 2.6 105 Biomaterials Science, 2016, 4, 910-921. Engineered Theranostic Magnetic Nanostructures: Role of Composition and Surface Coating on 1002 Magnetic Resonance Imaging Contrast and Thermal Activation. ACS Applied Materials & amp; Interfaces, 4.0 36 2016, 8, 6953-6961. Synergistic nanomedicine by combined gene and photothermal therapy. Advanced Drug Delivery 6.6 221 Reviews, 2016, 98, 99-112. Poly(butylene succinate)-based polyesters for biomedical applications: A review. European Polymer 1004 272 2.6 Journal, 2016, 75, 431-460. Light-controlled reactive oxygen species (ROS)-producible polymeric micelles with simultaneous 2.2 drug-release triggering and endo/lysosomal escape. Chemical Communications, 2016, 52, 2839-2842. Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. Langmuir, 2016, 32, 1006 1.6 42 1241-1249. An integrated assessment of morphology, size, and complement activation of the PEGylated liposomal doxorubicin products Doxil®, Caelyx®, DOXOrubicin, and SinaDoxosome. Journal of Controlled 4.8 Release, 2016, 221, 1-8.

ARTICLE IF CITATIONS Microfluidic Synthesis of Ginseng Polysaccharide Nanoparticles for Immunostimulating Action on 1008 2.6 15 Macrophage Cell Lines. ACS Biomaterials Science and Engineering, 2016, 2, 96-103. Lipid-based nanocarriers for breast cancer treatment – comprehensive review. Drug Delivery, 2016, 23, 1009 2.5 1291-1305. Non-affinity factors modulating vascular targeting of nano- and microcarriers. Advanced Drug 1010 65 6.6 Delivery Reviews, 2016, 99, 97-112. Effect of process and formulation variables on the preparation of parenteral paclitaxel-loaded biodegradable polymeric nanoparticles: A co-surfactant study. Asian Journal of Pharmaceutical 320 Sciences, 2016, 11, 404-416. From nanoemulsions to nanostructured lipid carriers: A relevant development in dermal delivery of 1012 1.4 135 drugs and cosmetics. Journal of Drug Delivery Science and Technology, 2016, 32, 100-112. Fluorophore-tagged superparamagnetic iron oxide nanoparticles as bimodal contrast agents for 1.2 MR/optical imaging. Journal of the Iranian Chemical Society, 2016, 13, 87-93. Functionalized single-walled carbon nanotubes for the improved solubilization and delivery of 1014 1.0 15 curcumin. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 13-19. Nanoparticles for antimicrobial purposes in Endodontics: A systematic review of in vitro studies. 3.8 118 Materials Science and Engineering C, 2016, 58, 1269-1278. Biocompatible SPIONs with Superoxid Dismutase/Catalase Immobilized for Cardiovascular 1016 0.2 6 Applications. IFMBE Proceedings, 2016, , 323-326. Impact of particle elasticity on particle-based drug delivery systems. Advanced Drug Delivery Reviews, 6.6 302 2017, 108, 51-67. Smart polymers in drug delivery: a biological perspective. Polymer Chemistry, 2017, 8, 41-51. 1018 1.9 55 Nanomaterials for delivery of nucleic acid to the central nervous system (CNS). Materials Science and 3.8 Engineering C, 2017, 70, 1039-1046. Targeting of herbal bioactives through folate receptors: a novel concept to enhance intracellular 1020 drug delivery in cancer therapy. Journal of Receptor and Signal Transduction Research, 2017, 37, 1.3 18 314-323. Voyage of theranostic liposomes for imaging and therapy. Journal of Cosmetic and Laser Therapy, 2017, 0.3 19, 245-249 1022 Nanoparticles for Radionuclide Imaging and Therapy: Principles., 2017, , 447-471. 1 Nanoparticle delivery systems, general approaches, and their implementation in multiple myeloma. European Journal of Haematology, 2017, 98, 529-541. Isotope Tracers To Study the Environmental Fate and Bioaccumulation of Metal-Containing Engineered 1024 23.0 66 Nanoparticles: Techniques and Applications. Chemical Reviews, 2017, 117, 4462-4487. Understanding Surface and Interfacial Chemistry in Functional Nanomaterials via Solid tate NMR. 11.1 Advanced Materials, 2017, 29, 1605895.

#	Article	IF	CITATIONS
1026	Solvent-controlled reversible switching between adsorbed self-assembled nanoribbons and nanotubes. Nanoscale, 2017, 9, 3293-3303.	2.8	4
1027	Positively Charged Combinatory Drug Delivery Systems against Multi-Drug-Resistant Breast Cancer: Beyond the Drug Combination. ACS Applied Materials & Interfaces, 2017, 9, 6804-6815.	4.0	33
1028	Investigation into the Biological Impact of Block Size on Cathepsin S-Degradable HPMA Copolymers. Molecular Pharmaceutics, 2017, 14, 1405-1417.	2.3	10
1029	Complementary approaches for the evaluation of biocompatibility of 90Y-labeled superparamagnetic citric acid (Fe,Er)304 coated nanoparticles. Materials Science and Engineering C, 2017, 75, 157-164.	3.8	5
1030	Human Hepatocarcinoma Cell Targeting by Glypican-3 Ligand Peptide Functionalized Silica Nanoparticles: Implications for Ultrasound Molecular Imaging. Langmuir, 2017, 33, 4490-4499.	1.6	15
1031	In vitro biocompatibility study of sub-5 nm silica-coated magnetic iron oxide fluorescent nanoparticles for potential biomedical application. Scientific Reports, 2017, 7, 46513.	1.6	39
1032	Nanoparticle-mediated drug delivery system for atherosclerotic cardiovascular disease. Journal of Cardiology, 2017, 70, 206-211.	0.8	104
1034	Lysosomal enzyme replacement therapies: Historical development, clinical outcomes, and future perspectives. Advanced Drug Delivery Reviews, 2017, 118, 109-134.	6.6	107
1035	Predicting the optimum compositions of a transdermal nanoemulsion system containing an extract of <i>Clinacanthus nutans</i> leaves (<scp>L</scp> .) for skin antiaging by artificial neural network model. Journal of Chemometrics, 2017, 31, e2894.	0.7	8
1036	Terbium content affects the luminescence properties of ZrO 2 :Tb nanoparticles for mammary cancer imaging in mice. Optical Materials, 2017, 74, 16-26.	1.7	16
1037	Apatite nanoparticles strongly improve red blood cell cryopreservation by mediating trehalose delivery via enhanced membrane permeation. Biomaterials, 2017, 140, 138-149.	5.7	55
1039	Carbon nanomaterials as versatile platforms for theranostic applications. Drug Discovery Today, 2017, 22, 1430-1437.	3.2	36
1041	Biodegradation and biocompatibility of haloarchaea-produced poly(3-hydroxybutyrate-co-3-hydroxyvalerate) copolymers. Biomaterials, 2017, 139, 172-186.	5.7	50
1042	A Systematic Evaluation of Factors Affecting Extracellular Vesicle Uptake by Breast Cancer Cells. Tissue Engineering - Part A, 2017, 23, 1274-1282.	1.6	24
1043	Biomedical applications of green synthesized Nobel metal nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 150-164.	1.7	98
1044	Effects of amine modification of mesoporous magnesium carbonate on controlled drug release. International Journal of Pharmaceutics, 2017, 524, 141-147.	2.6	13
1045	β-Lactoglobulin: An efficient nanocarrier for advanced delivery systems. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1685-1692.	1.7	70
1046	Croconaine nanoparticles with enhanced tumor accumulation for multimodality cancer theranostics. Biomaterials, 2017, 129, 28-36.	5.7	73

#	Article	IF	CITATIONS
1047	Molecular and Cellular Manipulations for Future Nanomedicine. , 2017, , 267-282.		0
1048	The nanomedicine landscape of South Africa. Nanotechnology Reviews, 2017, 6, 339-344.	2.6	11
1049	Gum Arabic-encapsulated gold nanoparticles for a non-invasive photothermal ablation of lung tumor in mice. Biomedicine and Pharmacotherapy, 2017, 89, 1045-1054.	2.5	34
1050	Medicinal Chemistry and Brain Drug Penetrance. , 2017, , 831-845.		1
1051	Synthetic vs Natural: Diatoms Bioderived Porous Materials for the Next Generation of Healthcare Nanodevices. Advanced Healthcare Materials, 2017, 6, 1601125.	3.9	47
1052	Diagnostic and Therapeutic Nuclear Medicine for Neuroendocrine Tumors. , 2017, , .		2
1053	Graphene oxide as a nanocarrier for controlled release and targeted delivery of an anticancer active agent, chlorogenic acid. Materials Science and Engineering C, 2017, 74, 177-185.	3.8	89
1054	Nanoparticle passage through porcine jejunal mucus: Microfluidics and rheology. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 863-873.	1.7	35
1055	Nanomedicines for dysfunctional macrophage-associated diseases. Journal of Controlled Release, 2017, 247, 106-126.	4.8	43
1056	Toward Artificial Mitochondrion: Mimicking Oxidative Phosphorylation in Polymer and Hybrid Membranes. Nano Letters, 2017, 17, 6816-6821.	4.5	96
1057	Biological responses to nanomaterials: understanding nano-bio effects on cell behaviors. Drug Delivery, 2017, 24, 1-15.	2.5	67
1058	The assembly of small molecule conjugate amphiphiles into a precise nanomedicine for colon cancer. RSC Advances, 2017, 7, 46370-46377.	1.7	2
1059	Carbon nanotubes-based drug delivery to cancer and brain. Current Medical Science, 2017, 37, 635-641.	0.7	69
1060	HPMAâ€₽EG Surfmers and Their Use in Stabilizing Fully Biodegradable Polymer Nanoparticles. Macromolecular Chemistry and Physics, 2017, 218, 1700380.	1.1	23
1061	Design and preparation of ⁹⁰ Y-labeled imidodiphosphate- and inositol hexaphosphate-coated magnetic nanoparticles for possible medical applications. Journal of Materials Chemistry B, 2017, 5, 8738-8747.	2.9	12
1062	Interplay between alkyl chain asymmetry and cholesterol addition in the rigid ion pair amphiphile bilayer systems. Journal of Chemical Physics, 2017, 146, 035102.	1.2	6
1063	Formation of the Protein Corona: The Interface between Nanoparticles and the Immune System. Seminars in Immunology, 2017, 34, 52-60.	2.7	191
1064	Mesoporous ZnO nanocapsules for the induction of enhanced antigen-specific immunological responses. Nanoscale, 2017, 9, 14641-14653.	2.8	28

	CHAHON R	LPORT	
# 1065	ARTICLE Nanoparticles-Induced Oxidative Stress. Nanomedicine and Nanotoxicology, 2017, , 63-79.	IF 0.1	CITATIONS
1066	Drug delivery by supramolecular design. Chemical Society Reviews, 2017, 46, 6600-6620.	18.7	551
1067	Compositional analysis of multi-element magnetic nanoparticles with a combined NMR and TEM approach. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	3
1068	Tuning the Endocytosis Mechanism of Zr-Based Metal–Organic Frameworks through Linker Functionalization. ACS Applied Materials & Interfaces, 2017, 9, 35516-35525.	4.0	44
1070	Biosynthesis of gold nanoparticles using yellow oyster mushroom Pleurotus cornucopiae var. citrinopileatus. Environmental Nanotechnology, Monitoring and Management, 2017, 8, 157-162.	1.7	19
1071	Nanomaterial Impact, Toxicity and Regulation in Agriculture, Food and Environment. Sustainable Agriculture Reviews, 2017, , 205-242.	0.6	6
1072	Chitosan capped nanoscale Fe-MIL-88B-NH ₂ metal-organic framework as drug carrier material for the pH responsive delivery of doxorubicin. Materials Research Express, 2017, 4, 085023.	0.8	17
1073	How to select a nanosimilar. Annals of the New York Academy of Sciences, 2017, 1407, 50-62.	1.8	30
1074	Toxicity analysis of poly(sodium-4-styrenesulfonate) coated graphene on HMEC-1 cells under dynamic conditions mimicking blood flow. RSC Advances, 2017, 7, 51910-51918.	1.7	4
1075	Tailoring of physicochemical properties of nanocarriers for effective antiâ€cancer applications. Journal of Biomedical Materials Research - Part A, 2017, 105, 2906-2928.	2.1	26
1076	Targeting cancer cell integrins using gold nanorods in photothermal therapy inhibits migration through affecting cytoskeletal proteins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5655-E5663.	3.3	151
1077	Nanotechnology applied to the enhancement of oil and gas productivity and recovery of Colombian fields. Journal of Petroleum Science and Engineering, 2017, 157, 39-55.	2.1	114
1078	Development and Investigation of Ultrastable PbS/CdS/ZnS Quantum Dots for Nearâ€Infrared Tumor Imaging. Particle and Particle Systems Characterization, 2017, 34, 1600242.	1.2	23
1079	Nanoarchitectonics for Cyclodextrin-Mediated Solubilization and Nanoassembly of Therapeutic Agents. , 2017, , 247-262.		0
1080	PLGA nano/microparticles loaded with cresyl violet as a tracer for drug delivery: Characterization and in-situ hyperspectral fluorescence and 2-photon localization. Materials Science and Engineering C, 2017, 70, 505-511.	3.8	13
1081	Facile synthesis of Curcuma longa tuber powder engineered metal nanoparticles for bioimaging applications. Journal of Molecular Structure, 2017, 1129, 8-16.	1.8	39
1082	50 Years of Structure and Bonding $\hat{a} \in$ " The Anniversary Volume. Structure and Bonding, 2017, , .	1.0	2
1083	Gelatin nanoparticles: a potential candidate for medical applications. Nanotechnology Reviews, 2017, 6, 191-207.	2.6	117

CITAT	0.01	DEDO	DT
		K F P ()	ואו
011/11		ICEI O	

#	Article	IF	CITATIONS
1084	Forthcoming Kondratieff wave, Cybernetic Revolution, and global ageing. Technological Forecasting and Social Change, 2017, 115, 52-68.	6.2	61
1085	Coâ€condensation synthesis of wellâ€defined mesoporous silica nanoparticles: effect of surface chemical modification on plasmid DNA condensation and transfection. IET Nanobiotechnology, 2017, 11, 995-1004.	1.9	14
1088	The Optical Phenomena of Interplay between Nanobio Complexes: A Theoretical Insight into Their Biomedical Applications. , 0, , .		2
1089	Anticancer Agents: Polymeric Nanomedicines. , 2017, , 58-82.		0
1090	A Birds Eye View of Nanotechnology in Medicine. Journal of Clinical Nutrition & Dietetics, 2017, 03, .	0.3	0
1091	Surface-functionalized cockle shell–based calcium carbonate aragonite polymorph as a drug nanocarrier. Nanotechnology, Science and Applications, 2017, Volume 10, 79-94.	4.6	9
1092	Low uptake of silica nanoparticles in Caco-2 intestinal epithelial barriers. Beilstein Journal of Nanotechnology, 2017, 8, 1396-1406.	1.5	23
1093	Biodegradable Carriers for Delivery of VEGF Plasmid DNA for the Treatment of Critical Limb Ischemia. Frontiers in Pharmacology, 2017, 8, 528.	1.6	9
1094	Conspectus on Nanotechnology in Oral Cancer Diagnosis and Treatment. , 2017, , 31-49.		3
1095	Therapeutic nanostructures for pulmonary drugÂdelivery. , 2017, , 619-638.		16
1095 1096	Therapeutic nanostructures for pulmonary drugÂdelivery. , 2017, , 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108.		16 83
1095 1096 1097	Therapeutic nanostructures for pulmonary drugÂdelivery. , 2017, , 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041.	3.3	16 83 22
1095 1096 1097 1098	Therapeutic nanostructures for pulmonary drugÂdelivery. , 2017, , 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041. Stroke Management: An Emerging Role of Nanotechnology. Micromachines, 2017, 8, 262.	3.3	16 83 22 38
1095 1096 1097 1098	Therapeutic nanostructures for pulmonary drugÂdelivery., 2017,, 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems., 2017,, 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041. Stroke Management: An Emerging Role of Nanotechnology. Micromachines, 2017, 8, 262. Time-Resolved Fluorescence Spectroscopy and Fluorescence Lifetime Imaging Microscopy for Characterization of Dendritic Polymer Nanoparticles and Applications in Nanomedicine. Molecules, 2017, 22, 17.	3.3 1.4 1.7	16 83 22 38 34
1095 1096 1097 1098 1099	Therapeutic nanostructures for pulmonary drugÂdelivery. , 2017, , 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041. Stroke Management: An Emerging Role of Nanotechnology. Micromachines, 2017, 8, 262. Time-Resolved Fluorescence Spectroscopy and Fluorescence Lifetime Imaging Microscopy for Characterization of Dendritic Polymer Nanoparticles and Applications in Nanomedicine. Molecules, 2017, 22, 17. Novel Antti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. Molecules, 2017, 22, 1560.	3.3 1.4 1.7 1.7	16 83 22 38 34 25
1095 1096 1097 1098 1099 1100	Therapeutic nanostructures for pulmonary drugÅdelivery. , 2017, , 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041. Stroke Management: An Emerging Role of Nanotechnology. Micromachines, 2017, 8, 262. Time-Resolved Fluorescence Spectroscopy and Fluorescence Lifetime Imaging Microscopy for Characterization of Dendritic Polymer Nanoparticles and Applications in Nanomedicine. Molecules, 2017, 22, 17. Novel Anti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. Molecules, 2017, 22, 1560. Recent advances of folate-targeted anticancer therapies and diagnostics: current status and future prospectives. , 2017, 329-350.	3.3 1.4 1.7 1.7	16 83 22 38 34 25 1
1095 1096 1097 1098 1099 1100 1101	Therapeutic nanostructures for pulmonary drugÂdelivery., 2017,, 619-638. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems., 2017,, 67-108. Confocal laser scanning microscopy to estimate nanoparticles' human skin penetration in vitro. International Journal of Nanomedicine, 2017, Volume 12, 8035-8041. Stroke Management: An Emerging Role of Nanotechnology. Micromachines, 2017, 8, 262. Time-Resolved Fluorescence Spectroscopy and Fluorescence Lifetime Imaging Microscopy for Characterization of Dendritic Polymer Nanoparticles and Applications in Nanomedicine. Molecules, 2017, 22, 17. Novel Anti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. Molecules, 2017, 22, 1560. Recent advances of folate-targeted anticancer therapies and diagnostics: current status and future prospectives., 2017, 329-350. Near-infrared light-responsive nanotherapeutic agents: application in medical oncology., 2017, , 719-748.	 3.3 1.4 1.7 1.7 	16 83 22 38 34 25 1 0

#	Article	IF	Citations
1104	Nanoparticulate Systems for Therapeutic and Diagnostic Applications. , 2017, , 105-144.		13
1105	The role of nanomedicine, nanotechnology, and nanostructures on oral bone healing, modeling, and remodeling. , 2017, , 777-832.		6
1106	Current applications and future prospects of nanomaterials in tumor therapy. International Journal of Nanomedicine, 2017, Volume 12, 1815-1825.	3.3	71
1107	Nanoparticle System for Anticancer Drug Delivery: Targeting to Overcome Multidrug Resistance. , 2017, , 159-169.		7
1108	Targeted Drug Delivery Based on Gold Nanoparticle Derivatives. Current Pharmaceutical Design, 2017, 23, 2918-2929.	0.9	67
1109	Enhancement of the bioavailability of a novel anticancer compound (acetyltanshinone IIA) by encapsulation within mPEG-PLGA nanoparticles: a study of formulation optimization, toxicity, and pharmacokinetics. Oncotarget, 2017, 8, 12013-12030.	0.8	10
1110	Targeted drug delivery via chitosan-coated magnetic nanoparticles. , 2017, , 835-864.		2
1111	Lipid-based nanobiomaterials. , 2017, , 125-133.		0
1112	Polymeric micro- and nanoparticles for controlled and targeted drug delivery. , 2017, , 355-378.		6
1113	Oral Administration of Nanoparticles-Based TB Drugs. , 2017, , 307-326.		3
1114	Methotrexate-coupled nanoparticles and magnetic nanochemothermia for the relapse-free treatment of T24 bladder tumors. International Journal of Nanomedicine, 2017, Volume 12, 2793-2811.	3.3	15
1115	Heat transfer from nanoparticles for targeted destruction of infectious organisms. International Journal of Hyperthermia, 2018, 34, 157-167.	1.1	22
1116	Nanostructured polymers. , 2018, , 339-356.		5
1117	The noncoding-RNA landscape in cardiovascular health and disease. Non-coding RNA Research, 2018, 3, 12-19.	2.4	24
1118	Ultrasmall mesoporous organosilica nanoparticles: Morphology modulations and redox-responsive biodegradability for tumor-specific drug delivery. Biomaterials, 2018, 161, 292-305.	5.7	127
1119	Targeted and theranostic applications for nanotechnologies in medicine. , 2018, , 399-511.		7
1120	An overview on the current status of cancer nanomedicines. Current Medical Research and Opinion, 2018, 34, 911-921.	0.9	44
1121	Tumor Microenvironmentâ€Enabled Nanotherapy. Advanced Healthcare Materials, 2018, 7, e1701156.	3.9	158

#	Article	IF	CITATIONS
1122	Drug Delivery. , 2018, , 247-271.		3
1123	Light-sensitive dextran-covered PNBA nanoparticles as triggered drug delivery systems: Formulation, characteristics and cytotoxicity. Journal of Colloid and Interface Science, 2018, 514, 289-298.	5.0	33
1124	Recent trends of nanomedicinal approaches in clinics. International Journal of Pharmaceutics, 2018, 538, 263-278.	2.6	77
1125	A cross-sectional study of the availability and pharmacist's knowledge of nano-pharmaceutical drugs in Palestinian hospitals. BMC Health Services Research, 2018, 18, 250.	0.9	3
1126	Supramolecular design of hydrophobic and hydrophilic polymeric nanoparticles. , 2018, , 181-221.		5
1127	Insight into the composition and surface corona reliant biological behaviour of quercetin engineered nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 548, 1-9.	2.3	21
1128	Iron Oxide Nanoparticles-Based Vaccine Delivery for Cancer Treatment. Molecular Pharmaceutics, 2018, 15, 1791-1799.	2.3	123
1129	Metal-involved theranostics: An emerging strategy for fighting Alzheimer's disease. Coordination Chemistry Reviews, 2018, 362, 72-84.	9.5	53
1130	Nanotechnologies for tissue engineering and regeneration. , 2018, , 93-206.		12
1131	Enhanced percutaneous absorption of cilostazol nanocrystals using aqueous gel patch systems and clarification of the absorption mechanism. Experimental and Therapeutic Medicine, 2018, 15, 3501-3508.	0.8	5
1132	Calcium phosphate-based nanosystems for advanced targeted nanomedicine. Drug Development and Industrial Pharmacy, 2018, 44, 1223-1238.	0.9	35
1133	Revisiting the role of sucrose in PLGA-PEG nanocarrier for potential intranasal delivery. Pharmaceutical Development and Technology, 2018, 23, 265-274.	1.1	31
1134	Gold nanoparticles in cardiovascular imaging. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1470.	3.3	44
1135	Freeze-drying of ovalbumin-loaded carboxymethyl chitosan nanocapsules: Impact of freezing and annealing procedures on physicochemical properties of the formulation during dried storage. Drying Technology, 2018, 36, 400-417.	1.7	14
1136	Comparative Study of Reversed-Phase High-Performance Liquid Chromatography and Ultraviolet–Visible Spectrophotometry to Determine Doxorubicin in pH-Sensitive Nanoparticles. Analytical Letters, 2018, 51, 1445-1463.	1.0	10
1137	Nanodimensional and Nanocrystalline Calcium Orthophosphates. Springer Series in Biomaterials Science and Engineering, 2018, , 355-448.	0.7	6
1138	Carbon Nanotube as a Tool for Fighting Cancer. Bioconjugate Chemistry, 2018, 29, 709-718.	1.8	45
1139	Micro-magnetofluidics of ferrofluid droplet formation in a T-junction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 537, 572-579.	2.3	27

#	Article	IF	CITATIONS
1140	Quantitative measurement of nanoparticle uptake by flow cytometry illustrated by an interlaboratory comparison of the uptake of labelled polystyrene nanoparticles. NanoImpact, 2018, 9, 42-50.	2.4	47
1141	Nanomaterials for agriculture, food and environment: applications, toxicity and regulation. Environmental Chemistry Letters, 2018, 16, 43-58.	8.3	144
1142	Inhalable particulate drug delivery systems for lung cancer therapy: Nanoparticles, microparticles, nanocomposites and nanoaggregates. Journal of Controlled Release, 2018, 269, 374-392.	4.8	263
1143	Nanotechnology based approaches for anti-diabetic drugs delivery. Diabetes Research and Clinical Practice, 2018, 136, 52-77.	1.1	136
1144	Self-assembly regulated anticancer activity of platinum coordinated selenomethionine. Biomaterials, 2018, 157, 17-25.	5.7	36
1145	Study of Antibacterial Activity of Nanosilver-Polypropylene Composite against Contaminated Bacteria in Molasses. Materials Science Forum, 0, 939, 163-169.	0.3	0
1146	Selective Targeting of 4SO4-N-Acetyl-Galactosamine Functionalized Mycobacterium tuberculosis Protein Loaded Chitosan Nanoparticle to Macrophages: Correlation With Activation of Immune System. Frontiers in Microbiology, 2018, 9, 2469.	1.5	4
1147	Adhesion of a polymer-grafted nanoparticle to cells explored using generalized Langevin dynamics. Soft Matter, 2018, 14, 9910-9922.	1.2	5
1148	Controlling the Miscibility of X-Shaped Bolapolyphiles in Lipid Membranes by Varying the Chemical Structure and Size of the Polyphile Polar Headgroup. Journal of Physical Chemistry B, 2018, 122, 10861-10871.	1.2	1
1149	Vascular targeted nanotherapeutic approach for obesity treatment. International Journal of Nanomedicine, 2018, Volume 13, 7915-7929.	3.3	18
1150	Nanotechnology-enabled materials for hemostatic and anti-infection treatments in orthopedic surgery. International Journal of Nanomedicine, 2018, Volume 13, 8325-8338.	3.3	29
1151	Characterization and toxicity of citral incorporated with nanostructured lipid carrier. PeerJ, 2018, 6, e3916.	0.9	26
1152	Application of atomic force microscopy in cancer research. Journal of Nanobiotechnology, 2018, 16, 102.	4.2	127
1153	Surface Charge-Dependent Cellular Uptake of Polystyrene Nanoparticles. Nanomaterials, 2018, 8, 1028.	1.9	124
1154	Organosilica Nanoparticles and Medical Imaging. The Enzymes, 2018, 44, 137-173.	0.7	11
1155	Nanomedicine for drug delivery in South Africa: a protocol for systematic review. Systematic Reviews, 2018, 7, 154.	2.5	10
1156	Metallic Nanoparticles: General Research Approaches to Immunological Characterization. Nanomaterials, 2018, 8, 753.	1.9	18
1157	Optimization of spider silk sphere formation processing conditions to obtain carriers with controlled characteristics. Journal of Biomedical Materials Research - Part A, 2018, 106, 3211-3221.	2.1	14

#	Article	IF	CITATIONS
1158	An NIR-Guided Aggregative and Self-Immolative Nanosystem for Efficient Cancer Targeting and Combination Anticancer Therapy. Molecular Pharmaceutics, 2018, 15, 4985-4994.	2.3	6
1159	Synthesis, characterization and antimicrobial activities of quaternary chitosan-based materials. IOP Conference Series: Materials Science and Engineering, 0, 430, 012048.	0.3	6
1160	Mathematical modelling of liposomal drug release to tumour. Mathematical Biosciences, 2018, 306, 82-96.	0.9	14
1161	Graphene Oxide–PEG–Protocatechuic Acid Nanocomposite Formulation with Improved Anticancer Properties. Nanomaterials, 2018, 8, 820.	1.9	36
1162	Functional biomimetic nanoparticles for drug delivery and theranostic applications in cancer treatment. Science and Technology of Advanced Materials, 2018, 19, 771-790.	2.8	49
1164	Silicon Dioxide Nanoparticles Enhance Endotoxin-Induced Lung Injury in Mice. Molecules, 2018, 23, 2247.	1.7	10
1165	Nanotechnology in Tuberculosis: State of the Art and the Challenges Ahead. Pharmaceutical Research, 2018, 35, 213.	1.7	33
1166	Alterations in Cellular Processes Involving Vesicular Trafficking and Implications in Drug Delivery. Biomimetics, 2018, 3, 19.	1.5	23
1167	Shape factor and sphericity features examination of Cu and Cu-Al2O3/blood through atherosclerotic artery under the impact of wall characteristic. Journal of Molecular Liquids, 2018, 271, 361-372.	2.3	18
1168	Cytotoxicity and in Vitro Degradation Kinetics of Foundry-Compatible Semiconductor Nanomembranes and Electronic Microcomponents. ACS Nano, 2018, 12, 9721-9732.	7.3	18
1169	Iron-Based Metal-Organic Frameworks as a Theranostic Carrier for Local Tuberculosis Therapy. Pharmaceutical Research, 2018, 35, 144.	1.7	51
1170	Exogenous Radionanomedicine: Inorganic Nanomaterials. Biological and Medical Physics Series, 2018, , 13-47.	0.3	2
1171	Rational development of nanomedicines for molecular targeting in periodontal disease. Archives of Oral Biology, 2018, 93, 31-46.	0.8	9
1173	Cyclodextrin-based polymeric nanosystems. , 2018, , 715-748.		1
1174	Beyond the Blood–Brain Barrier. , 2018, , 397-437.		6
1175	Self-assembled nanomaterials. , 2018, , 41-94.		9
1176	The smart chemistry of stimuli-responsive polymeric carriers for target drug delivery applications. , 2018, , 61-99.		16
1177	Advances in antibiotic nanotherapy. , 2018, , 233-259.		13

#	ARTICLE Optimization of nanostructured lipid carriers for Zidovudine delivery using a microwave-assisted	IF 19	CITATIONS
1170	production method. European Journal of Pharmaceutical Sciences, 2018, 122, 22-30. Intrinsically Fluorescent, Stealth Polypyrazoline Nanoparticles with Large Stokes Shift for In Vivo Imaging. Small, 2018, 14, e1801571.	5.2	25
1180	Toxicological status of nanoparticles: What we know and what we don't know. Chemico-Biological Interactions, 2018, 295, 1-12.	1.7	102
1181	Nanoformulations: A Novel Approach Against Hypoxia. , 2018, , 231-256.		2
1182	Smart nanoconstructs for theranostics in cancer and cardiovascular diseases. , 2018, , 297-321.		1
1183	In vitro and in vivo anticancer efficacy potential of Quercetin loaded polymeric nanoparticles. Biomedicine and Pharmacotherapy, 2018, 106, 1513-1526.	2.5	113
1184	Micelles Structure Development as a Strategy to Improve Smart Cancer Therapy. Cancers, 2018, 10, 238.	1.7	182
1185	Designing of the Anticancer Nanocomposite with Sustained Release Properties by Using Graphene Oxide Nanocarrier with Phenethyl Isothiocyanate as Anticancer Agent. Pharmaceutics, 2018, 10, 109.	2.0	26
1186	Magnesiumâ€Engineered Silica Framework for pHâ€Accelerated Biodegradation and DNAzymeâ€Triggered Chemotherapy. Small, 2018, 14, e1800708.	5.2	41
1187	Folic acid-modified diatrizoic acid-linked dendrimer-entrapped gold nanoparticles enable targeted CT imaging of human cervical cancer. Journal of Cancer, 2018, 9, 564-577.	1.2	23
1188	Antimicrobial Peptides and Nanotechnology, Recent Advances and Challenges. Frontiers in Microbiology, 2018, 9, 855.	1.5	151
1189	Drug delivery systems based on nonimmunogenic biopolymers. , 2018, , 317-344.		14
1190	Determining the Radiation Enhancement Effects of Gold Nanoparticles in Cells in a Combined Treatment with Cisplatin and Radiation at Therapeutic Megavoltage Energies. Cancers, 2018, 10, 150.	1.7	33
1191	Nanoparticles and Controlled Delivery for Bioactive Compounds: Outlining Challenges for New "Smart-Foods―for Health. Foods, 2018, 7, 72.	1.9	142
1192	Importance of Hydrophilic Groups on Modulating the Structural, Mechanical, and Interfacial Properties of Bilayers: A Comparative Molecular Dynamics Study of Phosphatidylcholine and Ion Pair Amphiphile Membranes. International Journal of Molecular Sciences, 2018, 19, 1552.	1.8	7
1193	Highly Efficient Intracellular Protein Delivery by Cationic Polyethyleneimine-Modified Gelatin Nanoparticles. Materials, 2018, 11, 301.	1.3	27
1194	Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-Gallate: An In-Silico/Experimental Approach. Molecules, 2018, 23, 441.	1.7	23
1195	GE11 Peptide as an Active Targeting Agent in Antitumor Therapy: A Minireview. Pharmaceutics, 2018, 10, 2.	2.0	69

	Citation Report		
Article	IF	CITATIONS	
Photo-triggered antibacterial and anticancer activities of zinc oxide nanoparticles. Jour Materials Chemistry B, 2018, 6, 4852-4871.	nal of 2.0	9 118	
Transportation of nanoparticles investigation as a drug agent to attenuate the atheros lesion under the wall properties impact. Chaos, Solitons and Fractals, 2018, 112, 52-6	sclerotic 2. 5. 2.	5 24	
Nanotechnology-based strategies as novel therapies in gliomas. Therapeutic Delivery, 2	2018, 9, 571-592. 1.2	2 6	
Application of nanodiagnostics and nanotherapy to CNS diseases. Nanomedicine, 201	8, 13, 2341-2371. 1.	7 37	
A Novel Histochemical Staining Approach for Rareâ€Earthâ€Based Nanoprobes. Advan 2018, 1, 1800005.	ced Therapeutics, 1.0	6 11	
Nanotechnology in phytotherapy. , 2018, , 139-174.		2	
Lipid nanoparticles for topical and transdermal delivery of pharmaceuticals and cosme 2018, , 413-436.	ceuticals. ,	2	
Nanotechnology and Parkinson's disease. , 2018, , 1-29.		4	
Cargo-Free Nanomedicine with pH Sensitivity for Codelivery of DOX Conjugated Prodr Synergistically Eradicate Breast Cancer Stem Cells. Molecular Pharmaceutics, 2018, 15	ug with SN38 To 2. , 3343-3355. 2.	3 34	
Liposomes of Quantum Dots Configured for Passive and Active Delivery to Tumor Tissi 2019, 19, 5844-5852.	ue. Nano Letters, 4.	5 38	
Monodisperse nanoparticles for catalysis and nanomedicine. Nanoscale, 2019, 11, 189)46-18967. 2.	8 61	

1207	Composite spheres made of bioengineered spider silk and iron oxide nanoparticles for theranostics applications. PLoS ONE, 2019, 14, e0219790.	1.1	37
1208	Enzyme responsive drug delivery systems in cancer treatment. Journal of Controlled Release, 2019, 308, 172-189.	4.8	232
1209	Role of Macrophages in Pregnancy and Related Complications. Archivum Immunologiae Et Therapiae Experimentalis, 2019, 67, 295-309.	1.0	109
1210	Preparation and Characterization of Self Nano-Emulsifying Drug Delivery System Loaded with Citraland Its Antiproliferative Effect on Colorectal Cells In Vitro. Nanomaterials, 2019, 9, 1028.	1.9	47
1211	Cockle Shell-Derived Calcium Carbonate (Aragonite) Nanoparticles: A Dynamite to Nanomedicine. Applied Sciences (Switzerland), 2019, 9, 2897.	1.3	35
1212	Polycarbonate Nanoparticles as a Promising Tool for Anticancer Therapeutics. , 2019, , 147-166.		2
1213	Selective Anticancer Therapy Using Pro-Oxidant Drug-Loaded Chitosan–Fucoidan Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 3220.	1.8	56

#

1196

1198

1200

1202

1204

1206

#	Article	IF	CITATIONS
1214	Adsorption Complexes of Purine Nucleotides on a Titanium Dioxide Surface. Colloid Journal, 2019, 81, 14-20.	0.5	5
1215	Effects of Cholesterol on Water Permittivity of Biomimetic Ion Pair Amphiphile Bilayers: Interplay between Membrane Bending and Molecular Packing. International Journal of Molecular Sciences, 2019, 20, 3252.	1.8	6
1216	A Novel Gene Delivery Approach Using Metal Organic Frameworks in Human Islet-Derived Progenitor Cells. Methods in Molecular Biology, 2019, 2029, 81-91.	0.4	4
1217	Nanoencapsulation of food ingredients by cubosomes and hexosomes. , 2019, , 483-522.		6
1218	Biocompatibility in regenerative nanomedicine. Nanomedicine, 2019, 14, 2763-2775.	1.7	33
1219	<p>Top-down fabrication-based nano/microparticles for molecular imaging and drug delivery</p> . International Journal of Nanomedicine, 2019, Volume 14, 6631-6644.	3.3	44
1220	Antibacterial and antifungal. , 2019, , 41-71.		1
1221	Graphene-based drug delivery systems. , 2019, , 149-168.		10
1222	Targeted therapy in chronic diseases using nanomaterial-based drug delivery vehicles. Signal Transduction and Targeted Therapy, 2019, 4, 33.	7.1	343
1223	Controlled release of doxorubicin from polyethylene glycol functionalized melanin nanoparticles for breast cancer therapy: Part I. Production and drug release performance of the melanin nanoparticles. International Journal of Pharmaceutics, 2019, 570, 118613.	2.6	26
1224	Nanoparticles Targeting Macrophages as Potential Clinical Therapeutic Agents Against Cancer and Inflammation. Frontiers in Immunology, 2019, 10, 1998.	2.2	153
1225	A bioavailability study on microbeads and nanoliposomes fabricated by dense carbon dioxide technologies using human-primary monocytes and flow cytometry assay. International Journal of Pharmaceutics, 2019, 570, 118686.	2.6	18
1226	Self-delivery nanoparticles of an amphiphilic irinotecan–enediyne conjugate for cancer combination chemotherapy. Journal of Materials Chemistry B, 2019, 7, 103-111.	2.9	16
1227	Nanomedicines for cancer therapy: current status, challenges and future prospects. Therapeutic Delivery, 2019, 10, 113-132.	1.2	102
1228	Nanotherapeutics engineered to cross the blood-brain barrier for advanced drug delivery to the central nervous system. Journal of Industrial and Engineering Chemistry, 2019, 73, 8-18.	2.9	49
1229	Hollow mesoporous silica nanoparticles as delivery vehicle of footâ€andâ€mouth disease virusâ€like particles induce persistent immune responses in guinea pigs. Journal of Medical Virology, 2019, 91, 941-948.	2.5	19
1230	Ultrasmall gold nanorods: synthesis and glycocalyx-related permeability in human endothelial cells. International Journal of Nanomedicine, 2019, Volume 14, 319-333.	3.3	11
1231	Egg proteins stabilized green silver nanoparticles as delivery system for hesperidin enhanced bactericidal potential against resistant S. aureus. Journal of Drug Delivery Science and Technology, 2019, 50, 347-354.	1.4	21

#	ARTICLE	IF	CITATIONS
1232	Synthesis, characterization and cytotoxicity of alanine-capped CuS nanoparticles using human cervical carcinoma HeLa cells. Analytical Biochemistry, 2019, 580, 36-41.	1.1	11
1233	Dextran-coated iron oxide nanoparticle for delivery of miR-29a to breast cancer cell line. Pharmaceutical Development and Technology, 2019, 24, 1032-1037.	1.1	21
1234	Preparation and characterization of novel nanocombination of bovine lactoperoxidase with Dye Decolorizing and anti-bacterial activity. Scientific Reports, 2019, 9, 8530.	1.6	16
1235	Gold-Nanoparticle-Assisted Plasmonic Photothermal Therapy Advances Toward Clinical Application. Journal of Physical Chemistry C, 2019, 123, 15375-15393.	1.5	245
1236	Antibiotic interactions using liposomes as model lipid membranes. Chemistry and Physics of Lipids, 2019, 222, 36-46.	1.5	23
1237	Regulating Nanomedicine at the Food and Drug Administration. AMA Journal of Ethics, 2019, 21, E347-355.	0.4	62
1238	Cytotoxicity of nanoparticles - Are the size and shape only matters? or the media parameters too?: a study on band engineered ZnS nanoparticles and calculations based on equivolume stress model. Nanotoxicology, 2019, 13, 1005-1020.	1.6	14
1239	Drug delivery systems designed to overcome antimicrobial resistance. Medicinal Research Reviews, 2019, 39, 2343-2396.	5.0	64
1240	Toxicological assessment of magnesium oxide nanoparticles in HT29 intestinal cells. Archives of Toxicology, 2019, 93, 1491-1500.	1.9	18
1241	Biodegradable nanocarriers coated with polymyxin B: Evaluation of leishmanicidal and antibacterial potential. PLoS Neglected Tropical Diseases, 2019, 13, e0007388.	1.3	11
1242	Co-Delivery Nanosystems for Cancer Treatment: A Review. Pharmaceutical Nanotechnology, 2019, 7, 90-112.	0.6	35
1243	Systematic investigation of in vitro and in vivo safety, toxicity and degradation of mesoporous silica nanoparticles synthesized using commercial sodium silicate. Microporous and Mesoporous Materials, 2019, 284, 343-352.	2.2	46
1244	New advances in chronic lymphocytic leukemia treatment: Biodegradable ZnO hybrid cluster nanoparticle as antineoplastic agents. , 2019, , 409-430.		0
1245	Therapeutic targeting of trained immunity. Nature Reviews Drug Discovery, 2019, 18, 553-566.	21.5	287
1246	ROS-responsive thioether-based nanocarriers for efficient pro-oxidant cancer therapy. Journal of Industrial and Engineering Chemistry, 2019, 75, 238-245.	2.9	25
1247	Biocompatibility Profile and In Vitro Cellular Uptake of Self-assembled Alginate Nanoparticles. Molecules, 2019, 24, 555.	1.7	15
1248	Integrated experimental and computational approach for nanoparticle flow analysis. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1615-1621.	0.9	4
1249	Liposome-Mediated Drug Delivery in Larval Zebrafish to Manipulate Macrophage Function. Zebrafish, 2019, 16, 171-181.	0.5	11

#	Article	IF	CITATIONS
1250	Multimodal use of the porphyrin TMPyP: From cancer therapy to antimicrobial applications. Journal of Porphyrins and Phthalocyanines, 2019, 23, 11-27.	0.4	43
1251	Radiolabeling of DNA nanostructure with 99mTc using DTPA as a chelate. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 69-73.	0.7	2
1252	Production, characterization and antibacterial activity of silver nanoparticles produced by Fusarium oxysporum and monitoring of protein-ligand interaction through in-silico approaches. Microbial Pathogenesis, 2019, 129, 136-145.	1.3	39
1253	Polymeric Nanoparticle-Based Drug/Gene Delivery for Lung Cancer. , 2019, , 77-93.		4
1254	Polyelectrolyte Coatings Can Control Charged Fluorocarbon Nanodroplet Stability and Their Interaction with Macrophage Cells. Langmuir, 2019, 35, 4603-4612.	1.6	4
1255	Effect of Silica Nanoparticles on level Cyp19a1and Cyp17a1genes in Male Rats. Journal of Physics: Conference Series, 2019, 1294, 062053.	0.3	1
1256	Biological Synthesis of Silver Nanoparticles from saprolegnia parasitica. Journal of Physics: Conference Series, 2019, 1294, 062090.	0.3	5
1257	Nanotechnology advances towards development of targeted-treatment for obesity. Journal of Nanobiotechnology, 2019, 17, 122.	4.2	47
1258	Nanomaterials for Regenerative Medicine. Pancreatic Islet Biology, 2019, , .	0.1	1
1259	Nanoparticle-Mediated Oxidative Stress Monitoring and Role of Nanoparticle for Treatment of Inflammatory Diseases. , 2019, , 97-112.		2
1260	Thermodynamic analysis of multivalent binding of functionalized nanoparticles to membrane surface reveals the importance of membrane entropy and nanoparticle entropy in adhesion of flexible nanoparticles. Soft Matter, 2019, 15, 9271-9286.	1.2	7
1261	Specific delivery of delta-5-desaturase siRNA via RNA nanoparticles supplemented with dihomo-Î ³ -linolenic acid for colon cancer suppression. Redox Biology, 2019, 21, 101085.	3.9	28
1262	Chitosan-based nanotherapeutics for ovarian cancer treatment. Journal of Drug Targeting, 2019, 27, 839-852.	2.1	29
1263	Nanohybrid Filler-Based Drug-Delivery System. , 2019, , 43-79.		3
1264	A carefully designed nanoplatform based on multi walled carbon nanotube wrapped with aptamers. Colloids and Surfaces B: Biointerfaces, 2019, 175, 175-183.	2.5	12
1265	Effects of magnetic dihydroartemisinin nano-liposome in inhibiting the proliferation of head and neck squamous cell carcinomas. Phytomedicine, 2019, 56, 215-228.	2.3	32
1266	Therapeutic applications of selenium nanoparticles. Biomedicine and Pharmacotherapy, 2019, 111, 802-812.	2.5	477
1267	Nano Drugs. , 2019, , 523-551.		1

ARTICLE IF CITATIONS Nanotechnology Toward Treating Cancer., 2019,, 221-256. 36 1268 Application and Perspective of pH-Responsive Nano Drug Delivery Systems., 2019, , 15-33. Nanotherapeutics and Nanobiotechnology., 2019, , 1-13. 1270 12 Thermoresponsive polymer nanocarriers for biomedical applications. Advanced Drug Delivery Reviews, 1271 2019, 138, 167-192. Effects of multiwalled carbon nanotubes and carbofuran on metabolism in Astyanax ribeirae, a native 1272 0.9 22 species. Fish Physiology and Biochemistry, 2019, 45, 417-426. Current status and contemporary approaches to the discovery of antitumor agents from higher plants. Biotechnology Advances, 2020, 38, 107337. 6.0 Polymer-drug conjugates as nanomedicine: a review. International Journal of Polymeric Materials and 1274 1.8 31 Polymeric Biomaterials, 2020, 69, 990-1014. Grand challenges in nanomedicine. Materials Science and Engineering C, 2020, 106, 110302. 3.8 90 Single-molecule nanoscale drug carriers with quantitative supramolecular loading. Molecular 1276 1.7 8 Systems Design and Engineering, 2020, 5, 197-204. Extracellular Vesicles as Drug Delivery Vehicles to the Central Nervous System. Journal of 1277 2.1 NeuroImmune Pharmacology, 2020, 15, 443-458. 1278 Nanotechnology for enhanced bioactivity of bioactive compounds., 2020, , 433-466. 10 1279 Quality control and testing evaluation of pharmaceutical aerosols., 2020,, 579-614. The potential antiâ€infective applications of metal oxide nanoparticles: A systematic review. Wiley 1280 3.3 70 Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1592. Cytotoxic and Genotoxic Assessment of Silicon Dioxide Nanoparticles by Allium and Comet Tests. 1.3 Bulletin of Environmental Contamination and Toxicology, 2020, 104, 215-221. Mapping deposition of particles in reconstructed models of human arteries. Journal of Controlled 1282 4.8 12 Release, 2020, 318, 78-85. A significant role of permeability on blood flow for hybrid nanofluid through bifurcated stenosed 49 artery: Drug delivery application. Computer Methods and Programs in Biomedicine, 2020, 187, 105248. Formulation of Nanoparticles Using Mixing-Induced Nanoprecipitation for Drug Delivery. Industrial 1284 1.8 109 & Engineering Chemistry Research, 2020, 59, 4134-4149. Controlled Microfluidic Synthesis of Biological Stimuli-Responsive Polymer Nanoparticles. ACS 19 Applied Materials & amp; Interfaces, 2020, 12, 177-190.

		CITATION REPORT		
#	Article	IF	Citations	
1286	Environmental and Societal Impact of Nanotechnology. IEEE Access, 2020, 8, 4640-4667.	2.6	19	
1287	Vanadium pentoxide nanoparticle mediated perturbations in cellular redox balance and the para of autophagy to apoptosis. Free Radical Biology and Medicine, 2020, 161, 198-211.	ligm 1.3	23	
1288	Immobilization of recombinant lysostaphin on nanoparticle through biotin–streptavidin conju technology as a geometrical progressed confrontation against Staphylococcus aureus infection. Biotechnology and Applied Biochemistry, 2020, 68, 1058-1066.	zation 1.4	2	
1289	Chain length effect on the structure and thermotropic phase transitions of solid catanionic complexes built of cetyltrimethylammonium bromide and saturated <i>n</i> fatty acids. Molecu Crystals and Liquid Crystals, 2020, 696, 75-92.	ar 0.4	2	
1290	Translational Nano-medicine Lab to Clinic. , 2020, , 141-162.		8	
1291	Photocatalytic Materials: An Apollo's Arrow to Tumor Cells. Trends in Chemistry, 2020, 2, 11	26-1140. 4.4	14	
1292	Photo-responsive polymer micelles from o-nitrobenzyl ester-based amphiphilic block copolymers synthesized by mechanochemical solid-state copolymerization. Polymer Journal, 2020, 52, 1375	-1385. ^{1.3}	10	
1293	Materdicine: Interdiscipline of materials and medicine. View, 2020, 1, 20200016.	2.7	22	
1294	Enzyme catalysis powered micro/nanomotors for biomedical applications. Journal of Materials Chemistry B, 2020, 8, 7319-7334.	2.9	52	
1296	Development of Highâ€Drug‣oading Nanoparticles. ChemPlusChem, 2020, 85, 2143-2157.	1.3	128	
1297	Application of Functional Biocompatible Nanomaterials to Improve Curcumin Bioavailability. From in Chemistry, 2020, 8, 589957.	itiers 1.8	24	
1298	Progress, challenges, and future of nanomedicine. Nano Today, 2020, 35, 101008.	6.2	135	
1299	Photo-Based Nanomedicines Using Polymeric Systems in the Field of Cancer Imaging and Therap Biomedicines, 2020, 8, 618.	y. 1.4	7	
1300	Mechanism of Coupling Nanoparticle Stiffness with Shape for Endocytosis: From Rodlike Penetra to Wormlike Wriggling. Journal of Physical Chemistry B, 2020, 124, 11145-11156.	ition 1.2	15	
1301	Recent advances in combinatorial cancer therapy via multifunctionalized gold nanoparticles. Nanomedicine, 2020, 15, 1221-1237.	1.7	30	
1302	Nanomaterials and Nanotechnology-Associated Innovations against Viral Infections with a Focus Coronaviruses. Nanomaterials, 2020, 10, 1072.	on 1.9	119	
1303	The Effect of Hematocrit and Nanoparticles Diameter on Hemodynamic Parameters and Drug De in Abdominal Aortic Aneurysm with Consideration of Blood Pulsatile Flow. Computer Methods an Programs in Biomedicine, 2020, 195, 105545.	livery nd 2.6	27	
1304	Tumor-responsive dynamic nanoassemblies for targeted imaging, therapy and microenvironment manipulation. Journal of Controlled Release, 2020, 324, 69-103.	4.8	46	

#	Article	IF	CITATIONS
1305	Cell-derived biomimetic nanoparticles as a novel drug delivery system for atherosclerosis: predecessors and perspectives. International Journal of Energy Production and Management, 2020, 7, 349-358.	1.9	29
1306	Mixed Silane Monolayers Reveal the Disparity of Biotin and Folate in Targeting Cancer Cells. ACS Applied Nano Materials, 2020, 3, 5372-5380.	2.4	4
1307	Nanotechnology: A Novel Approach for Drug Development in Health Care System. Current Nanomaterials, 2020, 5, 12-25.	0.2	5
1308	Tuning the Physicochemical Characteristics of Particle-Based Carriers for Intraperitoneal Local Chemotherapy. Pharmaceutical Research, 2020, 37, 119.	1.7	8
1309	Rational design of Ag-ZnO-Fe3O4 nanocomposite with promising antimicrobial activity under LED light illumination. Applied Surface Science, 2020, 527, 146893.	3.1	19
1310	Selected nanotechnologies and nanostructures for drug delivery, nanomedicine and cure. Bioprocess and Biosystems Engineering, 2020, 43, 1339-1357.	1.7	42
1311	Introduction to Bionanotechnology. , 2020, , .		9
1312	Electrophoretic deposition of spherical carbon nanoobjects—A comparison of different biocompatible surfaces. Medical Devices & Sensors, 2020, 3, e10075.	2.7	2
1313	Understanding nanoparticle flow with a new in vitro experimental and computational approach using hydrogel channels. Beilstein Journal of Nanotechnology, 2020, 11, 296-309.	1.5	3
1314	Lipid-derived renewable amphiphilic nanocarriers for drug delivery, biopolymer-based formulations. , 2020, , 283-310.		4
1315	Advanced Theragenerative Biomaterials with Therapeutic and Regeneration Multifunctionality. Advanced Functional Materials, 2020, 30, 2002621.	7.8	35
1316	Use of exosomes as vectors to carry advanced therapies. RSC Advances, 2020, 10, 23975-23987.	1.7	21
1317	Stimuli-Responsive Polymeric Nanocarriers for Drug Delivery, Imaging, and Theragnosis. Polymers, 2020, 12, 1397.	2.0	281
1318	Metal-based nanoparticles as radio-sensitizer in gastric cancer therapy. Journal of Drug Delivery Science and Technology, 2020, 56, 101576.	1.4	16
1319	Biocompatible, Crystalline, and Amorphous Bismuth-Based Metal–Organic Frameworks for Drug Delivery. ACS Applied Materials & Interfaces, 2020, 12, 5633-5641.	4.0	64
1320	Recent advances in physiologically based pharmacokinetic and pharmacodynamic models for anticancer nanomedicines. Archives of Pharmacal Research, 2020, 43, 80-99.	2.7	12
1321	Size-Tunable Strategies for a Tumor Targeted Drug Delivery System. ACS Central Science, 2020, 6, 100-116.	5.3	281
1322	Papain grafted into the silica coated iron-based magnetic nanoparticles â€~IONPs@SiO ₂ -PPN' as a new delivery vehicle to the HeLa cells. Nanotechnology, 2020, 31, 195603.	1.3	12

CITATION REPORT	
-----------------	--

#	Article	IF	CITATIONS
1323	Synthesis and Characterization of Selenium Nanoparticles-Lysozyme Nanohybrid System with Synergistic Antibacterial Properties. Scientific Reports, 2020, 10, 510.	1.6	151
1324	Nano Sized ZnO/MnO2/Gd2O3 Ternary Heterostructures for Enhanced Photocatalysis. Current Nanomaterials, 2020, 5, 36-46.	0.2	9
1325	The Potential Contribution of Nanoparticles in the Treatment of Inflammatory Diseases. , 0, , .		1
1326	Detection and Characterization of Individual Nanoparticles in a Liquid by Photothermal Optical Diffraction and Nanofluidics. Analytical Chemistry, 2020, 92, 3434-3439.	3.2	8
1327	Antioxidants in Cancer Therapy: Recent Trends in Application of Nanotechnology for Enhanced Delivery. Scientia Pharmaceutica, 2020, 88, 5.	0.7	10
1328	<p>Biomedical Applications of Zeolitic Nanoparticles, with an Emphasis on Medical Interventions</p> . International Journal of Nanomedicine, 2020, Volume 15, 363-386.	3.3	34
1329	Plasmodium falciparum pre-erythrocytic stage vaccine development. Malaria Journal, 2020, 19, 56.	0.8	36
1330	Nanomedicine for early diagnosis of breast cancer. , 2020, , 153-173.		3
1331	Physics in nanomedicine: Phenomena governing the <i>in vivo</i> performance of nanoparticles. Applied Physics Reviews, 2020, 7, .	5.5	36
1332	RAFT/PISA based Ni-NTA polymeric particles for virus-mimetic influenza vaccines. Journal of Industrial and Engineering Chemistry, 2020, 86, 35-38.	2.9	6
1333	Transmission electron microscopy (TEM) of nanoencapsulated food ingredients. , 2020, , 53-82.		5
1334	Application of targeted therapy strategies with nanomedicine delivery for atherosclerosis. Acta Pharmacologica Sinica, 2021, 42, 10-17.	2.8	31
1335	Design and engineering of magneto-responsive devices for cancer theranostics: Nano to macro perspective. Progress in Materials Science, 2021, 116, 100742.	16.0	51
1336	Voluntaryâ€Opsonizationâ€Enabled Precision Nanomedicines for Inflammation Treatment. Advanced Materials, 2021, 33, 2006160.	11.1	22
1337	Designer DNA nanostructures for therapeutics. CheM, 2021, 7, 1156-1179.	5.8	91
1338	Macrophageâ€Mediated Tumor Cell Phagocytosis: Opportunity for Nanomedicine Intervention. Advanced Functional Materials, 2021, 31, 2006220.	7.8	63
1340	Nanoparticles in cancer immunotherapies: An innovative strategy. Biotechnology Progress, 2021, 37, e3070.	1.3	14
1341	Implications of nanotechnology for the treatment of cancer: Recent advances. Seminars in Cancer Biology, 2021, 69, 190-199.	4.3	50
#	Article	IF	CITATIONS
------	---	-----	-----------
1342	Polymer and Ceramic Nanotechnology for Biomedical Applications. , 2021, , 1357-1375.		0
1343	Nanoparticle-based radio immune therapy in cancer care. , 2021, , 275-291.		2
1344	Skin Cancer Treatment with Emphasis on Nanotechnology. , 2021, , 193-209.		0
1345	Development of Non-Porous Silica Nanoparticles towards Cancer Photo-Theranostics. Biomedicines, 2021, 9, 73.	1.4	33
1346	Potentialities of selenium nanoparticles in biomedical science. New Journal of Chemistry, 2021, 45, 2849-2878.	1.4	101
1347	Nanomaterials: Surface Functionalization, Modification, and Applications. Springer Series in Biomaterials Science and Engineering, 2021, , 405-438.	0.7	1
1348	Cyanobacteria-based microbial cell factories for production of industrial products. , 2021, , 277-302.		6
1349	Boosting nanomedicine performance by conditioning macrophages with methyl palmitate nanoparticles. Materials Horizons, 2021, 8, 2726-2741.	6.4	10
1350	Quantum Mechanical Model of the Bloch NMR Flow Equations for Transport Analysis of Quantum-Drugs in Microscopic Blood Vessels Applicable in Nanomedicine. Biological and Medical Physics Series, 2021, , 247-267.	0.3	0
1351	Regulatory perspectives of nanomedicines for cancer treatment. , 2021, , 29-49.		0
1352	Encapsulation methods of active molecules for drug delivery. , 2021, , 289-306.		4
1353	Theranostics: New Era in Nuclear Medicine and Radiopharmaceuticals. , 0, , .		3
1354	Current and future challenges in polymeric nanomaterials for biomedical applications. , 2021, , 327-359.		0
1355	Introduction to Nanomaterials and Nanotechnology. , 2021, , 3-23.		13
1356	Nanomedicine in Human Health Therapeutics and Drug Delivery. Advances in Chemical and Materials Engineering Book Series, 2021, , 229-251.	0.2	9
1357	In Vitro Methodologies for Toxicological Assessment of Drug Delivery Nanocarriers. Environmental Chemistry for A Sustainable World, 2021, , 203-227.	0.3	0
1358	Quantum Dots in Drug Delivery. Gels Horizons: From Science To Smart Materials, 2021, , 149-167.	0.3	0
1359	Therapeutic nanostructures and nanotoxicity. Journal of Applied Toxicology, 2021, 41, 1494-1517.	1.4	15

#	Article	IF	CITATIONS
1360	Multimetallic Nanoparticles as Alternative Antimicrobial Agents: Challenges and Perspectives. Molecules, 2021, 26, 912.	1.7	57
1361	Synergic effects of nanoparticles-mediated hyperthermia in radiotherapy/chemotherapy of cancer. Life Sciences, 2021, 269, 119020.	2.0	87
1363	Prospects of Delivering Natural Compounds by Polymer-Drug Conjugates in Cancer Therapeutics. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 1699-1713.	0.9	4
1364	Development and evaluation of polymeric nanoparticles as a delivery system for snake envenoming prevention. Biologicals, 2021, 70, 44-52.	0.5	8
1365	Functionalization of selenium nanoparticles using the methanolic extract of Cirsium setidens and its antibacterial, antioxidant, and cytotoxicity activities. Journal of Nanostructure in Chemistry, 2022, 12, 23-32.	5.3	17
1366	Recent advances in drug delivery applications of cubosomes, hexosomes, and solid lipid nanoparticles. Acta Pharmaceutica Sinica B, 2021, 11, 871-885.	5.7	91
1367	Selenium nanoparticles produce a beneficial effect in psoriasis by reducing epidermal hyperproliferation and inflammation. Journal of Nanobiotechnology, 2021, 19, 101.	4.2	25
1368	A critical review on genotoxicity potential of low dimensional nanomaterials. Journal of Hazardous Materials, 2021, 409, 124915.	6.5	15
1369	Nanomedicine against Alzheimer's and Parkinson's Disease. Current Pharmaceutical Design, 2021, 27, 1507-1545.	0.9	7
1370	Advances in microfluidic synthesis and coupling with synchrotron SAXS for continuous production and real-time structural characterization of nano-self-assemblies. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111633.	2.5	26
1371	Toxicological Impacts on Antioxidant Responses, Stress Protein, and Genotoxicity Parameters of Aluminum Oxide Nanoparticles in the Liver of Oreochromis niloticus. Biological Trace Element Research, 2022, 200, 1339-1346.	1.9	13
1372	Preparation and characterization of sodium alginate/phosphate-stabilized amorphous calcium carbonate nanocarriers and their application in the release of curcumin. Nanotechnology, 2021, 32, 375712.	1.3	8
1373	Cross-Species Comparisons of Nanoparticle Interactions with Innate Immune Systems: A Methodological Review. Nanomaterials, 2021, 11, 1528.	1.9	12
1374	A small molecule nanodrug consisting of pH-sensitive ortho ester–dasatinib conjugate for cancer therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 188-197.	2.0	11
1375	Engineered EV-Mimetic Nanoparticles as Therapeutic Delivery Vehicles for High-Grade Serous Ovarian Cancer. Cancers, 2021, 13, 3075.	1.7	11
1376	Nano Based Approach for the Treatment of Neglected Tropical Diseases. Frontiers in Nanotechnology, 2021, 3, .	2.4	15
1377	Use of nanotechnology in combating coronavirus. 3 Biotech, 2021, 11, 358.	1.1	6
1378	Nanoparticles and Gut Microbiota in Colorectal Cancer. Frontiers in Nanotechnology, 2021, 3, .	2.4	7

#	Article	IF	CITATIONS
1379	Efficient Protein Transfection by Swarms of Chemically Powered Plasmonic Virus-Sized Nanorobots. ACS Nano, 2021, 15, 12899-12910.	7.3	16
1380	Adsorption of Deoxyribonucleic Acid on Nanocrystalline Titanium and Cerium Dioxide Surfaces. Colloid Journal, 2021, 83, 461-467.	0.5	1
1382	Simultaneous delivery of oxali-palladium and iron nanoparticles by β-casein. Journal of Molecular Liquids, 2021, 333, 115999.	2.3	7
1383	Anti-Inflammatory Effect of Very High Dose Local Vessel Wall Statin Administration: Poly(L,L-Lactide) Biodegradable Microspheres with Simvastatin for Drug Delivery System (DDS). International Journal of Molecular Sciences, 2021, 22, 7486.	1.8	2
1384	Use of mixture design to optimize nanofabrication of dithiocarbazate–loaded polylactic acid nanoparticles. Journal of Applied Polymer Science, 2022, 139, 51504.	1.3	7
1385	Advances in the application of nanotechnology in reducing cardiotoxicity induced by cancer chemotherapy. Seminars in Cancer Biology, 2022, 86, 929-942.	4.3	14
1386	A mini-review of Nanocarriers in drug delivery systems. British Journal of Pharmacy, 2022, 7, .	0.1	2
1387	Nanoparticle-Induced Disorder at Complex Liquid–Liquid Interfaces: Effects of Curvature and Compositional Synergy on Functional Surfaces. ACS Nano, 2021, 15, 14285-14294.	7.3	20
1388	Synthesis and Application of Iron Oxide Nanoparticles in Bone Tissue Repair. Journal of Nanomaterials, 2021, 2021, 1-14.	1.5	7
1389	Ciprofibrate-Loaded Nanoparticles Prepared by Nanoprecipitation: Synthesis, Characterization, and Drug Release. Polymers, 2021, 13, 3158.	2.0	2
1390	Construction polyprodrugs by click-reactions and metal-coordination: pH-responsive release for magnetic resonance imaging guided chemotherapy. Chemical Engineering Journal, 2021, 422, 130108.	6.6	5
1391	Nanomedicine: a socio-technical system. Technological Forecasting and Social Change, 2021, 173, 121066.	6.2	3
1392	Adsorption of Amino Acids on a Titania Surface. Russian Journal of Physical Chemistry A, 2021, 95, 207-212.	0.1	2
1393	Redox-sensitive carrier-free nanoparticles self-assembled by disulfide-linked paclitaxel-tetramethylpyrazine conjugate for combination cancer chemotherapy. Theranostics, 2021, 11, 4171-4186.	4.6	31
1394	Polymer and Ceramic Nanotechnology for Biomedical Applications. , 2021, , 1-20.		0
1395	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. ACS Omega, 2021, 6, 2973-2989.	1.6	30
1396	Challenges in Delivery of Biopharmaceuticals; the Need for Advanced Delivery Systems. , 0, , 1-8.		2
1399	Respiratory plasticity following intermittent hypoxia: a guide for novel therapeutic approaches to ventilatory control disorders?. , 2008, , 291-311.		6

#	Article	IF	CITATIONS
1400	Targeted Drug Delivery to the Tumor Neovasculature. , 2008, , 283-297.		4
1401	Dicationic DEGA-Based Lipid Systems for Gene Transfer and Delivery: Supramolecular Structure and Activity. , 2006, , 175-190.		2
1402	PHOTONIC AND NON-PHOTONIC BASED NANOPARTICLES IN CANCER IMAGING AND THERAPEUTICS. , 2006, , 121-157.		10
1403	Nanotechnology — In Relation to Bioinformatics. , 2009, , 200-206.		2
1404	Porous Silicon Nanoparticles. , 2013, , 235-275.		1
1405	Spatial Control of Biological Ligands on Surfaces Applied to T Cell Activation. Methods in Molecular Biology, 2017, 1584, 307-331.	0.4	5
1406	Nanomedicine: Diagnosis, Treatment, and Potential Prospects. Environmental Chemistry for A Sustainable World, 2020, , 297-331.	0.3	6
1407	Herbal Nanocarriers for Cancer Therapy. Environmental Chemistry for A Sustainable World, 2021, , 41-75.	0.3	2
1408	Nanotechnologie in der Medizin. , 2007, , 149-164.		3
1410	Development of a T1 Contrast Agent for Magnetic Resonance Imaging Using Gd2O3 Nanoparticles. IFMBE Proceedings, 2009, , 537-540.	0.2	1
1411	Theranostics. , 2014, , 1-3.		2
1412	Particulate Matter and Oxidative Stress – Pulmonary and Cardiovascular Targets and Consequences. , 2014, , 1557-1586.		9
1413	Theranostics. , 2017, , 4505-4507.		1
1414	Hypersensitivity Reactions to Nanomedicines: Causative Factors and Optimization of Design Parameters. , 2010, , 225-237.		2
1415	Plasmonic Photothermal Therapy with Gold Nanorods/Reduced Graphene Oxide Core/Shell Nanocomposites. , 2015, , 1-8.		1
1416	Prospective Advances in Non-coding RNAs Investigation. Advances in Experimental Medicine and Biology, 2020, 1229, 385-426.	0.8	1
1417	Nanotechnology and primary hemostasis: Differential effects of nanoparticles on platelet responses. Vascular Pharmacology, 2018, 101, 1-8.	1.0	34
1418	Isobaric Labeling Proteomics Allows a High-Throughput Investigation of Protein Corona Orientation. Analytical Chemistry, 2021, 93, 784-791.	3.2	10

# 1420	ARTICLE Liposomal Drug Carriers in Cancer Therapy. , 2006, , 437-462.	IF	CITATIONS
1421	Complement: Alive and Kicking Nanomedicines. Journal of Biomedical Nanotechnology, 2009, 5, 364-372.	0.5	71
1422	Rational engineering of physicochemical properties of nanomaterials for biomedical applications with nanotoxicological perspectives. Nano Convergence, 2015, 2, .	6.3	2
1423	The Safety of Nanomaterials on Molecular and Cellular Scale. , 2017, , 629-662.		1
1424	Interaction of Particles with Membranes. , 2006, , 139-160.		5
1425	Biological and Engineering Considerations for Developing Tumor-Targeting Metallic Nanoparticle Drug-Delivery Systems. Drugs and the Pharmaceutical Sciences, 2007, , 141-158.	0.1	2
1426	Principles of Testing for Carcinogenic Activity. , 2007, , 1265-1316.		8
1427	Impact of Bionanointeractions of Engineered Nanoparticles for Nanomedicine. , 2014, , 21-36.		4
1429	Review: doxorubicin delivery systems based on chitosan for cancer therapy. Journal of Pharmacy and Pharmacology, 2009, 61, 131-142.	1.2	48
1430	Preparation and Cellular Uptake of Folate-modified Lipid Nanodisks. Chemistry Letters, 2017, 46, 944-946.	0.7	1
1431	In Vitro Evaluation of the Biological Responses of Canine Macrophages Challenged with PLGA Nanoparticles Containing Monophosphoryl Lipid A. PLoS ONE, 2016, 11, e0165477.	1.1	5
1432	Nanomedicines for Cancer Therapy: An Update of FDA Approved and Those under Various Stages of Development. SOJ Pharmacy & Pharmaceutical Sciences, 0, , .	0.1	57
1433	Nanosilver and its Medical Implications. Journal of Nanomedicine Research, 2015, 2, .	1.8	3
1434	Structure, Molecular Dynamics, and Thermotropic Properties of Stearic Acid-CTAB Catanionic Surfactants with Different Molar Ratios. Ukrainian Journal of Physics, 2014, 59, 303-312.	0.1	5
1435	Regularization of Environment-Induced Transitions in Nanoscopic Systems. Ukrainian Journal of Physics, 2016, 61, 627-647.	0.1	4
1436	Biosynthesis of Gold Nanoparticles using Scytosiphon lomentaria (Brown algae) and Spyridia filamentosa (Red algae) from Kyrenia Region and Evaluation of their Antimicrobial and Antioxidant Activity. Hacettepe Journal of Biology and Chemistry, 2019, 47, 367-382.	0.3	7
1437	A Pharmacokinetic Overview of Nanotechnology-Based Drug Delivery Systems: An ADME-Oriented Approach. Critical Reviews in Therapeutic Drug Carrier Systems, 2013, 30, 435-467.	1.2	69
1438	On-Demand Production of Emulsion Droplets Using Magnetically Driven Microtool. International Journal of Automation Technology, 2009, 3, 502-508.	0.5	2

#	Article	IF	CITATIONS
1439	On-Demand and Size-Controlled Production of Droplets by Magnetically Driven Microtool. Journal of Robotics and Mechatronics, 2012, 24, 133-140.	0.5	7
1440	Age-related macular degeneration: a target for nanotechnology derived medicines. International Journal of Nanomedicine, 2007, 2, 65-77.	3.3	61
1441	Nanosafety: Towards Safer Nanoparticles by Design. Current Medicinal Chemistry, 2018, 25, 4587-4601.	1.2	19
1442	Atherosclerosis and Nanomedicine Potential: Current Advances and Future Opportunities. Current Medicinal Chemistry, 2020, 27, 3534-3554.	1.2	8
1443	The Role of Anionic Polysaccharides in the Preparation of Nanomedicines with Anticancer Applications. Current Pharmaceutical Design, 2016, 22, 3364-3379.	0.9	11
1444	Promising Therapies for Alzheimer';s Disease. Current Pharmaceutical Design, 2016, 22, 2050-2056.	0.9	21
1445	Surface-Engineered Cancer Nanomedicine: Rational Design and Recent Progress. Current Pharmaceutical Design, 2020, 26, 1181-1190.	0.9	35
1446	Nanoparticles for Triggering and Regulation of Immune Response of Vaccines: Perspective and Prospective. Current Pharmaceutical Biotechnology, 2014, 14, 1242-1249.	0.9	4
1447	Nanotechnology Advanced Strategies for the Management of Diabetes Mellitus. Current Drug Targets, 2019, 20, 995-1007.	1.0	15
1448	Nanomedicine: A New Frontier in Cancer Therapeutics. Current Drug Delivery, 2011, 8, 245-253.	0.8	51
1449	Expanding the Therapeutic Potential of Statins by Means of Nanotechnology Enabled Drug Delivery Systems. Current Topics in Medicinal Chemistry, 2014, 14, 1182-1193.	1.0	37
1450	Smart Synthetic Polymer Nanocarriers for Controlled and Site-Specific Drug Delivery. Current Topics in Medicinal Chemistry, 2015, 15, 1424-1490.	1.0	22
1451	Revolutionary Impact of Nanodrug Delivery on Neuroscience. Current Neuropharmacology, 2012, 10, 370-392.	1.4	21
1452	Role of Nanomedicine in Treatment of Brain Cancer. Current Nanomedicine, 2020, 10, 105-129.	0.2	2
1453	PREPARATION AND CHARACTERIZATION OF ISONIAZID CHITOSAN LOADED NANOPARTICLES. Journal of Drug Delivery and Therapeutics, 2014, 4, .	0.2	3
1454	Nanotechnology in dentistry: Current state and future perspectives. Serbian Dental Journal, 2012, 59, 44-50.	0.1	7
1455	Newer therapeutic approaches towards the management of diabetes mellitus: an update. Panminerva Medica, 2019, , .	0.2	1
1456	Biomimetic Apatite-Based Functional Nanoparticles as Promising Newcomers in Nanomedicine: Overview of 10 Years of Initiatory Research. Internal Medicine & Primary Healthcare, 2015, 1, 1-9.	0.0	5

		CITATION RE	PORT	
#	Article		IF	CITATIONS
1457	Nanoparticles as 'smart' pharmaceutical delivery. Frontiers in Bioscience - Landmark, 2013	3, 18, 1030.	3.0	30
1458	Gold and nano-gold in medicine: overview, toxicology and perspectives. Journal of Applied Biomedicine, 2009, 7, 75-91.		0.6	151
1459	Lysozyme transport to the brain by liposomes. Precision Nanomedicine, 2018, 1, 146-161.		0.4	3
1460	Insight Into Nanoliposomes as Smart Nanocarriers for Greening the Twenty-First Century Bic Settings. Frontiers in Bioengineering and Biotechnology, 2020, 8, 579536.	omedical	2.0	68
1461	Safe Nanoparticles: Are We There Yet?. International Journal of Molecular Sciences, 2021, 22	2, 385.	1.8	191
1462	Influence of Interactions on the Translocation of Nanoparticles Across Biomembranes. Shen Li Hsueh Bao, 2011, 27, 433-442.	g Wu Wu	0.1	1
1463	Recent Advances in Cryo-TEM Imaging of Soft Lipid Nanoparticles. AIMS Biophysics, 2015, 2	, 116-130.	0.3	45
1464	Convergence of nanotechnology with radiation therapy-insights and implications for clinical translation. Translational Cancer Research, 2013, 2, 256-268.		0.4	26
1465	Nanotechnology in medicine. Journal of the National Science Foundation of Sri Lanka, 2007,	35, 149.	0.1	9
1466	PLGA-loaded nanomedicines in melanoma treatment: Future prospect for efficient drug deliv Journal of Medical Research, 2016, 144, 181.	very. Indian	0.4	13
1467	Development of pH sensitive polymeric nanoparticles of erythromycin stearate. Journal of Ph and Bioallied Sciences, 2016, 8, 135.	ıarmacy	0.2	14
1468	Evolving and Controlling Perimeter, Rendezvous, and Foraging Behaviors in a Computation-F Swarm. , 2016, , .	Free Robot		13
1469	Toll Like Receptors Play a Role in General Immunity, Eye Infection and Inflammation: Tlrs for Nanodelivery. Journal of Clinical & Cellular Immunology, 2011, 2, .		1.5	7
1470	Nanomedicine Current Trends in Diabetes Management. Journal of Nanomedicine & Nanoted 2012, 03, .	chnology,	1.1	14
1471	Echographic imaging of tumoral cells through novel nanosystems for image diagnosis. Worl Journal of Radiology, 2014, 6, 459.	d	0.5	13
1472	Functional Polymers for Drug Delivery Systems in Nanomedicines. Journal of Pharmaceutical Investigation, 2010, 40, 45-61.		2.7	12
1473	Selection of a suitable method for the preparation of polymeric nanoparticles: multi-criteria making approach. Advanced Pharmaceutical Bulletin, 2015, 5, 57-67.	decision	0.6	36
1474	In-Situ Versus Post-Synthetic Stabilization of Metal Oxide Nanoparticles. , 0, , .			3

#	Article	IF	CITATIONS
1475	PLGA-Based Nanoparticles as Cancer Drug Delivery Systems. Asian Pacific Journal of Cancer Prevention, 2014, 15, 517-535.	0.5	358
1476	Nanobiomaterials Administration in Modernization of Biological Science: Current Status and Future Potential. , 2021, , 1-49.		0
1477	Antibacterial Activity of Biosynthesized Selenium Nanoparticles Using Extracts of Calendula officinalis against Potentially Clinical Bacterial Strains. Molecules, 2021, 26, 5929.	1.7	34
1478	The Flow of Blood-Based Hybrid Nanofluids with Couple Stresses by the Convergent and Divergent Channel for the Applications of Drug Delivery. Molecules, 2021, 26, 6330.	1.7	22
1479	Nanotechnology: Towards the detection and treatment of inflammatory diseases. , 2006, , 155-176.		1
1481	Proinflammatory Effects of Particles on Macrophages and Epithelial Cells. , 2006, , 183-196.		2
1484	Biodegradable Multitargeting Nanoconjugates for Drug Delivery. Fundamental Biomedical Technologies, 2008, , 233-262.	0.2	0
1485	Pharmacological Applications of Biocompatible Carbon Nanotubes and Their Emerging Toxicology Issues. Carbon Materials, 2008, , 283-316.	0.2	1
1488	Pegylated Liposome Delivery of Chemotherapeutic Agents. , 2008, , 227-262.		0
1489	Nanomedicine: current approach to diagnosis and treatment of diseases and safety issues. Pulmonologiya, 2008, , 5-13.	0.2	2
1490	Synthesis of Fluorine-18 Functionalized Nanoparticles for Use as in Vivo Molecular Imaging Agents. NATO Science for Peace and Security Series A: Chemistry and Biology, 2009, , 237-247.	0.5	1
1491	Strategic Research Priorities and Directions. , 2009, , 103-119.		0
1492	Future Embolic Therapies. , 2010, , 69-73.		0
1493	Targeted Polymeric Nanoparticles. , 2010, , 417-428.		0
1498	Nanomedicines Targeting Cancer: Current Status and Future Prospects of the Therapeutic and Diagnostic Approaches. Indian Journal of Applied Research, 2011, 4, 48-53.	0.0	0
1499	Detection and Selective Destruction of Breast Cancer Cells. , 2011, , 126-141.		0
1500	Magnetic Nanoparticles: Its Effect on Cellular Behaviour and Potential Applications. , 0, , .		2
1501	Nanomedicine: Potential Devices for Diagnostics. Recent Patents on Nanomedicine, 2012, 2, 146-155.	0.5	2

#	Article	IF	CITATIONS
1502	Current State and Future Perspectives of Nanotechnology In Dentistry. IOSR Journal of Pharmacy, 2013, 03, 68-71.	0.1	2
1503	Multifunctional Photoacoustic Tomography. , 2014, , 1-20.		0
1504	Ear as an alternative way for brain drug targeting: An Overview. IOSR Journal of Pharmacy and Biological Sciences, 2014, 9, 78-97.	0.1	1
1505	Broader Aspects of Nanopharmaceutical Safety: Need for an Integrated Approach. Journal of Nanomaterials & Molecular Nanotechnology, 0, s2, .	0.1	0
1506	NANO MEDICINE: AN EMERGING TREND IN MOLECULAR DELIVERY. Journal of Drug Delivery and Therapeutics, 2014, .	0.2	0
1507	Nanoencapsulation of Antitumor and Antituberculosis Drug Preparations with Biocompatible Polymers. Journal of Research Updates in Polymer Science, 2014, 3, 63-85.	0.3	0
1508	Regulatory Implications of Nanotechnology. , 2014, , 334-365.		1
1509	NANOTECHNOLOGY IN NOVEL DRUG DELIVERY SYSTEM. Journal of Drug Delivery and Therapeutics, 2014, 4, .	0.2	3
1512	Polymer Coatings. , 2015, , 1-8.		0
1513	Nanotechnology for the Management of Respiratory Disease. Advances in Chemical and Materials Engineering Book Series, 2015, , 192-204.	0.2	0
1514	Nanomedicine Magic Bullet for Human Cancer. Advances in Chemical and Materials Engineering Book Series, 2015, , 167-191.	0.2	0
1515	Nanomedicina y biomimetismo. Mundo Nano Revista Interdisciplinaria En Nanociencia Y NanotecnologÃa, 2015, 7, .	0.1	0
1516	Toxicological Issues Faced after Liposomes Administration. , 2015, 1, 003-004.		0
1517	Dendritic Architectures: Theranostic Applications. , 0, , 2391-2399.		0
1518	Anticancer Agents: Polymeric Nanomedicines. , 0, , 242-266.		0
1519	Plasmonic Photothermal Therapy with Gold Nanorods/Reduced Graphene Oxide Core/Shell Nanocomposites. , 2016, , 3287-3294.		0
1520	Polymer Coatings. , 2016, , 3341-3349.		0
1522	Liposomes. , 2016, , 1802-1808.		0

# 1523	ARTICLE Nanomedicine: From Concept to Reality. , 2016, , 1-30.	IF	Citations
1524	Toxicological Concerns Related to Nanoscale Drug Delivery Systems. , 2016, , 541-561.		0
1525	Renewable Biomaterials as Nanocarriers for Drug and Gene Delivery. , 2017, , 1-32.		1
1526	Nanogels: Stimuli-responsive Drug Delivery Carriers. RSC Smart Materials, 2017, , 161-180.	0.1	0
1527	Pharmaceutical and Medical Applications of Nanofibers. , 2017, , 1333-1357.		0
1528	Pharmaceutical and Medical Applications of Nanofibers. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 338-363.	0.3	0
1529	Nanoparticle-Based Mycosis Vaccine. Methods in Molecular Biology, 2017, 1625, 169-211.	0.4	3
1531	Cancer and Biotechnology: A Matchup that Should Never Slowdown. , 2017, , 73-97.		2
1532	Multifunctional Photoacoustic Tomography. , 2017, , 247-269.		0
1533	Chapter 10 Dissolution of Nanoparticle Drug Formulations. , 2017, , 301-352.		0
1534	Understanding Toxicity of Nanomaterials in Biological Systems. , 2017, , 1533-1557.		0
1535	Nanomedicine Magic Bullet for Human Cancer. , 2017, , 382-407.		1
1536	Understanding Toxicity of Nanomaterials in Biological Systems. , 2017, , 1492-1516.		0
1537	The Safety of Nanomaterials on Molecular and Cellular Scale. Advanced Materials and Technologies, 2017, , 629-662.	0.4	0
1538	Dendritic Architectures: Theranostic Applications. , 2017, , 402-410.		0
1539	Chapter 32: The Present and Future of Nanotechnology in Human Health Care. , 2017, , 775-806.		0
1540	Chapter 3: Nanoparticles: A Boon to Drug Delivery, Therapeutics, Diagnostics and Imaging. , 2017, , 47-98.		1
1541	Antibacterial activity of plant extract and zinc nanoparticles obtained from Syzigium aromaticum L Pure and Applied Biology, 2017, 6, .	0.1	3

#	ARTICLE	IF	CITATIONS
1543	Memeli Tümör ve Normal Hücre Hatlarında Nanopartikül Uygulamaları. Arsiv Kaynak Tarama Dergisi, 2018, 27, 136-174.	0.1	2
1544	Nanoneuromedicines for Neurodegenerative Diseases. Nanoscience and Nanotechnology - Asia, 2018, 9, 58-63.	0.3	1
1545	Implications of Nanotechnology in Healthcare. Nanoscience and Nanotechnology - Asia, 2018, 9, 44-57.	0.3	1
1546	Immunomodulatory Nanomaterials. Pancreatic Islet Biology, 2019, , 119-142.	0.1	2
1547	Does the Development of Vaccines Advance Solutions for Tuberculosis?. Current Molecular Pharmacology, 2019, 12, 83-104.	0.7	2
1548	TOXICITY OF SILVER NANOPARTICLES LOADED WITH Pleurotus tuber-regium EXTRACT ON RATS. Biotechnologia Acta, 2019, 12, 24-40.	0.3	5
1549	Nanopharmaceuticals: In Relevance to Drug Delivery and Targeting. Environmental Chemistry for A Sustainable World, 2021, , 77-112.	0.3	3
1550	Nanopharmaceuticals: Healthcare Applications and Safety Evaluations. Environmental Chemistry for A Sustainable World, 2021, , 265-288.	0.3	3
1551	A REVIEW ON PROPERTIES, APPLICATIONS AND TOXICITIES OF METAL NANOPARTICLES. International Journal of Applied Pharmaceutics, 0, , 58-63.	0.3	1
1552	Đ'Đ,ĐºĐ¾Ñ€Đ,ÑÑ,ĐºĐ½Đ½Đ½ĐºĐ½Đ°Đ½Đ34бĐ34Ñ,Ñ–Đ² Đ² Đ´Ñ–Đ°Đ3Đ½Đ34ÑÑ,Đ,ці ÑÑ,Đ°Đ½Ñƒ жĐ,	Đ ∂Đ 3⁄4Đ3 t	∂¾ Ñ,Ñ–Đ»{
1553	Essential oil derived biosynthesis of metallic nano-particles: Implementations above essence. Sustainable Materials and Technologies, 2021, 30, e00352.	1.7	16
1554	Microbiota and nanoparticles: Description and interactions. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 169, 220-240.	2.0	9
1555	Nanomedicines in Tuberculosis: Diagnosis, Therapy and Nanodrug Delivery. Engineering Materials, 2020, , 357-404.	0.3	0
1556	Bionanotechnology in Medicine. , 2020, , 129-148.		1
1557	Nanomedicine: Challenges and Future Perspectives. Nanotechnology in the Life Sciences, 2020, , 451-476.	0.4	1
1558	Nanoemulsion Delivery of Herbal Products: Prospects and Challenges. , 2020, , 267-288.		2
1559	Perspectives of the Young Cardiovascular Surgeon. Brazilian Journal of Cardiovascular Surgery, 2020, 35, III-V.	0.2	1

#	Article	IF	CITATIONS
1560	Nanoscience: Convergence with Biomedical and Biological Applications. Nanotechnology in the Life Sciences, 2020, , 1-25.	0.4	3
1561	Applications of Nanometals in Cutaneous Infections. , 2020, , 71-92.		2
1562	Nanotechnology Applications to Improve Solubility of Bioactive Constituents of Foods for Health-Promoting Purposes. Food Engineering Series, 2020, , 189-257.	0.3	1
1563	USE OF NANOBOTS IN DIAGNOSIS THE STATE OF THE LIVING ORGANISM. Collection of Scientific Works of the Military Institute of Kyiv National Taras Shevchenko University, 2020, , 39-45.	0.1	0
1564	5-Fluorouracil and Simvastatin Loaded Solid Lipid Nanoparticles for Effective Treatment of Colorectal Cancer Cells. International Journal of Pharmacology, 2020, 16, 205-213.	0.1	2
1565	Lycopene loaded polymeric nanoparticles for prostate cancer treatment: Formulation, optimization using Box-behnken design and cytotoxicity studies. Journal of Drug Delivery Science and Technology, 2022, 67, 102930.	1.4	5
1566	Understanding Toxicity of Nanomaterials in Biological Systems. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 403-427.	0.3	0
1567	Entwicklung neuer Medikamente. , 2006, , 85-100.		0
1569	Nanotechnology and nanomedicine: a primer. Journal of the National Medical Association, 2006, 98, 1985-8.	0.6	8
1570	Biodistribution studies of protein cage nanoparticles demonstrate broad tissue distribution and rapid clearance in vivo. International Journal of Nanomedicine, 2007, 2, 715-33.	3.3	111
1572	Nanomedicine for respiratory diseases. Tanaffos, 2012, 11, 18-22.	0.5	18
1573	Nanoparticles: Is Toxicity a Concern?. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2011, 22, 92-101.	0.7	6
1574	Biological toxicity of nanoparticles. , 2022, , 603-628.		3
1575	Pharmacokinetics and in vivo evaluation of nanoparticles. , 2022, , 265-289.		1
1576	Recent advances in magnetic electrospun nanofibers for cancer theranostics application. Progress in Natural Science: Materials International, 2021, 31, 835-844.	1.8	14
1577	Couple Stress Hybrid Nanofluid Flow through a Converging-Diverging Channel. Journal of Nanomaterials, 2021, 2021, 1-13.	1.5	10
1578	Effective utilization of green synthesized CuO nanoparticles for the preparation of keto-1,2,3-triazole analogues of protected amino acids/dipeptide acids and recyclable catalyst for the optimization and kinetic study of biodiesel production. European Physical Journal Plus, 2021, 136, 1.	1.2	5
1579	Biomedicine: electrospun nanofibrous hormonal therapies through skin/tissue—a review. International Journal of Polymeric Materials and Polymeric Biomaterials, 0, , 1-19.	1.8	3

#	Article	IF	CITATIONS
1580	Artificial intelligence-powered microfluidics for nanomedicine and materials synthesis. Nanoscale, 2021, 13, 19352-19366.	2.8	42
1581	Bacterial Cellulose for Several Medicine Areas: Future Insights. Journal of Biomaterials and Nanobiotechnology, 2022, 13, 1-23.	1.0	1
1582	Enkapsülasyon Teknikleri ve Kontrollü Salım. European Journal of Science and Technology, 0, , .	0.5	1
1583	Effect of synthesis conditions on local atomic structure and properties of low-toxic maghemite nanoparticles for local magnetic hyperthermia in oncology. Journal of Nanoparticle Research, 2022, 24, 1.	0.8	3
1584	Enhanced anti-tumor activity of a drug through pH-triggered release and dual targeting by calcium phosphate-covered mesoporous silica vehicles. Journal of Materials Chemistry B, 2022, 10, 384-395.	2.9	13
1585	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders. Materials, 2022, 15, 804.	1.3	85
1586	Pharmaceutical nanotechnology: from the bench to the market. Future Journal of Pharmaceutical Sciences, 2022, 8, 12.	1.1	56
1587	Targeting autoimmune disorders through metal nanoformulation in overcoming the fences of conventional treatment approaches. , 2022, , 361-393.		3
1588	Nanotechnology for cancer theranostics. , 2022, , 19-36.		0
1589	New challenges in the use of nanomedicine in cancer therapy. Bioengineered, 2022, 13, 759-773.	1.4	40
1590	Robust Chemical Strategy for Stably Labeling Polyester-Based Nanoparticles with BODIPY Fluorophores. ACS Applied Polymer Materials, 2022, 4, 1196-1206.	2.0	2
1591	Features of the cytoprotective effect of selenium nanoparticles on primary cortical neurons and astrocytes during oxygen–glucose deprivation and reoxygenation. Scientific Reports, 2022, 12, 1710.	1.6	26
1594	Hyaluronic acid–amphotericin B nanocomplexes: a promising anti-leishmanial drug delivery system. Biomaterials Science, 2022, 10, 1952-1967.	2.6	1
1596	Effect of dopamine-functionalization, charge and pH on protein corona formation around TiO ₂ nanoparticles. Nanoscale, 2022, 14, 5121-5137.	2.8	10
1597	Iron oxide nanoparticles: current and future applications in nanomedicine. , 2022, , 349-392.		1
1598	Introduction to Nanoparticulate Drug Delivery Systems. , 2022, , 3-23.		2
1599	Biosurfactants for pharmacological interventions in cancer therapy. , 2022, , 421-437.		0

# 1601	ARTICLE Advanced nanomaterial for point-of-care chemotherapy. , 2022, , 359-382.	IF	CITATIONS 0
1602	Magnetic Nanoparticles in Medicine: Progress, Problems, and Advances. Journal of Communications Technology and Electronics, 2022, 67, 101-116.	0.2	26
1603	Iron oxide nanoparticles for theranostic applications - Recent advances. Journal of Drug Delivery Science and Technology, 2022, 70, 103196.	1.4	12
1604	Bio synthesis of Zinc oxide nanoparticles using Clerodendrum phlomidis extract for antibacterial, anticancer, antioxidant and photocatalytic studies. Journal of Materials Science: Materials in Electronics, 2022, 33, 11455-11466.	1.1	9
1605	N-acetyl-d-glucosamine decorated nano-lipid-based carriers as theranostics module for targeted anti-cancer drug delivery. Materials Chemistry and Physics, 2022, 282, 125956.	2.0	12
1606	Theranostics: Principles, Materials, and Technical Advancements. , 2022, , 317-343.		0
1614	Recent advances in the synthesis and applications of pH-responsive CaCO3. Biochemical Engineering Journal, 2022, 187, 108446.	1.8	9
1615	Intracellular Activity of Poly (DL-lactide-co-glycolide) Nanoparticles Encapsulated with Prothionamide, Pyrazinamide, Levofloxacin, Linezolid or Ethambutol on Multidrug-Resistant Mycobacterium Tuberculosis. Current Drug Delivery, 2022, 19, .	0.8	2
1616	Effect of Thermal Radiation on Three-Dimensional Magnetized Rotating Flow of a Hybrid Nanofluid. Nanomaterials, 2022, 12, 1566.	1.9	23
1617	Development and Evaluation of Biotin Functionalized Fullerenes for the Delivery of Irinotecan to Colon Tumors. Current Drug Delivery, 2022, 19, .	0.8	1
1618	Impact of Particle Size on Toxicity, Tissue Distribution and Excretion Kinetics of Subchronic Intratracheal Instilled Silver Nanoparticles in Mice. Toxics, 2022, 10, 260.	1.6	9
1620	Drug nanocrystals as nanocarrier-based drug delivery systems. , 2022, , 179-203.		1
1621	An overview on nanocarriers. , 2022, , 145-204.		4
1623	Nanohydrogels for targeted drug delivery systems. , 2022, , 333-356.		0
1624	Thymol Nanopolymer Synthesis and Its Effects on Morphine Withdrawal Syndrome in Comparison With Clonidine in Rats. Frontiers in Behavioral Neuroscience, 0, 16, .	1.0	1
1625	Recent advances in optically induced di-electrophoresis and its biomedical applications. Biomedical Microdevices, 2022, 24, .	1.4	1
1626	New Machine Learning Approach for the Optimization of Nano-Hybrid Formulations. Nanomanufacturing, 2022, 2, 82-97.	1.8	0
1627	Mouse Strain– and Charge-Dependent Vessel Permeability of Nanoparticles at the Lower Size Limit. Frontiers in Chemistry, 0, 10, .	1.8	2

#	Article	IF	Citations
1630	Ameliorative Effects by Hexagonal Boron Nitride Nanoparticles against Beta Amyloid Induced Neurotoxicity. Nanomaterials, 2022, 12, 2690.	1.9	6
1631	Polyester nanomedicines targeting inflammatory signaling pathways for cancer therapy. Biomedicine and Pharmacotherapy, 2022, 154, 113654.	2.5	5
1632	Nanotechnology-Based ROS-Triggered Therapeutic Strategies in Multiple Cancer. , 2022, , 2753-2777.		1
1633	Cubosomes: a promising vesicular system for drug delivery. , 2022, , 129-145.		0
1634	An Innovative Approach in The Field of Health: Nanoparticles/Nanomedicine. Journal of Anatolian Environmental and Animal Sciences, 2022, 7, 304-313.	0.2	1
1635	Responsive Role of Nanomedicine in the Tumor Microenvironment and Cancer Drug Resistance. Current Medicinal Chemistry, 2023, 30, 3335-3355.	1.2	4
1636	An Overview of Essential Microelements and Common Metallic Nanoparticles and Their Effects on Male Fertility. International Journal of Environmental Research and Public Health, 2022, 19, 11066.	1.2	15
1637	Polymeric Nanoparticles in Hybrid Catalytic Processing and Drug Delivery System. Topics in Catalysis, 2022, 65, 1860-1884.	1.3	2
1638	The Use of Nanorobotics in the Treatment Therapy of Cancer and Its Future Aspects: A Review. Cureus, 2022, , .	0.2	5
1639	Nanotechnology for Targeted Drug Delivery to Treat Osteoporosis. Current Drug Targets, 2023, 24, 2-12.	1.0	3
1640	Hyaluronic Acid-Protein Conjugate Modified Iron-Based MOFs (MIL-101 (Fe)) for Efficient Therapy of Neuroblastoma: Molecular Simulation, Stability and Toxicity Studies. Crystals, 2022, 12, 1484.	1.0	5
1641	Perspectives for the Use of Fucoidans in Clinical Oncology. International Journal of Molecular Sciences, 2022, 23, 11821.	1.8	13
1642	Medical and Dental Applications of Titania Nanoparticles: An Overview. Nanomaterials, 2022, 12, 3670.	1.9	27
1643	PEGylation of Phosphatidylglycerol/Docosahexaenoic Acid Hexosomes with <scp>d</scp> -î±-Tocopheryl Succinate Poly(ethylene glycol) ₂₀₀₀ Induces Morphological Transformation into Vesicles with Prolonged Circulation Times. ACS Applied Materials & Interfaces, 2022, 14, 48440-48462	4.0	8
1644	Copper oxide nanoparticles impregnated antibacterial surgical gloves for potential application in prevention of nosocomial transmission infections during nursing. Materials Research Express, 2022, 9, 115004.	0.8	0
1646	Nanobiomaterials Administration in Modernization of Biological Science: CurrentÂStatus and Future Potential. , 2022, , 729-777.		0
1647	Cellular Internalization and Toxicity of Polymeric Nanoparticles. Environmental Chemistry for A Sustainable World, 2022, , 473-488.	0.3	3
1650	Biomimetic nanomedicines for precise atherosclerosis theranostics. Acta Pharmaceutica Sinica B, 2023, 13, 4442-4460.	5.7	6

#	Article	IF	CITATIONS
1651	Sustainable green synthesized nanoparticles for neurodegenerative diseases diagnosis and treatment. Materials Today: Proceedings, 2023, 73, 323-328.	0.9	9
1652	Prospects in the use of gold nanoparticles as cancer theranostics and targeted drug delivery agents. Applied Nanoscience (Switzerland), 2023, 13, 4361-4393.	1.6	2
1653	Emerging polymeric biomaterials and manufacturing-based tissue engineering approaches for neuro regeneration-A critical review on recent effective approaches. Smart Materials in Medicine, 2023, 4, 337-355.	3.7	30
1654	Colloids Based on Calixresorcins for the Adsorption, Conversion, and Delivery of Bioactive Substances. Colloid Journal, 2022, 84, 518-529.	0.5	1
1655	Carbohydrate-Derived Polytriazole Nanoparticles Enhance the Anti-Inflammatory Activity of Cilostazol. ACS Omega, 2022, 7, 44631-44642.	1.6	1
1656	Infection Management of Virus-Diagnosing Biosensors Based on MXenes: An Overview. Journal of the Electrochemical Society, 2023, 170, 037501.	1.3	3
1657	Nanoformulation approach for improved antimicrobial activity of bovine lactoperoxidase. Journal of Dairy Research, 0, , 1-4.	0.7	0
1658	Nano-biosensors for Diagnosing Infectious and Lifestyle-Related Disease of Human: An Update. , 2023, , 79-103.		0
1659	Nanotechnology in stem cell research and therapy. Journal of Nanoparticle Research, 2023, 25, .	0.8	5
1660	Potential application of nanotechnology in the treatment, diagnosis, and prevention of schistosomiasis. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	4
1661	Application of Nanoparticles: Diagnosis, Therapeutics, and Delivery of Insulin/Anti-Diabetic Drugs to Enhance the Therapeutic Efficacy of Diabetes Mellitus. Life, 2022, 12, 2078.	1.1	5
1662	Tuning macrophages for atherosclerosis treatment. International Journal of Energy Production and Management, 2023, 10, .	1.9	11
1663	Polymer-based drug delivery systems under investigation for enzyme replacement and other therapies of lysosomal storage disorders. Advanced Drug Delivery Reviews, 2023, 197, 114683.	6.6	8
1664	Biogenic synthesis of selenium nanoparticles, characterization and screening of therapeutic applications using <i>Averrhoa carambola</i> leaf extract. Particulate Science and Technology, 0, , 1-13.	1.1	1
1665	The emerging significance of nanomedicine-based approaches to fighting COVID-19 variants of concern: A perspective on the nanotechnology's role in COVID-19 diagnosis and treatment. Frontiers in Nanotechnology, 0, 4, .	2.4	6
1666	Nanocomplexes of doxorubicin and DNA fragments for efficient and safe cancer chemotherapy. Journal of Controlled Release, 2023, 354, 91-108.	4.8	5
1667	Inhalable Formulations to Treat Non-Small Cell Lung Cancer (NSCLC): Recent Therapies and Developments. Pharmaceutics, 2023, 15, 139.	2.0	4
1668	Recent Avenues In Treatment Of Liver Diseases: Role Of Nanotechnology. Current Drug Targets, 2023, 24, .	1.0	0

		CITATION REPORT	
#	Article	IF	CITATIONS
1669	Aptamer-functionalized PLGA nanoparticles for targeted cancer therapy. , 2023, , 219-235.		0
1670	Risk assessment of various nanomaterials: health safety perspective. , 2023, , 311-333.		0
1671	Nanoparticles: Taking a Unique Position in Medicine. Nanomaterials, 2023, 13, 574.	1.9	65
1672	Drug delivery aspects of carbon nanotubes. , 2023, , 119-155.		1
1673	Nanotheranostic Approach for Cancer Treatment. , 2023, , 1-32.		0
1674	Self-assembly and self-delivery of the pure nanodrug dihydroartemisinin for tumor therapy and mechanism analysis. Biomaterials Science, 2023, 11, 2478-2485.	2.6	3
1675	Harnessing sortase A transpeptidation for advanced targeted therapeutics and vaccine engineer Biotechnology Advances, 2023, 64, 108108.	ing. 6.0	4
1676	Smart Magnetic Drug Delivery Systems for the Treatment of Cancer. Nanomaterials, 2023, 13, 8	76. 1.9	13
1677	Perspectives on complement and phagocytic cell responses to nanoparticles: From fundamental adverse reactions. Journal of Controlled Release, 2023, 356, 115-129.	s to 4.8	11
1679	Tissue Engineering and Targeted Drug Delivery in Cardiovascular Disease: The Role of Polymer Nanocarrier for Statin Therapy. Biomedicines, 2023, 11, 798.	1.4	7
1680	Recent Advancements, Challenges, and Future Prospects in Usage of Nanoformulation as Therai in Inflammatory Diseases. Journal of Nanotheranostics, 2023, 4, 106-126.	nostics 1.7	1
1681	Theranostic Approaches for Diagnosis and Treatment of Cancer: An Update. Biological and Medi Physics Series, 2023, , 631-662.	cal 0.3	1
1682	Impact of Streptococcus agalactiae Challenge on Immune Response, Antioxidant Status and Hepatorenal Indices of Nile Tilapia: The Palliative Role of Chitosan White Poplar Nanocapsule. Fis 2023, 8, 199.	shes, 0.7	7
1684	Topical nano hydrogel formulation of annona muricata extract enrich with zinc for improved therapy design and evaluation. AIP Conference Proceedings, 2023, , .	0.3	Ο
1686	Drug targeting in anticancer chemotherapy. , 2023, , 823-899.		0
1690	Phytoconstituents-based nanoformulations for neurodegenerative disorders. , 2023, , 463-482.		1
1696	Nanotechnology: Ethical Impacts, Health Issues, and Safety Issues. , 2023, , 455-477.		1
1698	Pharmacokinetics of nanomedicine. , 2023, , 127-142.		0

		CITATION RE	PORI	
#	Article		IF	CITATIONS
1704	Nanotechnology for bacteriophages, bacteriophages for nanotechnology. , 2023, , 243	-271.		0
1706	Technologies: Limitless Possibilities and Effective Control. World-systems Evolution an Futures, 2023, , 139-154.	d Clobal	0.1	18
1708	Clinical Applications of Nanovaccine Formulation Technology Market Research. , 2023	, 301-330.		0
1712	Functionalized Targeted Theranostic Nanomedicines. , 2023, , 1-26.			0
1726	Natural antioxidant nanoparticles in neuroprotection. , 2024, , 1905-1934.			0
1727	Multifunctional nanocarrier-mediated codelivery for targeting and treatment of prosta 2024, , 81-111.	te cancer. ,		0
1728	A Review on Nanomaterial-based Strategies for Manipulating Tumor Microenvironmen Chemodynamic Therapy. Chemical Research in Chinese Universities, 2024, 40, 202-21	: to Enhance 2.	1.3	0
1729	State of the art in pediatric nanomedicines. Drug Delivery and Translational Research, (), , .	3.0	0