Impact of Nanotechnology on Drug Delivery

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Citation Report

#	Article	IF	CITATIONS
1	Biomedical applications of functionalized fullerene-based nanomaterials. International Journal of Nanomedicine, 0, , 261.	3.3	64
2	Recent advances in the field of nanometric drug carriers. Future Medicinal Chemistry, 2009, 1, 693-711.	1.1	21
3	Nanocapsules of platinum anticancer drugs: development towards therapeutic use. Future Medicinal Chemistry, 2009, 1, 1467-1480.	1.1	16
4	Nanodiamond–insulin complexes as pH-dependent protein delivery vehicles. Biomaterials, 2009, 30, 5720-5728.	5.7	248
5	Development of iron/ethylcellulose (core/shell) nanoparticles loaded with diclofenac sodium for arthritis treatment. International Journal of Pharmaceutics, 2009, 382, 270-276.	2.6	75
6	Droplet networks with incorporated protein diodes show collective properties. Nature Nanotechnology, 2009, 4, 437-440.	15.6	210
7	Nanomedicine: Not a case of "One size fits all― Nano Today, 2009, 4, 382-384.	6.2	18
8	Facile and efficient synthesis of star-shaped oligomers from a triazine core. Tetrahedron Letters, 2009, 50, 4161-4163.	0.7	21
9	Targeting cancer with â€~smart bombs': equipping plant virus nanoparticles for a â€~seek and destroy' mission. Nanomedicine, 2009, 4, 575-588.	1.7	52
10	A Conversation with Robert Langer: Pioneering Biomedical Scientist and Engineer. ACS Nano, 2009, 3, 756-761.	7.3	7
11	Gaining Strength, Increasing Our Impact. ACS Nano, 2009, 3, 3815-3816.	7.3	0
12	Biomaterials for promoting brain protection, repair and regeneration. Nature Reviews Neuroscience, 2009, 10, 682-692.	4.9	378
13	Biomimetic Doxorubicin Loaded Polymersomes from Hyaluronan- <i>block</i> -Poly(γ-benzyl glutamate) Copolymers. Biomacromolecules, 2009, 10, 2802-2808.	2.6	195
14	On the Toxicity of Therapeutically Used Nanoparticles: An Overview. Journal of Toxicology, 2009, 2009, 2009, 1-9.	1.4	133
15	Nanodiamonds as vehicles for systemic and localized drug delivery. Expert Opinion on Drug Delivery, 2009, 6, 883-895.	2.4	84
16	Integration column: Biofunctional polymeric nanoparticles for spatio-temporal control of drug delivery and biomedical applications. Integrative Biology (United Kingdom), 2009, 1, 446.	0.6	12
17	Multifunctional Nanoparticles for Combined Doxorubicin and Photothermal Treatments. ACS Nano, 2009, 3, 2919-2926.	7.3	333
18	Image-Guided Sentinel Lymph Node Mapping and Nanotechnology-Based Nodal Treatment in Lung Cancer Using Invisible Near-Infrared Fluorescent Light. Seminars in Thoracic and Cardiovascular Surgery, 2009, 21, 309-315.	0.4	60

#	Article	IF	CITATIONS
19	Advantages of Nanotechnology- Based Chinese Herb Drugs on Biological Activities. Current Drug Metabolism, 2009, 10, 905-913.	0.7	24
20	Drug Nanocarriers and Functional Nanoparticles: Applications in Cancer Therapy. Current Drug Delivery, 2009, 6, 391-403.	0.8	76
22	Emerging nanotechnology approaches for HIV/AIDS treatment and prevention. Nanomedicine, 2010, 5, 269-285.	1.7	201
23	Nanoparticles of lipid monolayer shell and biodegradable polymer core for controlled release of paclitaxel: Effects of surfactants on particles size, characteristics and in vitro performance. International Journal of Pharmaceutics, 2010, 395, 243-250.	2.6	134
24	Folic acid conjugated nanoparticles of mixed lipid monolayer shell and biodegradable polymer core for targeted delivery of Docetaxel. Biomaterials, 2010, 31, 330-338.	5.7	303
25	Preparation and physicochemical characterization of naproxen–PLGA nanoparticles. Colloids and Surfaces B: Biointerfaces, 2010, 81, 498-502.	2.5	87
26	Multicomponent Amorphous Nanofibers Electrospun from Hot Aqueous Solutions of a Poorly Soluble Drug. Pharmaceutical Research, 2010, 27, 2466-2477.	1.7	82
27	Sustained release of water-insoluble simvastatin from biodegradable hydrogel augments bone regeneration. Journal of Controlled Release, 2010, 143, 201-206.	4.8	138
28	Encapsulation of Waterâ€Insoluble Drugs in Polymer Capsules Prepared Using Mesoporous Silica Templates for Intracellular Drug Delivery. Advanced Materials, 2010, 22, 4293-4297.	11.1	180
30	Facile, Templateâ€Free Synthesis of Stimuliâ€Responsive Polymer Nanocapsules for Targeted Drug Delivery. Angewandte Chemie - International Edition, 2010, 49, 4405-4408.	7.2	198
31	Multifunctional Nanoscale Platforms for Targeting of the Cancer Cell Immortality Spectrum. Macromolecular Rapid Communications, 2010, 31, 202-216.	2.0	5
32	Ligand anchored dendrimers based nanoconstructs for effective targeting to cancer cells. International Journal of Pharmaceutics, 2010, 393, 186-197.	2.6	91
33	Self-activated luminescent and mesoporous strontium hydroxyapatite nanorods for drug delivery. Biomaterials, 2010, 31, 3374-3383.	5.7	288
34	Tailoring the efficacy of nimodipine drug delivery using nanocarriers based on A2B miktoarm star polymers. Biomaterials, 2010, 31, 8382-8392.	5.7	91
35	Core–shell hybrid nanogels for integration of optical temperature-sensing, targeted tumor cell imaging, and combined chemo-photothermal treatment. Biomaterials, 2010, 31, 7555-7566.	5.7	213
36	A strategy for precision engineering of nanoparticles of biodegradable copolymers for quantitative control of targeted drug delivery. Biomaterials, 2010, 31, 9145-9155.	5.7	149
37	Formulation and physicochemical characterization of poly(É›-caprolactone) nanoparticles loaded with ftorafur and diclofenac sodium. Colloids and Surfaces B: Biointerfaces, 2010, 75, 204-208.	2.5	20
38	Applications of biological pores in nanomedicine, sensing, and nanoelectronics. Current Opinion in Biotechnology, 2010, 21, 439-476.	3.3	298

#	Article	IF	CITATIONS
39	pH-triggered release of materials from single-walled carbon nanotubes using dimethylamino-functionalized fullerenes as removable "corks― Carbon, 2010, 48, 1912-1917.	5.4	38
40	On firm ground: IP protection of therapeutic nanoparticles. Nature Biotechnology, 2010, 28, 1267-1270.	9.4	75
41	Strategies in the design of nanoparticles for therapeutic applications. Nature Reviews Drug Discovery, 2010, 9, 615-627.	21.5	3,124
42	Subcellular targeting strategies for drug design and delivery. Nature Reviews Drug Discovery, 2010, 9, 29-42.	21.5	612
43	Barminomycin, a Model for the Development of New Anthracyclines. Anti-Cancer Agents in Medicinal Chemistry, 2010, 10, 70-77.	0.9	4
44	Targeting the ECF Receptor for Ovarian Cancer Therapy. Journal of Oncology, 2010, 2010, 1-11.	0.6	53
45	Multifunctional gadolinium oxide nanoparticles: towards image-guided therapy. Imaging in Medicine, 2010, 2, 211-223.	0.0	10
46	Folate targeted polymeric â€~green' nanotherapy for cancer. Nanotechnology, 2010, 21, 285107.	1.3	46
47	Novel, Simple, Versatile and General Synthesis of Nanoparticles Made from Proteins, Nucleic Acids and other Materials. Journal of Nano Research, 2010, 12, 77-88.	0.8	2
48	Inhibition of NADPH oxidase by glucosylceramide confers chemoresistance. Cancer Biology and Therapy, 2010, 10, 1126-1136.	1.5	32
49	Interventional Therapy of Head and Neck Cancer with Lipid Nanoparticle–carried Rhenium 186 Radionuclide. Journal of Vascular and Interventional Radiology, 2010, 21, 1271-1279.	0.2	51
50	Uptake and Intracellular Fate of Disulfide-Bonded Polymer Hydrogel Capsules for Doxorubicin Delivery to Colorectal Cancer Cells. ACS Nano, 2010, 4, 2928-2936.	7.3	155
51	Single-walled carbon nanotube-conjugated chemotherapy exhibits increased therapeutic index in melanoma. Nanotechnology, 2010, 21, 025102.	1.3	76
52	Hostâ^Guest Interaction Mediated Polymeric Assemblies: Multifunctional Nanoparticles for Drug and Gene Delivery. ACS Nano, 2010, 4, 1049-1059.	7.3	145
53	LbL multilayer capsules: recent progress and future outlook for their use in life sciences. Nanoscale, 2010, 2, 458.	2.8	208
54	Plasmonic Gold Nanorods Can Carry Sulfonated Aluminum Phthalocyanine To Improve Photodynamic Detection and Therapy of Cancers. Journal of Physical Chemistry B, 2010, 114, 17194-17200.	1.2	26
55	Zinc oxide nanoparticles for selective destruction of tumor cells and potential for drug delivery applications. Expert Opinion on Drug Delivery, 2010, 7, 1063-1077.	2.4	975
56	Noncovalent Encapsulation Stabilities in Supramolecular Nanoassemblies. Journal of the American Chemical Society, 2010, 132, 10683-10685.	6.6	160

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#	Article	IF	CITATIONS
57	Microfluidic Directed Self-Assembly of Liposomeâ^'Hydrogel Hybrid Nanoparticles. Langmuir, 2010, 26, 11581-11588.	1.6	90
58	Design of fluorescently tagged poly(alkyl cyanoacrylate) nanoparticles for human brain endothelial cell imaging. Chemical Communications, 2010, 46, 2602.	2.2	44
59	Nanoparticle Technologies for Cancer Therapy. Handbook of Experimental Pharmacology, 2010, , 55-86.	0.9	262
60	Effects of the Lipid Bilayer Phase State on the Water Membrane Interface. Journal of Physical Chemistry B, 2010, 114, 11784-11792.	1.2	58
61	Drug Delivery. Handbook of Experimental Pharmacology, 2010, , .	0.9	29
62	Self-Assembly of Janus Dendrimers into Uniform Dendrimersomes and Other Complex Architectures. Science, 2010, 328, 1009-1014.	6.0	654
63	Combining Function. ACS Nano, 2010, 4, 3535-3536.	7.3	1
64	pH-Responsive Nanoparticles for Drug Delivery. Molecular Pharmaceutics, 2010, 7, 1913-1920.	2.3	806
65	Towards multifunctional, targeted drug delivery systems using mesoporous silica nanoparticles – opportunities & challenges. Nanoscale, 2010, 2, 1870.	2.8	504
66	Nanotechnology in Drug Delivery and Tissue Engineering: From Discovery to Applications. Nano Letters, 2010, 10, 3223-3230.	4.5	1,369
67	Small-molecule delivery by nanoparticles for anticancer therapy. Trends in Molecular Medicine, 2010, 16, 594-602.	3.5	172
68	Superparamagnetic iron oxide nanoparticle â€ [~] theranostics' for multimodality tumor imaging, gene delivery, targeted drug and prodrug delivery. Expert Review of Clinical Pharmacology, 2010, 3, 117-130.	1.3	37
69	The alluring potential of functionalized carbon nanotubes in drug discovery. Expert Opinion on Drug Discovery, 2010, 5, 691-707.	2.5	53
70	Targeting nanoparticles to cancer. Pharmacological Research, 2010, 62, 90-99.	3.1	775
71	General Method for Producing Organic Nanoparticles Using Nanoporous Membranes. Nano Letters, 2010, 10, 2202-2206.	4.5	59
72	Designing multifunctional quantum dots for bioimaging, detection, and drug delivery. Chemical Society Reviews, 2010, 39, 4326.	18.7	866
73	Enabling individualized therapy through nanotechnology. Pharmacological Research, 2010, 62, 57-89.	3.1	188
74	Receptor-targeted nanocarriers for therapeutic delivery to cancer. Molecular Membrane Biology, 2010, 27, 286-298.	2.0	285

#	Article	IF	CITATIONS
75	Preparation of Fluorescent Diamond Nanoparticles Stably Dispersed under a Physiological Environment through Multistep Organic Transformations. Chemistry of Materials, 2010, 22, 3462-3471.	3.2	81
76	Multiresponse Strategies To Modulate Burst Degradation and Release from Nanoparticles. ACS Nano, 2010, 4, 5930-5936.	7.3	110
77	Potent Angiogenesis Inhibition by the Particulate Form of Fullerene Derivatives. ACS Nano, 2010, 4, 2773-2783.	7.3	148
78	Electrostatic surface modifications to improve gene delivery. Expert Opinion on Drug Delivery, 2010, 7, 535-550.	2.4	66
80	Tracking the Endocytic Pathway of Recombinant Protein Toxin Delivered by Multiwalled Carbon Nanotubes. ACS Nano, 2010, 4, 6483-6490.	7.3	43
81	Drug delivery to the CNS and polymeric nanoparticulate carriers. Future Medicinal Chemistry, 2010, 2, 1681-1701.	1.1	15
82	Design and Development of Nanovehicle-Based Delivery Systems for Preventive or Therapeutic Supplementation with Flavonoids. Current Medicinal Chemistry, 2010, 17, 74-95.	1.2	126
83	Preparation, stability and cytocompatibility of magnetic/PLA-PEG hybrids. Nanoscale, 2010, 2, 564.	2.8	47
84	Cancer-cell targeting and cell-specific delivery by mesoporous silica nanoparticles. Journal of Materials Chemistry, 2010, 20, 2707.	6.7	89
85	Lithography, metrology and nanomanufacturing. Nanoscale, 2011, 3, 2679.	2.8	76
86	Thermosensitive dendrimer formulation for drug delivery at physiologically relevant temperatures. Chemical Communications, 2011, 47, 12146.	2.2	29
87	The Application of Delivery Systems for DNA Methyltransferase Inhibitors. BioDrugs, 2011, 25, 227-242.	2.2	12
88	Improvement of cytotoxic and apoptogenic properties of crocin in cancer cell lines by its nanoliposomal form. Pharmaceutical Biology, 2011, 49, 1039-1045.	1.3	90
89	Targeted Biocompatible Nanoparticles for the Delivery of (â^)-Epigallocatechin 3-Gallate to Prostate Cancer Cells. Journal of Medicinal Chemistry, 2011, 54, 1321-1332.	2.9	139
90	Global Nanoscience and the ACS Nano Award Lectureships. ACS Nano, 2011, 5, 5281-5282.	7.3	3
91	On-Chip Evaluation of Shear Stress Effect on Cytotoxicity of Mesoporous Silica Nanoparticles. Analytical Chemistry, 2011, 83, 8377-8382.	3.2	75
92	Advanced methodologies to formulate nanotheragnostic agents for combined drug delivery and imaging. Expert Opinion on Drug Delivery, 2011, 8, 1589-1608.	2.4	43
93	On the edge of new technologies (advanced therapies, nanomedicines). Drug Discovery Today: Technologies, 2011, 8, e21-e28.	4.0	10

ARTICLE IF CITATIONS # Polymer-based nanoparticulate solid dispersions prepared by a modified electrospraying process. 0.2 23 94 Journal of Biomedical Science and Engineering, 2011, 04, 741-749. Nanoparticle-Functionalized Polymer Platform for Controlling Metastatic Cancer Cell Adhesion, 7.3 Shape, and Motility. ACS Nano, 2011, 5, 5444-5456. Quantum dot-loaded PEGylated poly(alkyl cyanoacrylate) nanoparticles for in vitro and in vivo 96 1.2 23 imaging. Soft Matter, 2011, 7, 6187. Thermo and pH dual responsive, polymer shell coated, magnetic mesoporous silica nanoparticles for controlled drug release. Journal of Materials Chemistry, 2011, 21, 9239. Physiological effects of magnetite (Fe₃O₄) nanoparticles on perennial ryegrass (<i>L) and pumpkin (<i>Cucurbita mixta</i>) plants. Nanotoxicology, 2011, 289 98 1.6 5. 30-42. Biomedical Application of Polyhedral Oligomeric Silsesquioxane Nanoparticles. Advances in Silicon 99 0.6 Science, 2011, , 363-399. Ultrastable, Redispersible, Small, and Highly Organomodified Mesoporous Silica Nanotherapeutics. 100 6.6 135 Journal of the American Chemical Society, 2011, 133, 20444-20457. Reduction-Sensitive Liposomes from a Multifunctional Lipid Conjugate and Natural Phospholipids: 1.6 Reduction and Release Kinetics and Cellular Uptake. Langmuir, 2011, 27, 10820-10829. Nanoplatforms for constructing new approaches to cancer treatment, imaging, and drug delivery: 102 2.1 146 What should be the policy?. NeuroImage, 2011, 54, S106-S124. Self-Assembled Targeted Nanoparticles: Evolution of Technologies and Bench to Bedside Translation. 416 Accounts of Chemical Research, 2011, 44, 1123-1134. Nuclear Targeting Dynamics of Gold Nanoclusters for Enhanced Therapy of HER2⁺ Breast 104 7.3246 Cancer. ACS Nano, 2011, 5, 9718-9725. Importance of Sialic Acid Residues Illuminated by Live Animal Imaging Using Phosphorylcholine Self-Assembled Monolayer-Coated Quantum Dots. Journal of the American Chemical Society, 2011, 133, 6.6 12507-12517. A possible anticancer drug delivery system based on carbon nanotube–dendrimer hybrid 106 6.7 55 nanomaterials. Journal of Materials Chemistry, 2011, 21, 15456. Non-viral Gene Therapy. Fundamental Biomedical Technologies, 2011, , 599-699. 0.2 Anticancer drug delivery systems based on noncovalent interactions between carbon nanotubes and 108 1.2 55 linear–dendritic copolymers. Soft Matter, 2011, 7, 4062. Nanotechnology-Based Spatiotemporal Controlled Drug Delivery Strategies. 109 0.1 Else-Kröner-Frésenius-Symposia, 2011, , 53-70. Polymeric Micelles for Neoadjuvant Cancer Therapy and Tumor-Primed Optical Imaging. ACS Nano, 2011, 110 7.3 64 5, 8721-8729. Tunable Encapsulation of Proteins within Charged Microgels. Macromolecules, 2011, 44, 8154-8160. 2.2 84

#	Article	IF	CITATIONS
112	Improving anticancer activity and reducing systemic toxicity of doxorubicin by self-assembled polymeric micelles. Nanotechnology, 2011, 22, 095102.	1.3	33
113	Nanocosmetics and Nanomedicines. , 2011, , .		40
114	Applications of Polyhedral Oligomeric Silsesquioxanes. Advances in Silicon Science, 2011, , .	0.6	96
115	Target-Specific Cellular Uptake of Folate-Decorated Biodegradable Polymer Micelles. Journal of Physical Chemistry B, 2011, 115, 12662-12670.	1.2	44
116	Predicting the Size and Properties of Dendrimersomes from the Lamellar Structure of Their Amphiphilic Janus Dendrimers. Journal of the American Chemical Society, 2011, 133, 20507-20520.	6.6	165
117	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
118	Nanospheres-Incorporated Implantable Hydrogel as a Trans-Tissue Drug Delivery System. ACS Nano, 2011, 5, 2520-2534.	7.3	100
119	Acid Degradable and Biocompatible Polymeric Nanoparticles for the Potential Codelivery of Therapeutic Agents. Macromolecules, 2011, 44, 8008-8019.	2.2	101
120	Potent Engineered PLGA Nanoparticles by Virtue of Exceptionally High Chemotherapeutic Loadings. Nano Letters, 2011, 11, 808-813.	4.5	170
121	Nanomedicine: Application Areas and Development Prospects. International Journal of Molecular Sciences, 2011, 12, 3303-3321.	1.8	135
122	Virtual Issue on Nanomaterials for Drug Delivery. ACS Nano, 2011, 5, 681-684.	7.3	24
123	Cisplatin-loaded gelatin-poly(acrylic acid) nanoparticles: Synthesis, antitumor efficiency in vivo and penetration in tumors. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 142-149.	2.0	79
124	Cytotoxicity and cellular uptake of newly synthesized fucoidan-coated nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 162-170.	2.0	65
125	Toxicology of engineered nanomaterials: Focus on biocompatibility, biodistribution and biodegradation. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 361-373.	1.1	408
126	Multi-stage delivery nano-particle systems for therapeutic applications. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 317-329.	1.1	127
127	Smart Nanocarrier Based on PEGylated Hyaluronic Acid for Cancer Therapy. ACS Nano, 2011, 5, 8591-8599.	7.3	360
128	Perspectives and opportunities for nanomedicine in the management of atherosclerosis. Nature Reviews Drug Discovery, 2011, 10, 835-852.	21.5	341
129	One-pot synthesis of sustained-released doxorubicin silica nanoparticles for aptamer targeted delivery to tumor cells. Nanoscale, 2011, 3, 2936.	2.8	40

#	Article	IF	CITATIONS
130	Study of PEGylated Lipid Layers as a Model for PEGylated Liposome Surfaces: Molecular Dynamics Simulation and Langmuir Monolayer Studies. Langmuir, 2011, 27, 7788-7798.	1.6	95
131	Nanoparticles in Cancer Chemotherapy. Progress in Molecular Biology and Translational Science, 2011, 104, 489-507.	0.9	35
132	Bioresponsive Mesoporous Silica Nanoparticles for Triggered Drug Release. Journal of the American Chemical Society, 2011, 133, 19582-19585.	6.6	335
133	Superparamagnetic iron oxide nanoparticles (SPIONs): Development, surface modification and applications in chemotherapy. Advanced Drug Delivery Reviews, 2011, 63, 24-46.	6.6	1,555
134	The electrochemical discharges for the synthesis of nickel oxide nanoparticles: Characterization and mechanism. Electrochimica Acta, 2011, 58, 12-18.	2.6	29
135	Delivery of Therapeutics: Current Status and Its Relevance to Regenerative Innovations. Recent Patents on Nanomedicine, 2011, 1, 7-18.	0.5	7
136	Nanoparticles prepared from the water extract of Gusuibu (Drynaria fortunei J. Sm.) protects osteoblasts against insults and promotes cell maturation. International Journal of Nanomedicine, 2011, 6, 1405.	3.3	3
137	NANOSCALE SELF-ASSEMBLY FOR DELIVERY OF THERAPEUTICS AND IMAGING AGENTS. Technology and Innovation, 2011, 13, 5-25.	0.2	4
138	Nanotechnology Platforms; An Innovative Approach to Brain Tumor Therapy. Medicinal Chemistry, 2011, 7, 488-503.	0.7	11
139	Pulmonary Delivery: Innovative Approaches and Perspectives. Journal of Biomaterials and Nanobiotechnology, 2011, 02, 567-575.	1.0	25
140	Preparation and Characterization of IPN Microspheres for Controlled Delivery of Naproxen. Journal of Biomaterials and Nanobiotechnology, 2011, 02, 445-453.	1.0	17
141	One nanoparticle, one kill. Nature Materials, 2011, 10, 342-343.	13.3	130
142	Nanotechnological strategies for engineering complex tissues. Nature Nanotechnology, 2011, 6, 13-22.	15.6	1,226
143	Rational design of nano- and micro-size medicinal forms of biologically active substances. Applied Biochemistry and Microbiology, 2011, 47, 711-717.	0.3	5
144	Polystyrene nanoparticle trafficking across MDCK-II. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 588-594.	1.7	58
145	Nanotechnologies to use bisphosphonates as potent anticancer agents: the effects of zoledronic acid encapsulated into liposomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 955-964.	1.7	98
146	A nanovector with complete discrimination for targeted delivery to Plasmodium falciparum-infected versus non-infected red blood cells in vitro. Journal of Controlled Release, 2011, 151, 202-211.	4.8	80
147	Study of the efficacy of antimalarial drugs delivered inside targeted immunoliposomal nanovectors. Nanoscale Research Letters, 2011, 6, 620.	3.1	47

#	Article	IF	CITATIONS
148	Assessment of nanomaterial cytotoxicity with SOLiD sequencing-based microRNA expression profiling. Biomaterials, 2011, 32, 9021-9030.	5.7	64
149	A review of the prospects for polymeric nanoparticle platforms in oral insulin delivery. Biomaterials, 2011, 32, 9826-9838.	5.7	371
150	Engineered hydrogen-bonded polymer multilayers: from assembly to biomedical applications. Chemical Society Reviews, 2011, 40, 19-29.	18.7	327
151	Formulation of Diblock Polymeric Nanoparticles through Nanoprecipitation Technique. Journal of Visualized Experiments, 2011, , .	0.2	6
152	Tailor-Made Dual pH-Sensitive Polymer–Doxorubicin Nanoparticles for Efficient Anticancer Drug Delivery. Journal of the American Chemical Society, 2011, 133, 17560-17563.	6.6	1,063
153	Bio-inspired, bioengineered and biomimetic drug delivery carriers. Nature Reviews Drug Discovery, 2011, 10, 521-535.	21.5	1,038
154	Multifunctional Fe3O4 nanoparticles for targeted bi-modal imaging of pancreatic cancer. Journal of Materials Chemistry, 2011, 21, 12650.	6.7	62
155	PLGA nanoparticles containing various anticancer agents and tumour delivery by EPR effect. Advanced Drug Delivery Reviews, 2011, 63, 170-183.	6.6	908
156	Formation, characterization, and fate of inhaled drug nanoparticles. Advanced Drug Delivery Reviews, 2011, 63, 441-455.	6.6	175
157	Adaptive micro and nanoparticles: Temporal control over carrier properties to facilitate drug delivery. Advanced Drug Delivery Reviews, 2011, 63, 1247-1256.	6.6	226
158	Nanochannel Technology for Constant Delivery of Chemotherapeutics: Beyond Metronomic Administration. Pharmaceutical Research, 2011, 28, 292-300.	1.7	43
159	Caleosin-based nanoscale oil bodies for targeted delivery of hydrophobic anticancer drugs. Journal of Nanoparticle Research, 2011, 13, 7127-7137.	0.8	6
160	Coarse-grained modeling study of nonpeptide RGD ligand density and PEG molecular weight on the conformation of poly(γ-glutamyl-glutamate) paclitaxel conjugates. Journal of Molecular Modeling, 2011, 17, 2973-2987.	0.8	5
161	Gas-phase preparation and size control of Fe nanoparticles. Applied Physics A: Materials Science and Processing, 2011, 103, 1015-1020.	1.1	7
162	Amino acid based amphiphilic copolymer micelles as carriers of non-steroidal anti-inflammatory drugs: Solubilization, in vitro release and biological evaluation. International Journal of Pharmaceutics, 2011, 407, 207-216.	2.6	21
163	Formulation of Docetaxel by folic acid-conjugated d-α-tocopheryl polyethylene glycol succinate 2000 (Vitamin E TPGS2k) micelles for targeted and synergistic chemotherapy. Biomaterials, 2011, 32, 4058-4066.	5.7	243
164	Fate of polymeric nanocarriers for oral drug delivery. Current Opinion in Colloid and Interface Science, 2011, 16, 228-237.	3.4	269
165	Preparation and characterization of thermosensitive pluronic F127-b-poly(É>-caprolactone) mixed micelles. Colloids and Surfaces B: Biointerfaces, 2011, 86, 45-57.	2.5	72

#	Article	IF	CITATIONS
166	Nanotechnology: Emerging Tool for Diagnostics and Therapeutics. Applied Biochemistry and Biotechnology, 2011, 165, 1178-1187.	1.4	84
167	M13 bacteriophage-polymer nanoassemblies as drug delivery vehicles. Nano Research, 2011, 4, 483-493.	5.8	74
168	Permeability Variation Study in Collagen-Based Polymeric Capsules. BioNanoScience, 2011, 1, 192-197.	1.5	7
169	Nanotechnology-mediated targeting of tumor angiogenesis. Vascular Cell, 2011, 3, 3.	0.2	90
170	Overcoming <i>in vivo</i> barriers to targeted nanodelivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 421-437.	3.3	153
171	The promise of nanotechnology for solving clinical problems in breast cancer. Journal of Surgical Oncology, 2011, 103, 317-325.	0.8	28
172	A Nanocage for Nanomedicine: Polyhedral Oligomeric Silsesquioxane (POSS). Macromolecular Rapid Communications, 2011, 32, 1032-1046.	2.0	246
173	Visualization of bionanostructures using transmission electron microscopical techniques. Microscopy Research and Technique, 2011, 74, 642-663.	1.2	32
174	Multifunctional Mesoporous Nanoellipsoids for Biological Bimodal Imaging and Magnetically Targeted Delivery of Anticancer Drugs. Advanced Functional Materials, 2011, 21, 270-278.	7.8	239
175	Synthesis of Sizeâ€Tunable Polymeric Nanoparticles Enabled by 3D Hydrodynamic Flow Focusing in Singleâ€Layer Microchannels. Advanced Materials, 2011, 23, H79-83.	11.1	200
176	Nanomaterials: Applications in Cancer Imaging and Therapy. Advanced Materials, 2011, 23, H18-40.	11.1	814
177	Eâ€Selectinâ€Targeted Porous Silicon Particle for Nanoparticle Delivery to the Bone Marrow. Advanced Materials, 2011, 23, H278-82.	11.1	113
178	Multimodal Nanodiamond Drug Delivery Carriers for Selective Targeting, Imaging, and Enhanced Chemotherapeutic Efficacy. Advanced Materials, 2011, 23, 4770-4775.	11.1	216
179	Delivery of nanoparticleâ€complexed drugs across the vascular endothelial barrier via caveolae. IUBMB Life, 2011, 63, 659-667.	1.5	103
182	Differentially Charged Hollow Core/Shell Lipid–Polymer–Lipid Hybrid Nanoparticles for Small Interfering RNA Delivery. Angewandte Chemie - International Edition, 2011, 50, 7027-7031.	7.2	156
183	Multifunctional Nanoparticles for Targeted Chemophotothermal Treatment of Cancer Cells. Angewandte Chemie - International Edition, 2011, 50, 7581-7586.	7.2	87
184	Liposomal cerasome: a nanohybrid of liposome and silica. Asia-Pacific Journal of Chemical Engineering, 2011, 6, 569-574.	0.8	10
185	Synthesis of nanocarriers with remote magnetic drug release control and enhanced drug delivery for intracellular targeting of cancer cells. Acta Biomaterialia, 2011, 7, 2873-2882.	4.1	25

ARTICLE IF CITATIONS Deposition of antibacterial of poly(1,3-bis-(p-carboxyphenoxy propane)-co-(sebacic anhydride)) 186 3.1 32 20:80/gentamicin sulfate composite coatings by MAPLE. Applied Surface Science, 2011, 257, 5287-5292. Hollow chitosan–silica nanospheres as pH-sensitive targeted delivery carriers in breast cancer 245 therapy. Biomaterials, 2011, 32, 4976-4986. Encapsulation of curcumin in self-assembling peptide hydrogels as injectable drug delivery vehicles. 188 5.7 418 Biomaterials, 2011, 32, 5906-5914. Effects of ligands with different water solubilities on self-assembly and properties of targeted 169 nanoparticles. Biomaterials, 2011, 32, 6226-6233. ABC block copolymer as "smart―pH-responsive carrier for intracellular delivery of hydrophobic 190 1.8 34 drugs. Polymer, 2011, 52, 3396-3404. Nanocarriers for Transmucosal Vaccine Delivery. Current Nanoscience, 2011, 7, 160-177. Functionalized nanoscale oil bodies for targeted delivery of a hydrophobic drug. Nanotechnology, 192 1.3 17 2011, 22, 415102. Current Trends in the Application of Nanoparticles in Drug Delivery. Current Medicinal Chemistry, 1.2 2011, 18, 1067-1078. In Vitro Evaluation of Chloroaluminum Phthalocvanine Nanoemulsion and Low-Level Laser Therapy on 194 Human Skin Dermal Equivalents and Bone Marrow Mesenchymal Stem Cells. Current Medicinal 1.2 25 Chemistry, 2011, 18, 3376-3381. Nanoscience, Ethics and Progress: The Poor and Advanced Technologies., 2011, ... Colon-Targeted Drug Delivery Microparticles Prepared Using Electrohydrodynamic Atomization. 196 0.2 0 Applied Mechanics and Materials, 0, 130-134, 1663-1667. In vitro and in vivo evaluation of folate receptor-targeting amphiphilic copolymer-modified liposomes 3.3 38 loaded with docetaxel. International Journal of Nanomedicine, 2011, 6, 1167. Liver Metastasis: Biology and Clinical Management. Cancer Metastasis - Biology and Treatment, 2011, , . 198 0.1 6 Nanopharmaceutics. International Journal of Pharmaceutical Investigation, 2011, 1, 61. 199 0.2 Micro-NMR for Rapid Molecular Analysis of Human Tumor Samples. Science Translational Medicine, 200 5.8 191 2011, 3, 71ra16. Biodegradable methoxy poly (ethylene glycol)-poly (lactide) nanoparticles for controlled delivery of dacarbazine: Preparation, characterization and anticancer activity evaluation. African Journal of Pharmacy and Pharmacology, 2011, 5, 1369-1377. Nucleic acid-based nanoengineering: novel structures for biomedical applications. Interface Focus, 202 1.548 2011, 1, 702-724. Evaluating the Controlled Release Properties of Inhaled Nanoparticles Using Isolated, Perfused, and 204 1.5 Ventilated Lung Models. Journal of Nanomaterials, 2011, 2011, 1-16.

# 205	ARTICLE Nanotechnology and the Treatment of HIV Infection. Viruses, 2012, 4, 488-520.	IF 1.5	Citations
206	Nano cancer therapy strategies. Journal of Cancer Research and Therapeutics, 2012, 8, 19.	0.3	35
207	Nanotools for the Delivery of Antimicrobial Peptides. Current Drug Targets, 2012, 13, 1158-1172.	1.0	54
208	Delivery of siRNA to the Mouse Lung via a Functionalized Lipopolyamine. Molecular Therapy, 2012, 20, 91-100.	3.7	39
209	Measurement of PLGA-NP interaction with single smooth muscle cells using optical tweezers. Proceedings of SPIE, 2012, , .	0.8	0
210	Revolutionary Impact of Nanodrug Delivery on Neuroscience. Current Neuropharmacology, 2012, 10, 370-392.	1.4	45
211	Nanostructured porous Si-based nanoparticles for targeted drug delivery. Biomatter, 2012, 2, 296-312.	2.6	112
212	PLGA–LECITHIN–PEG CORE-SHELL NANOPARTICLES FOR CANCER TARGETED THERAPY. Nano LIFE, 2012, 02, 1250002.	0.6	10
214	Lipid- and Polymer-Based Nanostructures for Cancer Theranostics. Theranostics, 2012, 2, 1117-1126.	4.6	137
215	Nanomedicine to improve drug delivery outcomes. Chronicles of Young Scientists, 2012, 3, 258.	0.4	0
216	Mesoporous Silica Nanoparticles: Their Projection in Nanomedicine. ISRN Materials Science, 2012, 2012, 1-20.	1.0	48
217	Electrospun zein–PVP fibre composite and its potential medical application. Materials Research Innovations, 2012, 16, 14-18.	1.0	32
218	Toxicological Profile of Therapeutic Nanodelivery Systems. Current Drug Metabolism, 2012, 13, 1068-1086.	0.7	39
219	Protein-specific Effects of Binding to Silica Nanoparticles. Chemistry Letters, 2012, 41, 1122-1124.	0.7	6
220	Mesoporous Silica Nanoparticles in Nanomedicine. , 2012, , 135-182.		0
221	In vitro and in vivo Diagnosis of Pulmonary Disorders Using Nanotechnology. , 2012, , 103-133.		0
222	Nanoparticle therapeutics for prostate cancer treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, S31-S36.	1.7	55
223	Tumor Accumulation, Penetration, and Antitumor Response of Cisplatin-Loaded Gelatin/Poly(acrylic) Tj ETQq1 1 0.	-784314 r 4.0	g฿ฐ /Overloo

#	Article	IF	CITATIONS
224	Molecular Communication and Networking: Opportunities and Challenges. IEEE Transactions on Nanobioscience, 2012, 11, 135-148.	2.2	497
225	Micro-computed tomography imaging of composite nanoparticle distribution in the lung. International Journal of Pharmaceutics, 2012, 439, 230-233.	2.6	6
227	Interactions of nanomaterials and biological systems: Implications to personalized nanomedicine. Advanced Drug Delivery Reviews, 2012, 64, 1363-1384.	6.6	365
228	Biodistribution of nanoparticles: Initial considerations. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 602-604.	1.4	38
230	Superstructure based on \hat{l}^2 -CD self-assembly induced by a small guest molecule. Physical Chemistry Chemical Physics, 2012, 14, 1934.	1.3	41
231	A pH-sensitive macro- and nanohydrogel constructed from cationic hydroxyl-containing hyperbranched polycarbonate. Soft Matter, 2012, 8, 6906.	1.2	16
232	Nitric oxide nanoparticles. Virulence, 2012, 3, 62-67.	1.8	44
233	Facile Preparation of Nanogels Using Activated Ester Containing Polymers. ACS Macro Letters, 2012, 1, 175-179.	2.3	48
234	Hybrid Compounds. BioDrugs, 2012, 26, 21-31.	2.2	39
235	Applications and Nanotoxicity of Carbon Nanotubes and Graphene in Biomedicine. Journal of Nanomaterials, 2012, 2012, 1-19.	1.5	125
236	Design rules for cancer nanomedicines. , 2012, , .		1
237	Interconnected Roles of Scaffold Hydrophobicity, Drug Loading, and Encapsulation Stability in Polymeric Nanocarriers. Molecular Pharmaceutics, 2012, 9, 3569-3578.	2.3	29
238	Discovery of Novel Integrin Ligands from Combinatorial Libraries Using a Multiplex "Beads on a Bead― Approach. Nano Letters, 2012, 12, 5957-5965.	4.5	22
239	Dry Film Refractive Index as an Important Parameter for Ultra-Low Fouling Surface Coatings. Biomacromolecules, 2012, 13, 589-593.	2.6	37
240	Effective Surface Charge Density Determines the Electrostatic Attraction between Nanoparticles and Cells. Journal of Physical Chemistry C, 2012, 116, 4993-4998.	1.5	75
241	Formation of Nano-Bio-Complex as Nanomaterials Dispersed in a Biological Solution for Understanding Nanobiological Interactions. Scientific Reports, 2012, 2, 406.	1.6	76
242	Multilayered Nanoparticles for Controlled Release of Paclitaxel Formed by Near-Critical Micellization of Triblock Copolymers. Macromolecules, 2012, 45, 4809-4817.	2.2	11
243	Shaping Vesicles–Controlling Size and Stability by Admixture of Amphiphilic Copolymer. ACS Nano, 2012, 6, 5858-5865	7.3	35

#	Article	IF	CITATIONS
244	Nanoencapsulation of food ingredients using lipid based delivery systems. Trends in Food Science and Technology, 2012, 23, 13-27.	7.8	489
245	Enabling Biomedical Research with Designer Quantum Dots. Methods in Molecular Biology, 2012, 811, 245-265.	0.4	7
246	How Do Proteins Unfold upon Adsorption on Nanoparticle Surfaces?. Langmuir, 2012, 28, 12779-12787.	1.6	115
247	The State of Nanoparticle-Based Nanoscience and Biotechnology: Progress, Promises, and Challenges. ACS Nano, 2012, 6, 8468-8483.	7.3	211
248	Impact of nanotechnology in cancer: emphasis on nanochemoprevention. International Journal of Nanomedicine, 2012, 7, 591.	3.3	59
249	Surface-Enhanced Raman Spectroscopy To Probe Photoreaction Pathways and Kinetics of Isolated Reactants on Surfaces: Flat versus Curved Substrates. Nano Letters, 2012, 12, 5362-5368.	4.5	40
250	Construction of nanometer cisplatin core-ferritin (NCC-F) and proteomic analysis of gastric cancer cell apoptosis induced with cisplatin released from the NCC-F. Journal of Proteomics, 2012, 75, 3145-3157.	1.2	45
251	A new era for liquid crystal research: Applications of liquid crystals in soft matter nano-, bio- and microtechnology. Current Applied Physics, 2012, 12, 1387-1412.	1.1	583
252	Covalent Modification of Reduced Graphene Oxide by Means of Diazonium Chemistry and Use as a Drugâ€Đelivery System. Chemistry - A European Journal, 2012, 18, 14708-14716.	1.7	75
253	PLAâ€based nanoparticles with tunable hydrophobicity and degradation kinetics. Journal of Polymer Science Part A, 2012, 50, 5191-5200.	2.5	36
254	Diamond as a nanomedical agent for versatile applications in drug delivery, imaging, and sensing. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1609-1618.	0.8	40
255	Protein–Polymer Hybrid Nanoparticles for Drug Delivery. Small, 2012, 8, 3573-3578.	5.2	87
256	Hyperbranched Conjugated Polyelectrolyte for Dualâ€modality Fluorescence and Magnetic Resonance Cancer Imaging. Small, 2012, 8, 3523-3530.	5.2	41
257	Shedding light on nanomedicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 638-662.	3.3	69
258	Quantifying size-dependent interactions between fluorescently labeled polystyrene nanoparticles and mammalian cells. Journal of Nanobiotechnology, 2012, 10, 39.	4.2	116
260	Proteins and Peptides at Gold Surfaces: Insights from Atomistic Simulations. ACS Symposium Series, 2012, , 229-250.	0.5	8
261	Photoactivated nanomaterials for biomedical release applications. Journal of Materials Chemistry, 2012, 22, 301-318.	6.7	197
262	Nanocarriers as Nanomedicines. Frontiers of Nanoscience, 2012, 4, 337-440.	0.3	14

#	Article	IF	CITATIONS
264	Nanoparticle-based delivery of small interfering RNA: challenges for cancer therapy. International Journal of Nanomedicine, 2012, 7, 3637.	3.3	151
265	Functionalizing Biodegradable Dextran Scaffolds Using Living Radical Polymerization: New Versatile Nanoparticles for the Delivery of Therapeutic Molecules. Molecular Pharmaceutics, 2012, 9, 3046-3061.	2.3	63
266	Selenium Nanoparticles as a Carrier of 5-Fluorouracil to Achieve Anticancer Synergism. ACS Nano, 2012, 6, 6578-6591.	7.3	287
267	Nanotechnology in therapeutics: a focus on nanoparticles as a drug delivery system. Nanomedicine, 2012, 7, 1253-1271.	1.7	491
268	Uptake and translocation of polymeric nanoparticulate drug delivery systems into ryegrass. RSC Advances, 2012, 2, 9679.	1.7	14
269	Differential Uptake of Chemically Modified Cowpea Mosaic Virus Nanoparticles in Macrophage Subpopulations Present in Inflammatory and Tumor Microenvironments. Biomacromolecules, 2012, 13, 3320-3326.	2.6	19
270	Magnetite nanoparticles as smart carriers to manipulate the cytotoxicity of anticancer drugs: magnetic control and pH-responsive release. Journal of Materials Chemistry, 2012, 22, 15717.	6.7	102
271	Engineering nanomedicines using stimuli-responsive biomaterials. Advanced Drug Delivery Reviews, 2012, 64, 1021-1030.	6.6	78
272	Self-folding polymeric containers for encapsulation and delivery of drugs. Advanced Drug Delivery Reviews, 2012, 64, 1579-1589.	6.6	240
273	Poly(ethylene oxide)–poly(styrene oxide)–poly(ethylene oxide) copolymers: Micellization, drug solubilization, and gelling features. Journal of Colloid and Interface Science, 2012, 387, 275-284.	5.0	18
274	Investigation and modeling effective parameters influencing the size of BSA protein nanoparticles as colloidal carrier. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 412, 96-100.	2.3	38
275	Nanoparticle therapeutics for prostate cancer treatment. Maturitas, 2012, 73, 27-32.	1.0	62
276	Polymeric nanomedicines based on poly(lactide) and poly(lactide-co-glycolide). Current Opinion in Solid State and Materials Science, 2012, 16, 323-332.	5.6	45
277	First passage times in homogeneous nucleation and self-assembly. Journal of Chemical Physics, 2012, 137, 244107.	1.2	40
278	Current and Forthcoming Applications of ROMP Polymers – Biorelated Polymers. , 2012, , 695-717.		4
279	Photoswitchable Nanoparticles for Triggered Tissue Penetration and Drug Delivery. Journal of the American Chemical Society, 2012, 134, 8848-8855.	6.6	413
280	α _V β ₃ Integrin-Targeted PLGA-PEG Nanoparticles for Enhanced Anti-tumor Efficacy of a Pt(IV) Prodrug. ACS Nano, 2012, 6, 4530-4539.	7.3	281
281	Aptamer-labeled PLGA nanoparticles for targeting cancer cells. Cancer Nanotechnology, 2012, 3, 1-12.	1.9	50

#	Article	IF	CITATIONS
282	Multifunctional Nanoparticles for Drug Delivery Applications. Nanostructure Science and Technology, 2012, , .	0.1	31
283	Multifunctional magnetic calcium phosphate nanoparticles for targeted platin delivery. Dalton Transactions, 2012, 41, 10777.	1.6	35
284	Quantum dot-aluminum phthalocyanine conjugates perform photodynamic reactions to kill cancer cells via fluorescence resonance energy transfer. Nanoscale Research Letters, 2012, 7, 386.	3.1	128
285	Intelligent design of multifunctional lipid-coated nanoparticle platforms for cancer therapy. Therapeutic Delivery, 2012, 3, 1429-1445.	1.2	38
287	Injectable Multistage Nanovectors for Enhancing Imaging Contrast and Directed Therapy. Nanostructure Science and Technology, 2012, , 201-223.	0.1	1
288	Pharmaceutical nanocrystals. Current Opinion in Chemical Engineering, 2012, 1, 102-107.	3.8	42
289	Nanoporous silicon nanoparticles for drug delivery applications. Microelectronic Engineering, 2012, 98, 626-629.	1.1	17
290	Polymeric Nanocarriers and Nanoreactors: A Survey of Possible Therapeutic Applications. Current Pharmaceutical Design, 2012, 18, 2622-2643.	0.9	15
291	Patenting Nanomedicines. , 2012, , .		3
292	Nanostructured Thin Film Polymer Devices for Constant-Rate Protein Delivery. Nano Letters, 2012, 12, 5355-5361.	4.5	47
293	Detoxifying Antitumoral Drugs via Nanoconjugation: The Case of Gold Nanoparticles and Cisplatin. PLoS ONE, 2012, 7, e47562.	1.1	86
294	Encapsulated nanoepigallocatechin-3-gallate and elemental selenium nanoparticles as paradigms for nanochemoprevention. International Journal of Nanomedicine, 2012, 7, 1711.	3.3	45
295	Preparation of Quantum Dot/Drug Nanoparticle Formulations for Traceable Targeted Delivery and Therapy. Theranostics, 2012, 2, 681-694.	4.6	106
296	Improving Oral Absorption Via Drug-Loaded Nanocarriers: Absorption Mechanisms, Intestinal Models and Rational Fabrication. Current Drug Metabolism, 2012, 14, 28-56.	0.7	1
297	The Involvement of Nano-Drug Delivery in Biosafety Issues. , 2012, 01, .		2
298	Preclinical evaluation of injectable sirolimus formulated with polymeric nanoparticle for cancer therapy. International Journal of Nanomedicine, 2012, 7, 2197.	3.3	29
299	Recent developments in multifunctional hybrid nanoparticles: opportunities and challenges in cancer therapy. Frontiers in Bioscience - Elite, 2012, E4, 529.	0.9	4
300	Nanobiotechnology and Nanostructured Therapeutic Delivery Systems. Recent Patents on Biomedical Engineering, 2012, 5, 29-40.	0.5	5

#	Article	IF	CITATIONS
301	Screening of different metal oxide nanoparticles reveals selective toxicity and inflammatory potential of silica nanoparticles in lung epithelial cells and macrophages. Nanotoxicology, 2013, 7, 259-273.	1.6	99
302	Targets and delivery methods for therapeutic angiogenesis in peripheral artery disease. Vascular Medicine, 2012, 17, 174-192.	0.8	58
303	Targeted polymeric therapeutic nanoparticles: design, development and clinical translation. Chemical Society Reviews, 2012, 41, 2971.	18.7	1,469
304	Targeted Drug Delivery––Quo Vadis?. Drug Development Research, 2012, 73, 59-65.	1.4	6
305	Preclinical Development and Clinical Translation of a PSMA-Targeted Docetaxel Nanoparticle with a Differentiated Pharmacological Profile. Science Translational Medicine, 2012, 4, 128ra39.	5.8	978
306	Aptamer-Functionalized Nanoparticles for Medical Applications: Challenges and Opportunities. ACS Nano, 2012, 6, 3670-3676.	7.3	149
307	Cardiovascular Nanomedicine: Challenges and Opportunities. , 2012, , 249-281.		3
308	Synthesis and Evaluation of Clickable Block Copolymers for Targeted Nanoparticle Drug Delivery. Molecular Pharmaceutics, 2012, 9, 2228-2236.	2.3	25
309	Templated Assembly of pH‣abile Polymerâ€Drug Particles for Intracellular Drug Delivery. Advanced Functional Materials, 2012, 22, 4718-4723.	7.8	124
310	Molecular Engineered Superâ€Nanodevices: Smart and Safe Delivery of Potent Drugs into Tumors. Advanced Materials, 2012, 24, 3639-3645.	11.1	111
311	Surfactant chain length effects on nanoparticles of biodegradable polymers for targeted drug delivery. AICHE Journal, 2012, 58, 3289-3297.	1.8	7
314	Functional Mesoporous Silica Nanoparticles for Photothermalâ€Controlled Drug Delivery Inâ€Vivo. Angewandte Chemie - International Edition, 2012, 51, 8373-8377.	7.2	290
315	Docetaxel Nanotechnology in Anticancer Therapy. ChemMedChem, 2012, 7, 952-972.	1.6	100
316	Hybrid QM/MM Molecular Dynamics Study of Benzocaine in a Membrane Environment: How Does a Quantum Mechanical Treatment of Both Anesthetic and Lipids Affect Their Interaction. Journal of Chemical Theory and Computation, 2012, 8, 2197-2203.	2.3	20
317	Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimer's Disease. ACS Nano, 2012, 6, 5866-5879.	7.3	127
318	Molecular Dynamics Simulation of PEGylated Bilayer Interacting with Salt Ions: A Model of the Liposome Surface in the Bloodstream. Journal of Physical Chemistry B, 2012, 116, 4212-4219.	1.2	64
319	Nanoparticles for Targeted and Temporally Controlled Drug Delivery. Nanostructure Science and Technology, 2012, , 9-29.	0.1	51
320	Development and Application of Anticancer Nanomedicine. Nanostructure Science and Technology, 2012, , 31-46.	0.1	4

#	Article	IF	CITATIONS
321	Enhanced transdermal delivery and optimization of nano-liposome preparation using hydrophilic drug. Journal of Pharmaceutical Investigation, 2012, 42, 57-63.	2.7	9
322	An implantable MEMS micropump system for drug delivery in small animals. Biomedical Microdevices, 2012, 14, 483-496.	1.4	133
323	Recent applications of starch derivatives in nanodrug delivery. Carbohydrate Polymers, 2012, 87, 987-994.	5.1	217
324	Poly(l-lysine)-based star-block copolymers as pH-responsive nanocarriers for anionic drugs. Colloids and Surfaces B: Biointerfaces, 2012, 95, 137-143.	2.5	26
325	Is there a clinical future for polymeric nanoparticles as brain-targeting drug delivery agents?. Drug Discovery Today, 2012, 17, 367-378.	3.2	87
326	Novel PLA modification of organic microcontainers based on ring opening polymerization: Synthesis, characterization, biocompatibility and drug loading/release properties. International Journal of Pharmaceutics, 2012, 428, 134-142.	2.6	33
327	Evaluation of surface deformability of lipid nanocapsules by drop tensiometer technique, and its experimental assessment by dialysis and tangential flow filtration. International Journal of Pharmaceutics, 2012, 434, 460-467.	2.6	18
328	Mitoxantrone-loaded zeolite beta nanoparticles: Preparation, physico-chemical characterization and biological evaluation. Journal of Colloid and Interface Science, 2012, 365, 33-40.	5.0	30
329	Co-delivery of antigen and a lipophilic anti-inflammatory drug to cells via a tailorable nanocarrier emulsion. Journal of Colloid and Interface Science, 2012, 368, 616-624.	5.0	18
330	Fluid dynamics modeling for synchronizing surface plasmon resonance and quartz crystal microbalance as tools for biomolecular and targeted drug delivery studies. Journal of Colloid and Interface Science, 2012, 378, 251-259.	5.0	18
331	Paclitaxel in tyrosine-derived nanospheres as a potential anti-cancer agent: In vivo evaluation of toxicity and efficacy in comparison with paclitaxel in Cremophor. European Journal of Pharmaceutical Sciences, 2012, 45, 320-329.	1.9	37
332	Quantitative control of targeting effect of anticancer drugs formulated by ligand-conjugated nanoparticles of biodegradable copolymer blend. Biomaterials, 2012, 33, 1948-1958.	5.7	59
333	Developing an antibody-binding protein cage as a molecular recognition drug modular nanoplatform. Biomaterials, 2012, 33, 5423-5430.	5.7	66
334	Redox/pH dual stimuli-responsive biodegradable nanohydrogels with varying responses to dithiothreitol and glutathione for controlled drug release. Biomaterials, 2012, 33, 6570-6579.	5.7	332
335	cRGD-functionalized mPEG-PLGA-PLL nanoparticles for imaging and therapy of breast cancer. Biomaterials, 2012, 33, 6739-6747.	5.7	89
336	A comparative assessment of α-lipoic acid N-phenylamides as non-steroidal androgen receptor antagonists both on and off gold nanoparticles. Bioorganic Chemistry, 2012, 40, 1-5.	2.0	17
337	New self-assembly nanoparticles and stealth liposomes for the delivery of zoledronic acid: a comparative study. Biotechnology Advances, 2012, 30, 302-309.	6.0	84
338	Microscopic characterization of peptide nanostructures. Micron, 2012, 43, 69-84.	1.1	41

#	Article	IF	CITATIONS
339	Development of a biodegradable nanoparticle platform for sildenafil: Formulation optimization by factorial design analysis combined with application of charge-modified branched polyesters. Journal of Controlled Release, 2012, 157, 469-477.	4.8	50
340	The journey of a drug-carrier in the body: An anatomo-physiological perspective. Journal of Controlled Release, 2012, 161, 152-163.	4.8	568
341	Accumulation of nanocarriers in the ovary: A neglected toxicity risk?. Journal of Controlled Release, 2012, 160, 105-112.	4.8	37
342	Delivery of drugs to cell membranes by encapsulation in PEG–PE micelles. Journal of Controlled Release, 2012, 160, 637-651.	4.8	78
343	Protein-based nanocarriers as promising drug and gene delivery systems. Journal of Controlled Release, 2012, 161, 38-49.	4.8	677
344	Folateâ€Conjugated Poly(<i>N</i> â€(2â€hydroxypropyl) methacrylamide)â€ <i>block</i> â€Poly(benzyl) Tj ETQq1 2012, 213, 557-565.	1 0.78431 1.1	14 rgBT /Ov 10
345	Kinetically Assembled Nanoparticles of Bioactive Macromolecules Exhibit Enhanced Stability and Cellâ€Targeted Biological Efficacy. Advanced Materials, 2012, 24, 733-739.	11.1	52
346	Quantumâ€Dotâ€Tagged Reduced Graphene Oxide Nanocomposites for Bright Fluorescence Bioimaging and Photothermal Therapy Monitored In Situ. Advanced Materials, 2012, 24, 1748-1754.	11.1	320
347	ImmunoPods: Polymer Shells with Native Antibody Cross‣inks. Angewandte Chemie - International Edition, 2012, 51, 1169-1172.	7.2	6
348	Caleosin-assembled oil bodies as a potential delivery nanocarrier. Applied Microbiology and Biotechnology, 2012, 93, 1905-1915.	1.7	16
349	Click Chemistry for Drug Delivery Nanosystems. Pharmaceutical Research, 2012, 29, 1-34.	1.7	164
350	Release behavior and toxicity profiles towards A549 cell lines of ciprofloxacin from its layered zinc hydroxide intercalation compound. Chemistry Central Journal, 2013, 7, 119.	2.6	44
351	SPECT/CT imaging of radiolabeled cubosomes and hexosomes forÂpotential theranostic applications. Biomaterials, 2013, 34, 8491-8503.	5.7	71
352	Culture of neural cells and stem cells on graphene. Tissue Engineering and Regenerative Medicine, 2013, 10, 39-46.	1.6	100
353	Surface modification of lipid nanocapsules with polysaccharides: From physicochemical characteristics to in vivo aspects. Acta Biomaterialia, 2013, 9, 6686-6693.	4.1	32
354	Photo-Triggered Release of Caged Camptothecin Prodrugs from Dually Responsive Shell Cross-Linked Micelles. Macromolecules, 2013, 46, 6243-6256.	2.2	145
355	Theoretical framework for nanoparticle uptake and accumulation kinetics in dividing cell populations. Europhysics Letters, 2013, 101, 38007.	0.7	26
356	Nanoparticle Adhesion to the Cell Membrane and Its Effect on Nanoparticle Uptake Efficiency. Journal of the American Chemical Society, 2013, 135, 1438-1444.	6.6	670

#	ARTICLE	IF	CITATIONS
357	Antibody Conjugated PLGA Nanoparticles for Targeted Delivery of Paclitaxel Palmitate: Efficacy and Biofate in a Lung Cancer Mouse Model. Small, 2013, 9, 4221-4236.	5.2	98
358	Paramagnetic liposomes for molecular MRI and MRIâ€guided drug delivery. NMR in Biomedicine, 2013, 26, 728-744.	1.6	85
359	DNA Nanotechnology. , 2013, , .		5
360	The Anti-Melanoma Efficiency of the Intratumoral Injection of Cucurbitacin-Loaded Sustained-Release Carriers: A PLGA Particle System. Journal of Pharmaceutical Sciences, 2013, 102, 2550-2563.	1.6	12
361	Challenges for Metals in Medicine: How Nanotechnology May Help To Shape the Future. ACS Nano, 2013, 7, 5654-5659.	7.3	132
362	Future of the Particle Replication in Nonwetting Templates (PRINT) Technology. Angewandte Chemie - International Edition, 2013, 52, 6580-6589.	7.2	170
363	The Complex Fate in Plasma of Gadolinium Incorporated into High-Density Lipoproteins Used for Magnetic Imaging of Atherosclerotic Plaques. Bioconjugate Chemistry, 2013, 24, 1039-1048.	1.8	10
364	Formation of artificial multicompartment vesosome and dendrosome as prospected drug and gene delivery carriers. Journal of Controlled Release, 2013, 170, 141-152.	4.8	67
365	Polymer Micelle Assisted Transport and Delivery of Model Hydrophilic Components inside a Biological Lipid Vesicle: A Coarse-Grain Simulation Study. Journal of Physical Chemistry B, 2013, 117, 12095-12104.	1.2	13
366	Polymer Prodrug Nanoparticles Based on Naturally Occurring Isoprenoid for Anticancer Therapy. Biomacromolecules, 2013, 14, 2837-2847.	2.6	55
367	Nanoparticleâ€Programmed Selfâ€Destructive Neural Stem Cells for Glioblastoma Targeting and Therapy. Small, 2013, 9, 4123-4129.	5.2	73
368	Role of integrated cancer nanomedicine in overcoming drug resistance. Advanced Drug Delivery Reviews, 2013, 65, 1784-1802.	6.6	288
369	Tunable self-assembled nanogels composed of well-defined thermoresponsive hyaluronic acid–polymer conjugates. Journal of Materials Chemistry B, 2013, 1, 3883.	2.9	31
370	Gold Nanoparticle–Protein Agglomerates as Versatile Nanocarriers for Drug Delivery. Small, 2013, 9, 3494-3505.	5.2	61
371	Nanoparticle systems as tools to improve drug delivery and therapeutic efficacy. Journal of Biomedical Materials Research - Part A, 2013, 101, 3646-3660.	2.1	75
372	Surface Immobilization of Engineered Nanomaterials for in Situ Study of their Environmental Transformations and Fate. Environmental Science & Technology, 2013, 47, 9308-9316.	4.6	28
373	Tuning the Mechanical Properties of Nanoporous Hydrogel Particles via Polymer Cross-Linking. Langmuir, 2013, 29, 9824-9831.	1.6	37
374	The role and mechanisms of nanoparticles to enhance radiosensitivity in hepatocellular cell. Biomedicine and Pharmacotherapy, 2013, 67, 569-575.	2.5	52

#	Article	IF	CITATIONS
375	Synthesis and Properties of Sulfonium Polyelectrolytes for Biological Applications. ACS Macro Letters, 2013, 2, 731-735.	2.3	38
376	Drug Delivery Systems: Advanced Technologies Potentially Applicable in Personalised Treatment. Advances in Predictive, Preventive and Personalised Medicine, 2013, , .	0.6	58
377	Liposomes in drug delivery: a patent review (2007 – present). Expert Opinion on Therapeutic Patents, 2013, 23, 1399-1414.	2.4	51
378	Combined Scanning Probe Nanotomography and Optical Microspectroscopy: A Correlative Technique for 3D Characterization of Nanomaterials. ACS Nano, 2013, 7, 8953-8962.	7.3	29
379	Surface Charge-Switchable Polymeric Magnetic Nanoparticles for the Controlled Release of Anticancer Drug. ACS Applied Materials & amp; Interfaces, 2013, 5, 7014-7024.	4.0	45
380	Enhanced Cellular Uptake of Peptide-Targeted Nanoparticles through Increased Peptide Hydrophilicity and Optimized Ethylene Glycol Peptide-Linker Length. ACS Nano, 2013, 7, 8115-8127.	7.3	72
381	Polymeric Micelles for Multidrug Delivery and Combination Therapy. Chemistry - A European Journal, 2013, 19, 12586-12601.	1.7	69
382	Modeling and experiments of magneto-nanosensors for diagnostics of radiation exposure and cancer. Biomedical Microdevices, 2013, 15, 665-671.	1.4	7
383	Triggered nanoparticles as therapeutics. Nano Today, 2013, 8, 439-447.	6.2	106
384	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. ACS Nano, 2013, 7, 7698-7710.	7.3	768
385	Microfluidic and lab-on-a-chip preparation routes for organic nanoparticles and vesicular systems for nanomedicine applications. Advanced Drug Delivery Reviews, 2013, 65, 1496-1532.	6.6	196
386	Low Dose of Amino-Modified Nanoparticles Induces Cell Cycle Arrest. ACS Nano, 2013, 7, 7483-7494.	7.3	82
387	Carbon Nanotube-Encapsulated Drug Penetration Through the Cell Membrane: An Investigation Based on Steered Molecular Dynamics Simulation. Journal of Membrane Biology, 2013, 246, 697-704.	1.0	45
388	A kind of modified bovine serum albumin with great potential for applying in gene delivery. Chinese Chemical Letters, 2013, 24, 659-662.	4.8	6
389	Enhancing tumor cell response to chemotherapy through nanoparticle-mediated codelivery of siRNA and cisplatin prodrug. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18638-18643.	3.3	302
390	Engineering a Hollow Nanocontainer Platform with Multifunctional Molecular Machines for Tumor-Targeted Therapy <i>in Vitro</i> and <i>in Vivo</i> . ACS Nano, 2013, 7, 10271-10284.	7.3	212
391	The Effect of Ligand Lipophilicity on the Nanoparticle Encapsulation of Pt(IV) Prodrugs. Inorganic Chemistry, 2013, 52, 9915-9920.	1.9	50
392	Characterization of Cell-Penetrating Lipopeptide Micelles by Spectroscopic Methods. Journal of Physical Chemistry B, 2013, 117, 14215-14225.	1.2	10

#	Article	IF	CITATIONS
393	Mesoporous Titanium Zirconium Oxide Nanospheres with Potential for Drug Delivery Applications. ACS Applied Materials & Interfaces, 2013, 5, 10926-10932.	4.0	43
394	Fundamentals of Pharmaceutical Nanoscience. , 2013, , .		16
395	Cellular nanotechnology: making biological interfaces smarter. Chemical Society Reviews, 2013, 42, 9207.	18.7	139
397	InÂvitro cytotoxicity and cellular uptake of curcumin-loaded Pluronic/Polycaprolactone micelles in colorectal adenocarcinoma cells. Journal of Biomaterials Applications, 2013, 27, 811-827.	1.2	64
398	Hyperbranched Conjugated Polyelectrolytes for Biological Sensing and Imaging. Macromolecular Rapid Communications, 2013, 34, 705-715.	2.0	28
399	Optimization of parameters for preparation of docetaxel-loaded PLGA nanoparticles by nanoprecipitation method. Journal of Huazhong University of Science and Technology [Medical Sciences], 2013, 33, 754-758.	1.0	16
400	Novel self-assembled lithocholic acid nanoparticles for drug delivery in cancer. RSC Advances, 2013, 3, 19760.	1.7	16
401	Multifunctional Nanovesicle-Bioactive Conjugates Prepared by a One-Step Scalable Method Using CO ₂ -Expanded Solvents. Nano Letters, 2013, 13, 3766-3774.	4.5	40
402	Biodegradable and amphiphilic block copolymer–doxorubicin conjugate as polymeric nanoscale drug delivery vehicle for breast cancer therapy. Biomaterials, 2013, 34, 8430-8443.	5.7	136
403	Versatile Immunomagnetic Nanocarrier Platform for Capturing Cancer Cells. ACS Nano, 2013, 7, 8816-8823.	7.3	111
404	Cyclodextrin/Paclitaxel Complex in Biodegradable Capsules for Breast Cancer Treatment. Chemistry of Materials, 2013, 25, 3867-3873.	3.2	62
405	Gold Nanocageâ€Based Dual Responsive "Caged Metal Chelator―Release System: Noninvasive Remote Control with Near Infrared for Potential Treatment of Alzheimer's Disease. Advanced Functional Materials, 2013, 23, 5412-5419.	7.8	72
406	Effect of particle size on the biodistribution of lipid nanocapsules: Comparison between nuclear and fluorescence imaging and counting. International Journal of Pharmaceutics, 2013, 453, 594-600.	2.6	54
408	Polymer conjugates with potential biological activity based on new derivatives of 2-mercaptobenzoxazole-synthesis and characterization. Open Chemistry, 2013, 11, 1808-1815.	1.0	1
409	Dual-responsive drug release from oligonucleotide-capped mesoporous silica nanoparticles. Biomaterials Science, 2013, 1, 912.	2.6	25
410	Adsorption and removal dynamics of polymeric micellar nanocarriers loaded with a therapeutic agent on silica surfaces. Soft Matter, 2013, 9, 10155.	1.2	26
411	Synthesis, characterization and in vitro evaluation of novel vitamin D3 nanoparticles as a versatile platform for drug delivery in cancer therapy. Journal of Materials Chemistry B, 2013, 1, 5742.	2.9	11
412	Synthesis of thermosensitive nanohydrogels by crosslinker free method based on N-isopropylacrylamide: Applicable in the naltrexone sustained release. Macromolecular Research, 2013, 21, 17-26.	1.0	14

#	Article	IF	CITATIONS
413	Design, functionalization strategies and biomedical applications of targeted biodegradable/biocompatible polymer-based nanocarriers for drug delivery. Chemical Society Reviews, 2013, 42, 1147-1235.	18.7	1,104
414	Magnetic Fe3O4–graphene composites as targeted drug nanocarriers for pH-activated release. Nanoscale, 2013, 5, 1143.	2.8	143
415	Can Controversial Nanotechnology Promise Drug Delivery?. Chemical Reviews, 2013, 113, 1686-1735.	23.0	181
416	Sub-100 nm biodegradable nanoparticles:in vitrorelease features and toxicity testing in 2D and 3D cell cultures. Nanotechnology, 2013, 24, 045101.	1.3	23

418	Gold nanoparticles: Emerging paradigm for targeted drug delivery system. Biotechnology Advances, 2013, 31, 593-606.	6.0	308
419	Following the Concentration of Polymeric Nanoparticles During Nebulization. Pharmaceutical Research, 2013, 30, 16-24.	1.7	26
420	Pharmaceutical Differences Between Block Copolymer Self-Assembled and Cross-Linked Nanoassemblies as Carriers for Tunable Drug Release. Pharmaceutical Research, 2013, 30, 478-488.	1.7	32
421	Wrapping and dispersion of multiwalled carbon nanotubes improves electrical conductivity of protein–nanotube composite biomaterials. Journal of Biomedical Materials Research - Part A, 2013, 101A, 231-238.	2.1	39
422	Mesoporous Block opolymer Nanospheres Prepared by Selective Swelling. Small, 2013, 9, 322-329.	5.2	37
423	Variable temperature multiple light scattering analysis to determine the enthalpic term of a reversible agglomeration in submicrometric colloidal formulations: A quick quantitative comparison of the relative physical stability. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 431, 93-104.	2.3	18
424	Microfluidic self-assembly of polymeric nanoparticles with tunable compactness for controlled drug delivery. Polymer, 2013, 54, 4972-4979.	1.8	70
425	Assessment of Cytotoxic Properties of Safranal and Nanoliposomal Safranal in Various Cancer Cell Lines. Phytotherapy Research, 2013, 27, 1868-1873.	2.8	42
426	InÂvivo anti-cancer efficacy of magnetite nanocrystal - based system using locoregional hyperthermia combined with 5-fluorouracil chemotherapy. Biomaterials, 2013, 34, 7873-7883.	5.7	91
427	Preparation of solid lipid nanoparticles containing active compound by electrohydrodynamic spraying. Food Research International, 2013, 53, 88-95.	2.9	58
428	Nanoparticle translocation across mouse alveolar epithelial cell monolayers: Species-specific mechanisms. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 786-794.	1.7	18
429	Zebrafish cancer and metastasis models for in vivo drug discovery. Drug Discovery Today: Technologies, 2013, 10, e83-e89.	4.0	34
430	Strategies to target tumors using nanodelivery systems based on biodegradable polymers, aspects of intellectual property, and market. Journal of Chemical Biology, 2013, 6, 7-23.	2.2	23

#	Article	IF	CITATIONS
432	On–off switchable drug release from multi-responsive degradable poly(ether urethane) nanoparticles. Biomaterials Science, 2013, 1, 614.	2.6	17
433	Mass production of highly monodisperse polymeric nanoparticles by parallel flow focusing system. Microfluidics and Nanofluidics, 2013, 15, 337-345.	1.0	42
434	A Systematic Analysis of Peptide Linker Length and Liposomal Polyethylene Glycol Coating on Cellular Uptake of Peptide-Targeted Liposomes. ACS Nano, 2013, 7, 2935-2947.	7.3	171
435	Nanohybridization of Low-Dimensional Nanomaterials: Synthesis, Classification, and Application. Critical Reviews in Solid State and Materials Sciences, 2013, 38, 1-56.	6.8	20
436	Alginateâ€Based Microcapsules with a Molecule Recognition Linker and Photosensitizer for the Combined Cancer Treatment. Chemistry - an Asian Journal, 2013, 8, 736-742.	1.7	29
437	The preparation and drug delivery of a graphene–carbon nanotube–Fe3O4 nanoparticle hybrid. Journal of Materials Chemistry B, 2013, 1, 2658.	2.9	96
438	Dual-function theranostic nanoparticles for drug delivery and medical imaging contrast: perspectives and challenges for use in lung diseases. Drug Delivery and Translational Research, 2013, 3, 352-363.	3.0	28
439	Ultrasonic gene and drug delivery using eLiposomes. Journal of Controlled Release, 2013, 167, 92-100.	4.8	71
440	Nano-graphene in biomedicine: theranostic applications. Chemical Society Reviews, 2013, 42, 530-547.	18.7	1,483
441	Nanotechnology meets electrophysiology. Current Opinion in Biotechnology, 2013, 24, 654-663.	3.3	11
442	Erythrocyte Incubation as a Method for Free-Dye Presence Determination in Fluorescently Labeled Nanoparticles. Molecular Pharmaceutics, 2013, 10, 875-882.	2.3	20
443	Toward the Next-Generation Nanomedicines: Design of Multifunctional Multiblock Polyurethanes for Effective Cancer Treatment. ACS Nano, 2013, 7, 1918-1928.	7.3	136
444	Bioceramics for drug delivery. Acta Materialia, 2013, 61, 890-911.	3.8	238
445	DNA Nanotechnology and Drug Delivery. , 2013, , 321-334.		1
447	Nanoparticles squeezing across the blood–endothelial barrier via caveolae. Therapeutic Delivery, 2013, 4, 131-133.	1.2	23
448	Dendrimer space concept for innovative nanomedicine: A futuristic vision for medicinal chemistry. Progress in Polymer Science, 2013, 38, 993-1008.	11.8	104
449	Cytotoxicity of PMMAâ€Based Nanoparticles Synthesized Adopting SDS and Tween 80. Macromolecular Symposia, 2013, 324, 134-139.	0.4	12
450	Targeted and pHâ€Responsive Delivery of Doxorubicin to Cancer Cells Using Multifunctional Dendrimerâ€Modified Multiâ€Walled Carbon Nanotubes. Advanced Healthcare Materials, 2013, 2, 1267-1276.	3.9	105

	Сітатіс	CITATION REPORT	
#	Article	IF	CITATIONS
451	Silicon Micro―and Nanofabrication for Medicine. Advanced Healthcare Materials, 2013, 2, 632-666.	3.9	67
452	Mechanism of transport of saquinavir-loaded nanostructured lipid carriers across the intestinal barrier. Journal of Controlled Release, 2013, 166, 115-123.	4.8	176
453	Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. Journal of Colloid and Interface Science, 2013, 393, 1-20.	5.0	269
454	Polymers in Drug Delivery: Concepts, Developments and Potential. Advances in Predictive, Preventive and Personalised Medicine, 2013, , 1-34.	0.6	2
456	A Highly Crystalline Manganeseâ€Doped Iron Oxide Nanocontainer with Predesigned Void Volume and Shape for Theranostic Applications. Advanced Materials, 2013, 25, 3202-3208.	11.1	31
457	cRGD-functionalized polymeric magnetic nanoparticles as a dual-drug delivery system for safe targeted cancer therapy. Pharmacological Research, 2013, 70, 102-115.	3.1	98
458	Biocompatibility and levofloxacin delivery of mesoporous materials. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 115-124.	2.0	45
459	Smart Drug Delivery Nanocarriers with Selfâ€Assembled DNA Nanostructures. Advanced Materials, 2013, 25, 4386-4396.	11.1	378
460	Nanoformulation of natural products for prevention and therapy of prostate cancer. Cancer Letters, 2013, 334, 142-151.	3.2	48
461	Nanoparticles with Inâ€Vivo Anticancer Activity from Polymer Prodrug Amphiphiles Prepared by Living Radical Polymerization. Angewandte Chemie - International Edition, 2013, 52, 1678-1682.	7.2	83
462	Photothermal nanodrugs: potential of TNF-gold nanospheres for cancer theranostics. Scientific Reports, 2013, 3, 1293.	1.6	121
463	Erythrocyte membrane-cloaked polymeric nanoparticles for controlled drug loading and release. Nanomedicine, 2013, 8, 1271-1280.	1.7	166
464	Reconstructed Stem Cell Nanoghosts: A Natural Tumor Targeting Platform. Nano Letters, 2013, 13, 3248-3255.	4.5	228
465	Nanomedicines for Diagnosis and Treatment of Prostate Cancer. , 2013, , 203-217.		2
466	pH-triggered intracellular release from actively targeting polymer micelles. Biomaterials, 2013, 34, 4544-4554.	5.7	204
467	Dendrimers as macromolecular tools to tackle from colon to brain tumor types: a concise overview. New Journal of Chemistry, 2013, 37, 3337.	1.4	46
468	Supramolecular self-assemblies as functional nanomaterials. Nanoscale, 2013, 5, 7098.	2.8	610
469	Polymeric theranostics: using polymer-based systems for simultaneous imaging and therapy. Journal of Materials Chemistry B, 2013, 1, 3002.	2.9	121

#	Article	IF	CITATIONS
470	Dendronized heparinâ^'doxorubicin conjugate based nanoparticle asÂpH-responsive drug delivery system for cancer therapy. Biomaterials, 2013, 34, 2252-2264.	5.7	233
471	Mesoporous silicananoparticles for the design of smart delivery nanodevices. Biomaterials Science, 2013, 1, 114-134.	2.6	224
472	Conjugated Polymer Amplified Farâ€Red/Nearâ€Infrared Fluorescence from Nanoparticles with Aggregationâ€Induced Emission Characteristics for Targeted In Vivo Imaging. Advanced Healthcare Materials, 2013, 2, 500-507.	3.9	113
473	Modular Synthesis of Amphiphilic Janus Clycodendrimers and Their Self-Assembly into Clycodendrimersomes and Other Complex Architectures with Bioactivity to Biomedically Relevant Lectins. Journal of the American Chemical Society, 2013, 135, 9055-9077.	6.6	261
474	Biomedical. Interface Science and Technology, 2013, 19, 385-427.	1.6	2
475	Investigating the evolution of drug mediated silver nanoparticles. Analyst, The, 2013, 138, 4270.	1.7	10
476	Shear Stress and Its Effect on the Interaction of Myoblast Cells with Nanosized Drug Delivery Vehicles. Molecular Pharmaceutics, 2013, 10, 2707-2712.	2.3	39
477	Surface energy of phospholipid bilayers and the correlation to their hydration. Journal of Colloid and Interface Science, 2013, 390, 267-274.	5.0	7
478	F3 peptide-functionalized PEG-PLA nanoparticles co-administrated with tLyp-1 peptide for anti-glioma drug delivery. Biomaterials, 2013, 34, 1135-1145.	5.7	174
479	The potential of self-assembled, pH-responsive nanoparticles of mPEGylated peptide dendron–doxorubicin conjugates for cancer therapy. Biomaterials, 2013, 34, 1613-1623.	5.7	247
480	Synthesis and characterization of near IR fluorescent albumin nanoparticles for optical detection of colon cancer. Materials Science and Engineering C, 2013, 33, 923-931.	3.8	27
481	The Effect of the Hydrophilic/Hydrophobic Ratio of Polymeric Micelles on their Endocytosis Pathways into Cells. Macromolecular Bioscience, 2013, 13, 789-798.	2.1	41
482	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. Biomedical Microdevices, 2013, 15, 299-309.	1.4	22
483	New Methods for Improved Characterization of Silica Nanoparticle-Based Drug Delivery Systems. Langmuir, 2013, 29, 15386-15393.	1.6	39
484	Functionalized selenium nanoparticles with nephroprotective activity, the important roles of ROS-mediated signaling pathways. Journal of Materials Chemistry B, 2013, 1, 6365.	2.9	62
485	Engineering discoidal polymeric nanoconstructs with enhanced magneto-optical properties for tumor imaging. Biomaterials, 2013, 34, 5402-5410.	5.7	41
486	Synthesis of Nanobioconjugates with a Controlled Average Number of Biomolecules between 1 and 100 per Nanoparticle and Observation of Multivalency Dependent Interaction with Proteins and Cells. Langmuir, 2013, 29, 13917-13924.	1.6	32
487	Lysine Addressability and Mammalian Cell Interactions of Bacteriophage λ Procapsids. Biomacromolecules, 2013, 14, 4169-4176.	2.6	13

ARTICLE IF CITATIONS Interface Properties of Organic <i>para</i>-Hexaphenyl/α-Sexithiophene Heterostructures Deposited on 488 8 1.6 Highly Oriented Pyrolytic Graphite. Langmuir, 2013, 29, 14444-14450. Noninvasive Optical Imaging of Nanomedicine Biodistribution. ACS Nano, 2013, 7, 252-262. 489 Nanostructured porous silicon in preclinical imaging: Moving from bench to bedside. Journal of 490 1.2 54 Materials Research, 2013, 28, 152-164. Improving Oral Absorption Via Drug-Loaded Nanocarriers: Absorption Mechanisms, Intestinal Models and Rational Fabrication. Current Drug Metabolism, 2013, 14, 28-56. Visible and near infrared resonance plasmonic enhanced nanosecond laser optoporation of cancer 492 1.5 33 cells. Biomedical Optics Express, 2013, 4, 490. Chemically conjugated sophorolipids on CdTe QDs: a biocompatible photoluminescence 493 1.7 nanocomposite for theranostic applications. RSC Advances, 2013, 3, 22319. Polyacrylic Acid Functionalized Nanographene as a Nanocarrier for Loading and Controlled Release 494 1.5 17 of Doxorubicin Hydrochloride. Journal of Nanomaterials, 2013, 2013, 1-8. Enhanced Therapeutic Efficacy of iRGD-Conjugated Crosslinked Multilayer Liposomes for Drug Delivery. BioMed Research International, 2013, 2013, 1-11. Nanotechnology approaches for ocular drug delivery. Middle East African Journal of Ophthalmology, 496 0.5 97 2013, 20, 26. Ferulic Acid-Loaded Shellac Microparticles Prepared Using Electrohydrodynamic Atomization. Advanced Materials Research, 0, 675, 326-330 Lipid-Based Nanoparticles in Cancer Diagnosis and Therapy. Journal of Drug Delivery, 2013, 2013, 1-9. 498 2.5 68 Fast Disintegrating Quercetin-Loaded Drug Delivery Systems Fabricated Using Coaxial Electrospinning. 499 1.8 International Journal of Molecular Sciences, 2013, 14, 21647-21659. Preparation of Interface-Cross-Linked Micelles as Drug Delivery via RAFT Polymerization. Advanced 500 0.3 0 Materials Research, 0, 716, 147-152. Polymeric Micelles, a Promising Drug Delivery System to Enhance Bioavailability of Poorly 2.5 Water-Soluble Drugs. Journal of Drug Delivery, 2013, 2013, 1-15. 502 Gene Delivery by Liposomes. Israel Journal of Chemistry, 2013, 53, 737-747. 1.0 13 Biomedical nanomaterials in tissue engineering., 2013, , 1-25e. pHâ€Responsive Drug Delivery by Amphiphilic Copolymer through Boronate–Catechol Complexation. 504 1.327 ChemPlusChem, 2013, 78, 175-184. Engineering nanoporous biomaterials., 2013, , 64-88.

CITATION REPORT

#

#	Article	IF	CITATIONS
506	Selfâ€assembly and responsiveness of polypeptideâ€based block copolymers: How "Smart―behavior and topological complexity yield unique assembly in aqueous media. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 508-523.	2.4	30
507	Proteins and Carbohydrates as Polymeric Nanodrug Delivery Systems: Formulation, Properties, and Toxicological Evaluation. Advances in Polymer Science, 2013, , 241-267.	0.4	6
508	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6506-6511.	3.3	184
509	Oral delivery system prolongs blood circulation of docetaxel nanocapsules via lymphatic absorption. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17498-17503.	3.3	119
510	The evolutionary development in drug discovery and delivery. Journal of Drug Delivery Science and Technology, 2013, 23, 195-205.	1.4	3
512	Distance estimation in concentration-based molecular communications. , 2013, , .		11
514	Advanced drug delivery systems for antithrombotic agents. Blood, 2013, 122, 1565-1575.	0.6	78
516	Chemistry of conjugation to gold nanoparticles affects G-protein activity differently. Journal of Nanobiotechnology, 2013, 11, 7.	4.2	16
518	Aerodynamics and Deposition Effects of Inhaled Submicron Drug Aerosol in Airway Diseases. Recent Patents on Inflammation and Allergy Drug Discovery, 2013, 7, 49-61.	3.9	9
519	Engineered RNA Nanodesigns for Applications in RNA Nanotechnology. DNA and RNA Nanotechnology, 2013, 1, 1-15.	0.7	25
520	Design Considerations for Chemotherapeutic Drug Nanocarriers. Pharmaceutica Analytica Acta, 2013, 05, .	0.2	2
521	Particle platforms for cancer immunotherapy. International Journal of Nanomedicine, 2013, 8, 1683.	3.3	48
522	Tumor-specific hyperthermia with aptamer-tagged superparamagnetic nanoparticles. International Journal of Nanomedicine, 2013, 9, 67.	3.3	49
523	Codelivery of zoledronic acid and double-stranded RNA from core-shell nanoparticles. International Journal of Nanomedicine, 2013, 8, 137.	3.3	14
524	Fabrication and Intracellular Delivery of Doxorubicin/Carbonate Apatite Nanocomposites: Effect on Growth Retardation of Established Colon Tumor. PLoS ONE, 2013, 8, e60428.	1.1	40
525	Synthesis of Luminescent Near-Infrared AgInS ₂ Nanocrystals as Optical Probes for In Vivo Applications. Theranostics, 2013, 3, 109-115.	4.6	44
526	Gold Nanoparticle-Based Drug Delivery Platform for Antineoplastic Chemotherapy. Current Drug Metabolism, 2014, 15, 620-631.	0.7	45
527	Nanoparticles and the Mononuclear Phagocyte System: Pharmacokinetics and Applications for Inflammatory Diseases. Current Rheumatology Reviews, 2014, 10, 22-34.	0.4	77

#	Article	IF	Citations
528	Organic Nanovesicular Cargoes for Sustained Drug Delivery: Synthesis, Vesicle Formation, Controlling "Pearling―States, and Terfenadine Loading/Release Studies. Journal of Nanotechnology, 2014, 2014, 1-13.	1.5	0
529	The co-delivery of a low-dose P-glycoprotein inhibitor with doxorubicin sterically stabilized liposomes against breast cancer with low P-glycoprotein expression. International Journal of Nanomedicine, 2014, 9, 3425.	3.3	17
530	Nanoparticle-assisted Controlled Drug Release. Journal of Nanomedicine & Biotherapeutic Discovery, 2014, 04, .	0.6	0
531	Cytotoxic Effects of Drug-loaded Hyaluronan-Glutaraldehyde Cross-Linked Nanoparticles and the Release Kinetics Modeling. Journal of Advanced Chemical Engineering, 2014, 04, .	0.1	1
532	Nanoparticulate Drug Delivery Sytem for Cancer Therapy: Oppourtunities and Challenges. Recent Patents on Nanomedicine, 2014, 4, 32-45.	0.5	0
533	Polymeric Nanocarriers for the Oral Delivery of Bioactives. Current Drug Therapy, 2014, 9, 21-34.	0.2	2
534	High Content Screening and Analysis with Nanotechnologies. , 2014, , 379-389.		1
540	Polymeric Biomaterials for Medical Diagnostics in the Central Nervous System. , 2014, , 373-386.		1
541	Surface association and uptake of poly(lactic-co-glycolic) acid nanoparticles by Aspergillus flavus. Therapeutic Delivery, 2014, 5, 1179-1190.	1.2	3
543	Targeted Delivery System of Nanobiomaterials in Anticancer Therapy: From Cells to Clinics. BioMed Research International, 2014, 2014, 1-23.	0.9	58
544	Functional Nanoparticles in Targeting Glioma Diagnosis and Therapies. Journal of Nanoscience and Nanotechnology, 2014, 14, 415-432.	0.9	80
545	Copperâ€64â€Alloyed Gold Nanoparticles for Cancer Imaging: Improved Radiolabel Stability and Diagnostic Accuracy. Angewandte Chemie - International Edition, 2014, 53, 156-159.	7.2	129
546	Nano-Oncologicals. Advances in Delivery Science and Technology, 2014, , .	0.4	7
548	Regulatory Aspects of Oncologicals: Nanosystems Main Challenges. Advances in Delivery Science and Technology, 2014, , 425-452.	0.4	14
549	Effects of Tumor Microenvironment Heterogeneity on Nanoparticle Disposition and Efficacy in Breast Cancer Tumor Models. Clinical Cancer Research, 2014, 20, 6083-6095.	3.2	89
550	Nanomedicine for Global Health. Journal of the Association for Laboratory Automation, 2014, 19, 511-516.	2.8	15
551	Influence of nanostructure composition on its morphometric characterization by different techniques. Microscopy Research and Technique, 2014, 77, 691-696.	1.2	6
552	Nanomedicine. Nanostructure Science and Technology, 2014, , .	0.1	21

#	Article	IF	CITATIONS
553	Size and charge of nanoparticles following incubation with human plasma of healthy and pancreatic cancer patients. Colloids and Surfaces B: Biointerfaces, 2014, 123, 673-678.	2.5	59
554	Porous Polyurea Network Showing Aggregation Induced White Light Emission, Applications as Biosensor and Scaffold for Drug Delivery. ACS Applied Materials & Interfaces, 2014, 6, 22569-22576.	4.0	49
555	Nanodiamond-DGEA peptide conjugates for enhanced delivery of doxorubicin to prostate cancer. Beilstein Journal of Nanotechnology, 2014, 5, 937-945.	1.5	37
556	Chitosan-decorated selenium nanoparticles as protein carriers to improve the in vivo half-life of the peptide therapeutic BAY 55-9837 for type 2 diabetes mellitus. International Journal of Nanomedicine, 2014, 9, 4819.	3.3	29
557	Bio-nano complexes of ZVFeNPs/Fe-s-M13 and Cd (II)/Cd-s-M13 accelerate Cd (II) reduction by FeNPs through dual dispersing and separate deposition. Materials Research Express, 2014, 1, 015043.	0.8	3
558	Genetically engineering encapsulin protein cage nanoparticle as a SCC-7 cell targeting optical nanoprobe. Biomaterials Research, 2014, 18, 21.	3.2	34
559	Facile synthesis, pharmacokinetic and systemic clearance evaluation, and positron emission tomography cancer imaging of ⁶⁴ Cu–Au alloy nanoclusters. Nanoscale, 2014, 6, 13501-13509.	2.8	76
560	Robotic UV-Vis apparatus for long-term characterization of drug release from nanochannels. Measurement Science and Technology, 2014, 25, 027003.	1.4	12
561	Electrosprayed PVP/Shellac Composite Medicated Microparticles for Providing Biphasic Drug Release Profile. Applied Mechanics and Materials, 0, 633-634, 562-566.	0.2	1
562	Health hazards associated with nanomaterials. Toxicology and Industrial Health, 2014, 30, 499-519.	0.6	46
563	Tiny Medicine. , 2014, , 713-747.		1
564	Multifunctional nanoparticles for brain tumor imaging and therapy. Advanced Drug Delivery Reviews, 2014, 66, 42-57.	6.6	276
565	Synthesis and Biomedical Applications of Copper Sulfide Nanoparticles: From Sensors to Theranostics. Small, 2014, 10, 631-645.	5.2	380
566	Cytotoxicity and apoptotic effects of tea polyphenol-loaded chitosan nanoparticles on human hepatoma HepG2 cells. Materials Science and Engineering C, 2014, 36, 7-13.	3.8	30
567	Tumour targeting of lipid nanocapsules grafted with cRGD peptides. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 152-159.	2.0	22
568	Mitigating biofouling on thin-film composite polyamide membranes using a controlled-release platform. Journal of Membrane Science, 2014, 453, 84-91.	4.1	34
569	Heparin-functionalized polymeric biomaterials in tissue engineering and drug delivery applications. Acta Biomaterialia, 2014, 10, 1588-1600.	4.1	284
570	Tumor Endothelial Marker Imaging in Melanomas Using Dual-Tracer Fluorescence Molecular Imaging. Molecular Imaging and Biology, 2014, 16, 372-382.	1.3	22

#	Article	IF	CITATIONS
571	Vitamin E-based nanomedicines for anti-cancer drug delivery. Journal of Controlled Release, 2014, 182, 33-44.	4.8	211
572	Effects of PEG tethering chain length of vitamin E TPGS with a Herceptin-functionalized nanoparticle formulation for targeted delivery of anticancer drugs. Biomaterials, 2014, 35, 3340-3347.	5.7	65
573	Prevention of vascular inflammation by nanoparticle targeting of adherent neutrophils. Nature Nanotechnology, 2014, 9, 204-210.	15.6	232
574	Controlled release of doxorubicin from graphene oxide based charge-reversal nanocarrier. Biomaterials, 2014, 35, 4185-4194.	5.7	275
575	Nanopreparations for organelle-specific delivery in cancer. Advanced Drug Delivery Reviews, 2014, 66, 26-41.	6.6	237
576	Anti HIV nanoemulsion formulation: Optimization and in vitro–in vivo evaluation. International Journal of Pharmaceutics, 2014, 462, 129-134.	2.6	48
577	Bridging cancer biology and the patients' needs with nanotechnology-based approaches. Cancer Treatment Reviews, 2014, 40, 626-635.	3.4	40
578	Enzymeâ€Responsive Intracellularâ€Controlled Release Using Silica Mesoporous Nanoparticles Capped with εâ€Polyâ€≺scp>Lâ€lysine. Chemistry - A European Journal, 2014, 20, 5271-5281.	1.7	78
579	Development of P22 Viral Capsid Nanocomposites as Antiâ€ <scp>C</scp> ancer Drug, Bortezomib (<scp>BTZ</scp>), Delivery Nanoplatforms. Macromolecular Bioscience, 2014, 14, 557-564.	2.1	27
580	Hydrophobic penetrating peptide PFVYLI-modified stealth liposomes for doxorubicin delivery in breast cancer therapy. Biomaterials, 2014, 35, 2283-2294.	5.7	89
581	Passive versus Active Tumor Targeting Using RGD- and NGR-Modified Polymeric Nanomedicines. Nano Letters, 2014, 14, 972-981.	4.5	272
583	The Role of Payload Hydrophobicity in Nanotherapeutic Pharmacokinetics. Journal of Pharmaceutical Sciences, 2014, 103, 2147-2156.	1.6	18
584	Interaction of stable colloidal nanoparticles with cellular membranes. Biotechnology Advances, 2014, 32, 679-692.	6.0	62
585	Protein Nanoparticles for Intracellular Delivery of Therapeutic Enzymes. Journal of Pharmaceutical Sciences, 2014, 103, 1863-1871.	1.6	59
586	Amyloid-based nanosensors and nanodevices. Chemical Society Reviews, 2014, 43, 5326.	18.7	152
587	Vascular Targeting of Nanocarriers: Perplexing Aspects of the Seemingly Straightforward Paradigm. ACS Nano, 2014, 8, 4100-4132.	7.3	154
588	Preparation and pharmaceutical evaluation of nano-fiber matrix supported drug delivery system using the solvent-based electrospinning method. International Journal of Pharmaceutics, 2014, 464, 243-251.	2.6	45
589	Is nanotechnology a boon for oral drug delivery?. Drug Discovery Today, 2014, 19, 1530-1546.	3.2	122

ARTICLE IF CITATIONS # Stimulus-responsive polymeric micelles for the light-triggered release of drugs. Carbohydrate 590 5.1 39 Polymers, 2014, 103, 510-519. Ultra-High Throughput Synthesis of Nanoparticles with Homogeneous Size Distribution Using a 591 7.3 Coaxial Turbulent Jet Mixer. ACS Nano, 2014, 8, 6056-6065. Platinum on Nanodiamond: A Promising Prodrug Conjugated with Stealth Polyglycerol, Targeting 592 7.8 106 Peptide and Acidâ€Responsive Antitumor Drug. Advanced Functional Materials, 2014, 24, 5348-5357. Virus Hybrids as Nanomaterials. Methods in Molecular Biology, 2014, , . 0.4 Emerging methods for the fabrication of polymer capsules. Advances in Colloid and Interface Science, 594 7.0 172 2014, 207, 14-31. Caged protein nanoparticles for drug delivery. Current Opinion in Biotechnology, 2014, 28, 75-82. 3.3 153 Probing nanoparticle translocation across the permeable endothelium in experimental 596 atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 3.3 171 2014, 111, 1078-1083. Redox-responsive polyanhydride micelles for cancer therapy. Biomaterials, 2014, 35, 3080-3090. 5.7 127 Recent trends in the design of anticancer polymer prodrug nanocarriers. Polymer Chemistry, 2014, 5, 598 1.9 246 1529-1544. Flow field-flow fractionation for the analysis of nanoparticles used in drug delivery. Journal of 599 1.4 79 Pharmaceutical and Biomedical Analysis, 2014, 87, 53-61. The emergence of the nanobiotechnology industry. Nature Nanotechnology, 2014, 9, 2-5. 600 15.634 Pharmaceutical and Toxicological Properties of Engineered Nanomaterials for Drug Delivery. Annual 4.2 Review of Pharmacology and Toxicology, 2014, 54, 581-598. Bioengineered Bacterial Outer Membrane Vesicles as Cell-Specific Drug-Delivery Vehicles for Cancer 602 7.3 373 Therapy. ACS Nano, 2014, 8, 1525-1537. Pharmacoinformatic approaches to understand complexation of dendrimeric nanoparticles with 2.8 42 drugs. Nanoscale, 2014, 6, 2476. Cancer nanotechnology: The impact of passive and active targeting in the era of modern cancer 604 2.275 6.6 biology. Advanced Drug Delivery Reviews, 2014, 66, 2-25. The enhanced longevity and liver targetability of Paclitaxel by hybrid liposomes encapsulating Paclitaxel-conjugated gold nanoparticles. International Journal of Pharmaceutics, 2014, 477, 408-415. Therapeutic Impact of Erythropoietin-Encapsulated Liposomes Targeted to Bone Marrow on Renal 606 2.37 Anemia. Molecular Pharmaceutics, 2014, 11, 4238-4248. Novel aspects of encapsulation and delivery using polymersomes. Current Opinion in Pharmacology, 114 2014, 18, 104-111.

#	Article	IF	CITATIONS
608	The Combination of Chemotherapy and Radiotherapy towards More Efficient Drug Delivery. Chemistry - an Asian Journal, 2014, 9, 48-57.	1.7	72
609	Developing Genetically Engineered Encapsulin Protein Cage Nanoparticles as a Targeted Delivery Nanoplatform. Biomacromolecules, 2014, 15, 3794-3801.	2.6	116
610	Hydrogen Peroxide Mechanosynthesis in Siloxane-Hydrogel Contact Lenses. ACS Applied Materials & Interfaces, 2014, 6, 19606-19612.	4.0	13
611	Cathepsinâ€B Induced Controlled Release from Peptideâ€Capped Mesoporous Silica Nanoparticles. Chemistry - A European Journal, 2014, 20, 15309-15314.	1.7	50
612	Self-assembled, redox-sensitive, H-shaped pegylated methotrexate conjugates with high drug-carrying capability for intracellular drug delivery. MedChemComm, 2014, 5, 147-152.	3.5	19
613	Near-infrared light-responsive supramolecular nanovalve based on mesoporous silica-coated gold nanorods. Chemical Science, 2014, 5, 2804.	3.7	219
614	Biomolecules-conjugated nanomaterials for targeted cancer therapy. Journal of Materials Chemistry B, 2014, 2, 8452-8465.	2.9	22
615	Suppression of nanoparticle cytotoxicity approaching in vivo serum concentrations: limitations of in vitro testing for nanosafety. Nanoscale, 2014, 6, 14180-14184.	2.8	81
616	Multifunctional squalene-based prodrug nanoparticles for targeted cancer therapy. Chemical Communications, 2014, 50, 5336-5338.	2.2	56
617	Chemical modification of inorganic nanostructures for targeted and controlled drug delivery in cancer treatment. Journal of Materials Chemistry B, 2014, 2, 452-470.	2.9	108
618	Shieldable Tumor Targeting Based on pH Responsive Self-Assembly/Disassembly of Gold Nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 17865-17876.	4.0	65
619	Biophysical inhibition of pulmonary surfactant function by polymeric nanoparticles: Role of surfactant protein B and C. Acta Biomaterialia, 2014, 10, 4678-4684.	4.1	25
620	Radiolabelled nanohydroxyapatite with 99mTc: perspectives to nanoradiopharmaceuticals construction. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 88-91.	1.9	32
621	Photo-tuning of highly selective wetting in inverse opals. Soft Matter, 2014, 10, 1325-1328.	1.2	20
622	Differential uptake of nanoparticles by endothelial cells through polyelectrolytes with affinity for caveolae. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2942-2947.	3.3	174
623	Chemically modifiable N-heterocycle-functionalized polycarbonates as a platform for diverse smart biomimetic nanomaterials. Chemical Science, 2014, 5, 3294-3300.	3.7	38
624	A photoacoustic approach for monitoring the drug release of pH-sensitive poly(β-amino ester)s. Journal of Materials Chemistry B, 2014, 2, 6271-6282.	2.9	36
625	Supramolecular nanoparticle carriers self-assembled from cyclodextrin- and adamantane-functionalized polyacrylates for tumor-targeted drug delivery. Journal of Materials Chemistry B, 2014, 2, 1879.	2.9	73

#	Article	IF	CITATIONS
626	The liposome–protein corona in mice and humans and its implications for in vivo delivery. Journal of Materials Chemistry B, 2014, 2, 7419-7428.	2.9	85
627	Silver nanoparticle loaded PLGA composite nanoparticles for improving therapeutic efficacy of recombinant IFNÎ ³ by targeting the cell surface. Biomaterials Science, 2014, 2, 1080.	2.6	20
628	Smart nanocarrier from norbornene based triblock copolymers for the sustained release of multi-cancer drugs. RSC Advances, 2014, 4, 45625-45634.	1.7	11
629	Interaction with a Cold Surface Reshapes the Free Energy Landscape of Alanine Dipeptide. Journal of Physical Chemistry C, 2014, 118, 11357-11364.	1.5	29
630	Multifunctional Lactobionic Acid-Modified Dendrimers for Targeted Drug Delivery to Liver Cancer Cells: Investigating the Role Played by PEG Spacer. ACS Applied Materials & Interfaces, 2014, 6, 16416-16425.	4.0	133
631	Transferrin-conjugated nanodiamond as an intracellular transporter of chemotherapeutic drug and targeting therapy for cancer cells. Therapeutic Delivery, 2014, 5, 511-524.	1.2	33
633	Multidentate Block-Copolymer-Stabilized Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Enhanced Colloidal Stability for Magnetic Resonance Imaging. Biomacromolecules, 2014, 15, 2146-2156.	2.6	60
634	Engineered Nanoparticles for Drug Delivery in Cancer Therapy. Angewandte Chemie - International Edition, 2014, 53, 12320-12364.	7.2	1,447
635	Therapeutic Effect of Folate-Targeted and PEGylated Phytosomes Loaded with a Mitomycin C–Soybean Phosphatidyhlcholine Complex. Molecular Pharmaceutics, 2014, 11, 3017-3026.	2.3	42
637	pH-Sensitive Nanoformulated Triptolide as a Targeted Therapeutic Strategy for Hepatocellular Carcinoma. ACS Nano, 2014, 8, 8027-8039.	7.3	113
638	Enzyme-responsive nanomaterials for controlled drug delivery. Nanoscale, 2014, 6, 12273-12286.	2.8	456
639	Nanoparticles based on naturally-occurring biopolymers as versatile delivery platforms for delicate bioactive molecules: An application for ocular gene silencing. International Journal of Pharmaceutics, 2014, 477, 12-20.	2.6	15
640	Preparation and characterization of mPEG grafted chitosan micelles as 5-fluorouracil carriers for effective anti-tumor activity. Chinese Chemical Letters, 2014, 25, 1435-1440.	4.8	41
641	Nanomedicine in the management of microbial infection – Overview and perspectives. Nano Today, 2014, 9, 478-498.	6.2	286
642	Evaluation of Biocompatibility of the AC8 Peptide and Its Potential Use as a Drug Carrier. Molecular Pharmaceutics, 2014, 11, 3409-3420.	2.3	7
643	Solid Lipid Nanoparticle Formulations of Docetaxel Prepared with High Melting Point Triglycerides: <i>In Vitro</i> and <i>in Vivo</i> Evaluation. Molecular Pharmaceutics, 2014, 11, 1239-1249.	2.3	90
644	Tunable Degradation Behavior of PEGylated Polyester-Based Nanoparticles Obtained Through Emulsion Free Radical Polymerization Industrial & Engineering Chemistry Research, 2014, 53, 9128-9135.	1.8	42
645	Tumor-Penetrating Peptide Mediation: An Effective Strategy for Improving the Transport of Liposomes in Tumor Tissue. Molecular Pharmaceutics, 2014, 11, 218-225.	2.3	33

# 646	ARTICLE Redox-Sensitive Materials for Drug Delivery: Targeting the Correct Intracellular Environment, Tuning Release Rates, and Appropriate Predictive Systems. Antioxidants and Redox Signaling, 2014, 21, 786-803.	IF 2.5	CITATIONS
647	Recombinant lipoproteins reinforce cytotoxicity of doxorubicin to hepatocellular carcinoma. Journal of Drug Targeting, 2014, 22, 76-85.	2.1	13
648	Cationic versus Anionic Surfactant in Tuning the Structure and Interaction of Nanoparticle, Protein, and Surfactant Complexes. Langmuir, 2014, 30, 9941-9950.	1.6	27
649	DNA Nanostructureâ€Based Imaging Probes and Drug Carriers. ChemMedChem, 2014, 9, 2013-2020.	1.6	25
650	A Call for Clinical Studies. ACS Nano, 2014, 8, 4055-4057.	7.3	5
651	An Iron Oxide Nanocarrier for dsRNA to Target Lymph Nodes and Strongly Activate Cells of the Immune System. Small, 2014, 10, 5054-5067.	5.2	21
652	¹⁸ Fâ€Radiolabeling, Preliminary Evaluation of Folateâ€pHPMA Conjugates via PET. Macromolecular Bioscience, 2014, 14, 1396-1405.	2.1	11
653	Biological Application of Carbon Nanotubes and Graphene. , 2014, , 279-312.		10
654	Gadoliniumâ€Enriched Polyaniline Particles (GPAPs) for Simultaneous Diagnostic Imaging and Localized Photothermal Therapy of Epithelial Cancer. Advanced Healthcare Materials, 2014, 3, 1408-1414.	3.9	34
655	Bioengineered bacterial outer membrane vesicles: what is their potential in cancer therapy?. Nanomedicine, 2014, 9, 933-935.	1.7	24
656	Synergistic Dual-Ligand Doxorubicin Liposomes Improve Targeting and Therapeutic Efficacy of Brain Glioma in Animals. Molecular Pharmaceutics, 2014, 11, 2346-2357.	2.3	140
657	Glutathione-Triggered Disassembly of Dual Disulfide Located Degradable Nanocarriers of Polylactide-Based Block Copolymers for Rapid Drug Release. Biomacromolecules, 2014, 15, 3180-3189.	2.6	92
658	Mimicking Biological Membranes with Programmable Glycan Ligands Selfâ€Assembled from Amphiphilic Janus Glycodendrimers. Angewandte Chemie - International Edition, 2014, 53, 10899-10903.	7.2	99
659	Diamond Nanogel-Embedded Contact Lenses Mediate Lysozyme-Dependent Therapeutic Release. ACS Nano, 2014, 8, 2998-3005.	7.3	187
660	Nanoparticle approaches against bacterial infections. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 532-547.	3.3	225
661	Recent advances of resveratrol in nanostructured based delivery systems and in the management of HIV/AIDS. Journal of Controlled Release, 2014, 194, 178-188.	4.8	64
662	"Single–Single―Amphiphilic Janus Dendrimers Self-Assemble into Uniform Dendrimersomes with Predictable Size. ACS Nano, 2014, 8, 1554-1565.	7.3	91
663	<i>Gracilaria lemaneiformis</i> Polysaccharide as Integrin-Targeting Surface Decorator of Selenium Nanoparticles to Achieve Enhanced Anticancer Efficacy. ACS Applied Materials & amp; Interfaces, 2014, 6, 13738-13748.	4.0	133
#	Article	IF	CITATIONS
-----	---	-----	-----------
664	Development and antitumor activity of a BCL-2 targeted single-stranded DNA oligonucleotide. Cancer Chemotherapy and Pharmacology, 2014, 74, 151-166.	1.1	20
665	Polymeric nanomicelles for sustained delivery of anti-cancer drugs. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 768, 47-59.	0.4	20
666	Physicochemical characterization of functionalized-nanostructured-titania as a carrier of copper complexes for cancer treatment. Materials Chemistry and Physics, 2014, 146, 37-49.	2.0	13
668	Polymericâ€Gold Nanohybrids for Combined Imaging and Cancer Therapy. Advanced Healthcare Materials, 2014, 3, 1309-1325.	3.9	48
669	PEGylated carboxymethyl chitosan/calcium phosphate hybrid anionic nanoparticles mediated hTERT siRNA delivery for anticancer therapy. Biomaterials, 2014, 35, 7978-7991.	5.7	140
670	Structurally engineered anodic alumina nanotubes as nano-carriers for delivery of anticancer therapeutics. Biomaterials, 2014, 35, 5517-5526.	5.7	55
671	Facile route to versatile nanoplatforms for drug delivery by one-pot self-assembly. Acta Biomaterialia, 2014, 10, 2630-2642.	4.1	22
672	Antibody Modified Porous Silicon Microparticles for the Selective Capture of Cells. Bioconjugate Chemistry, 2014, 25, 1282-1289.	1.8	24
673	Intracellular redox-activated anticancer drug delivery by functionalized hollow mesoporous silica nanoreservoirs with tumor specificity. Biomaterials, 2014, 35, 7951-7962.	5.7	134
674	Elaboration of drug nanocarriers based on a glucosamine labeled amphiphilic polymer. Polymer Chemistry, 2014, 5, 3030-3037.	1.9	4
675	Polymer- and Protein-Based Nanotechnologies for Cancer Theranostics. , 2014, , 419-436.		12
676	Current Advances in Polymer-Based Nanotheranostics for Cancer Treatment and Diagnosis. ACS Applied Materials & Interfaces, 2014, 6, 21859-21873.	4.0	192
677	Synthetic micro/nanomotors in drug delivery. Nanoscale, 2014, 6, 10486-10494.	2.8	367
678	Elevating mitochondrial reactive oxygen species by mitochondria-targeted inhibition of superoxide dismutase with a mesoporous silica nanocarrier for cancer therapy. Nano Research, 2014, 7, 1103-1115.	5.8	18
679	Mapping Photothermally Induced Gene Expression in Living Cells and Tissues by Nanorod-Locked Nucleic Acid Complexes. ACS Nano, 2014, 8, 3597-3605.	7.3	32
680	pH-sensitive nanogels based on Boltorn® H40 and poly(vinylpyridine) using mini-emulsion polymerization for delivery of hydrophobic anticancer drugs. Polymer, 2014, 55, 3579-3590.	1.8	47
681	Evaluation of Dysprosia Aerogels as Drug Delivery Systems: A Comparative Study with Random and Ordered Mesoporous Silicas. ACS Applied Materials & Interfaces, 2014, 6, 4891-4902.	4.0	31
682	Multifunctional lipid-coated polymer nanogels crosslinked by photo-triggered Michael-type addition. Polymer Chemistry, 2014, 5, 1728-1736.	1.9	24

CITATION REPORT ARTICLE IF CITATIONS Peptide Dendrimer–Doxorubicin Conjugateâ€Based Nanoparticles as an Enzymeâ€Responsive Drug Delivery 3.9 132 System for Cancer Therapy. Advanced Healthcare Materials, 2014, 3, 1299-1308. Biocompatibility of porous silicon for biomedical applications., 2014, , 129-181. Multifunctional RNA Nanoparticles. Nano Letters, 2014, 14, 5662-5671. 4.5181 Radical innovation from the confluence of technologies: Innovation management strategies for the emerging nanobiotechnology industry. Journal of Engineering and Technology Management - JET-M, 1.4 2014, 32, 1-25. Theranostic tumor homing nanocarriers for the treatment of lung cancer. Nanomedicine: 1.7 19 Nanotechnology, Biology, and Medicine, 2014, 10, e1053-e1063. A hydrodynamic method for the measurement of Laponite-RD caffeine binding. Applied Clay Science, 2014, 87, 197-204. 2.6 Amyloid fibril formation by Î²-lactoglobulin is inhibited by gold nanoparticles. International Journal of 3.6 38 Biological Macromolecules, 2014, 69, 137-145. DNA Origami as an <i>In Vivo</i> Drug Delivery Vehicle for Cancer Therapy. ACS Nano, 2014, 8, 7.3 534 6633-6643. Significant Tumor Growth Inhibition from Naturally Occurring Lipid-Containing Polymer Prodrug 3.2 28 Nanoparticles Obtained by the Drug-Initiated Method. Chemistry of Materials, 2014, 26, 3606-3609. Precise Engineering of Multifunctional PEGylated Polyester Nanoparticles for Cancer Cell Targeting 3.2 and Imaging. Chemistry of Materials, 2014, 26, 1834-1847. Self-assembly of amphiphilic Janus dendrimers into uniform onion-like dendrimersomes with predictable size and number of bilayers. Proceedings of the National Academy of Sciences of the 3.3 145 United States of America, 2014, 111, 9058-9063. The use of molecular imaging combined with genomic techniques to understand the heterogeneity in 1.0 cancer metastasis. British Journal of Radiology, 2014, 87, 20140065. Surface-Initiated Polymerization within Mesoporous Silica Spheres for the Modular Design of 1.6 29 Charge-Neutral Polymer Particles. Langmuir, 2014, 30, 6286-6293. Sustained Drug Release in Nanomedicine: A Long-Acting Nanocarrier-Based Formulation for Glaucoma. ACS Nano, 2014, 8, 419-429. 108 A "Ship in a Bottle―Strategy To Load a Hydrophilic Anticancer Drug in Porous Metal Organic Framework Nanoparticles: Efficient Encapsulation, Matrix Stabilization, and Photodelivery. Journal of 2.9 98 Medicinal Chemistry, 2014, 57, 411-420.

700	The development of site-specific drug delivery nanocarriers based on receptor mediation. Journal of Controlled Release, 2014, 193, 139-153.	4.8	88
701	Recent advances in biocompatible nanocarriers for delivery of chemotherapeutic cargoes towards cancer therapy. Organic and Biomolecular Chemistry, 2014, 12, 4776.	1.5	92
702	Preparation, characterization, and in vitro antitumor activity of folate conjugated chitosan coated EGCG nanoparticles. Food Science and Biotechnology, 2014, 23, 569-575.	1.2	43

683

684

685

688

690

692

694

696

#	Article	IF	CITATIONS
703	Progress in electrochemical synthesis of magnetic iron oxide nanoparticles. Journal of Magnetism and Magnetic Materials, 2014, 368, 207-229.	1.0	233
704	Examination of Nanoparticle–DNA Binding Characteristics Using Single-Molecule Imaging Atomic Force Microscopy. Journal of Physical Chemistry C, 2014, 118, 13876-13882.	1.5	6
705	Surface modification of nonviral nanocarriers for enhanced gene delivery. Nanomedicine, 2014, 9, 135-151.	1.7	27
706	A PEG-Fmoc conjugate as a nanocarrier for paclitaxel. Biomaterials, 2014, 35, 7146-7156.	5.7	52
707	Improving drug accumulation and photothermal efficacy in tumor depending on size of ICG loaded lipid-polymer nanoparticles. Biomaterials, 2014, 35, 6037-6046.	5.7	180
708	MUC1 aptamer conjugated to chitosan nanoparticles, an efficient targeted carrier designed for anticancer SN38 delivery. International Journal of Pharmaceutics, 2014, 473, 304-315.	2.6	81
709	Nanomedicine and its applications to the treatment of prostate cancer. Annales Pharmaceutiques Francaises, 2014, 72, 303-316.	0.4	13
710	Parallel microfluidic synthesis of size-tunable polymeric nanoparticles using 3D flow focusing towards in vivo study. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 401-409.	1.7	134
711	Phage-based nanomaterials for biomedical applications. Acta Biomaterialia, 2014, 10, 1741-1750.	4.1	48
712	Nanotechnologies in Cancer Treatment and Diagnosis. Journal of the National Comprehensive Cancer Network: JNCCN, 2014, 12, 1727-1733.	2.3	18
713	Nanotoxicity of Polymeric and Solid Lipid Nanoparticles. , 2014, , 160-177.		3
714	Synthetic strategies, sustainability and biological applications of malic acid–based polymers. Green Materials, 2014, 2, 107-122.	1.1	14
715	Nanomedicines for Restenosis Therapy. Frontiers in Nanobiomedical Research, 2014, , 39-87.	0.1	0
716	Electrospinning Process: A Comprehensive Review and Update. , 2014, , 1-108.		0
718	Nearâ€Infrared Lightâ€Encoded Orthogonally Triggered and Logical Intracellular Release Using Gold Nanocage@Smart Polymer Shell. Advanced Functional Materials, 2014, 24, 826-834.	7.8	41
719	Biosafe Nanoscale Pharmaceutical Adjuvant Materials. Journal of Biomedical Nanotechnology, 2014, 10, 2393-2419.	0.5	27
720	A Selfâ€Assembled DNA Origamiâ€Gold Nanorod Complex for Cancer Theranostics. Small, 2015, 11, 5134-5141.	5.2	99
721	Biocompatible fluorescent supramolecular nanofibrous hydrogel for long-term cell tracking and tumor imaging applications. Scientific Reports, 2015, 5, 16680.	1.6	30

		15	C
#	ARTICLE	IF	CITATIONS
722	16258.	1.6	6
723	Alkaline and ultrasonic dissolution of biological materials for trace silicon determination. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, 031803.	0.6	5
724	Hybrid Nanostructures for High‣ensitivity Luminescence Nanothermometry in the Second Biological Window. Advanced Materials, 2015, 27, 4781-4787.	11.1	174
725	Anticancer Plateletâ€Mimicking Nanovehicles. Advanced Materials, 2015, 27, 7043-7050.	11.1	497
726	Switchable Lipids: Conformational Change for Fast pHâ€Triggered Cytoplasmic Delivery. Angewandte Chemie - International Edition, 2015, 54, 12743-12747.	7.2	69
727	Covalent drug immobilization in poly(ester amide) nanoparticles for controlled release. Canadian Journal of Chemical Engineering, 2015, 93, 2098-2106.	0.9	3
729	Self-Assembled Fluorescent Nanoparticles from π-Conjugated Small Molecules: En Route to Biological Applications. Macromolecular Rapid Communications, 2015, 36, 1306-1321.	2.0	46
730	Role of Self-Polarization in a Single-Step Controlled Synthesis of Linear and Branched Polymer Nanoparticles. Macromolecular Chemistry and Physics, 2015, 216, 1212-1219.	1.1	19
731	Microfluidic Assisted Synthesis of Multipurpose Polymer Nanoassembly Particles for Fluorescence, LSPR, and SERS Activities. Small, 2015, 11, 6435-6443.	5.2	35
732	Shapeâ€Memory Capability of Copolyetheresterurethane Microparticles Prepared via Electrospraying. Macromolecular Materials and Engineering, 2015, 300, 522-530.	1.7	10
733	Cardiac catheterization: consequences for the endothelium and potential for nanomedicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 458-473.	3.3	8
734	Calcite Single Crystals as Hosts for Atomicâ€Scale Entrapment and Slow Release of Drugs. Advanced Healthcare Materials, 2015, 4, 1510-1516.	3.9	32
735	3D Printed Microtransporters: Compound Micromachines for Spatiotemporally Controlled Delivery of Therapeutic Agents. Advanced Materials, 2015, 27, 6644-6650.	11.1	192
737	3.5 Current Trends and Developments for Nanotechnology in Cancer. , 2015, , 290-342.		0
738	Nanoparticulated docetaxel exerts enhanced anticancer efficacy and overcomes existing limitations of traditional drugs. International Journal of Nanomedicine, 2015, 10, 6121.	3.3	14
739	Chitosan: A Promising Biopolymer in Drug Delivery Applications. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 0, s4, .	0.1	80
740	Efficient delivery of ursolic acid by poly(N-vinylpyrrolidone)-block-poly (ε-caprolactone) nanoparticles for inhibiting the growth of hepatocellular carcinoma in vitro and in vivo. International Journal of Nanomedicine, 2015, 10, 1909.	3.3	26
741	Smart Mesoporous Nanomaterials for Antitumor Therapy. Nanomaterials, 2015, 5, 1906-1937.	1.9	79

#	Article	IF	CITATIONS
742	Green and energy-efficient methods for the production of metallic nanoparticles. Beilstein Journal of Nanotechnology, 2015, 6, 2354-2376.	1.5	48
743	The Methods of Nanoparticle Synthesis Using Bacteria as Biological Nanofactories, their Mechanisms and Major Applications. Current Bionanotechnology, 2015, 1, 3-17.	0.6	28
744	Enhanced anti-inflammatory potential of cinnamate-zinc layered hydroxide in lipopolysaccharide-stimulated RAW 264.7 macrophages. Drug Design, Development and Therapy, 2015, 9, 2475.	2.0	15
745	Magnetic removal of Entamoeba cysts from water using chitosan oligosaccharide-coated iron oxide nanoparticles. International Journal of Nanomedicine, 2015, 10, 4901.	3.3	31
746	Preparation of poly(β-L-malic acid)-based charge-conversional nanoconjugates for tumor-specific uptake and cellular delivery. International Journal of Nanomedicine, 2015, 10, 1941.	3.3	10
747	Inhibition of colon cancer cell growth by nanoemulsion carrying gold nanoparticles and lycopene. International Journal of Nanomedicine, 2015, 10, 2823.	3.3	55
748	Accelerated blood clearance phenomenon upon cross-administration of PEGylated nanocarriers in beagle dogs. International Journal of Nanomedicine, 2015, 10, 3533.	3.3	28
749	Enhancing Anti-Tumor Efficacy of Doxorubicin by Non-Covalent Conjugation to Gold Nanoparticles – In Vitro Studies on Feline Fibrosarcoma Cell Lines. PLoS ONE, 2015, 10, e0124955.	1.1	35
750	Bone Replacement Materials and Techniques Used for Achieving Vertical Alveolar Bone Augmentation. Materials, 2015, 8, 2953-2993.	1.3	141
751	Fluorescent graphene quantum dots as traceable, pH-sensitive drug delivery systems. International Journal of Nanomedicine, 2015, 10, 6709.	3.3	79
752	The use of halloysite clay and carboxyl-functionalised multi-walled carbon nanotubes for recombinant LipL32 antigen delivery enhanced the IgG response. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 134-137.	0.8	15
753	Temperature and pH Responsive Microfibers for Controllable and Variable Ibuprofen Delivery. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.0	14
754	Nanostructured Delivery Systems: Augmenting the Delivery of Antiretroviral Drugs for Better Management of HIV/AIDS. Critical Reviews in Therapeutic Drug Carrier Systems, 2015, 32, 503-533.	1.2	6
756	Carbohydrate-Derived Amphiphilic Macromolecules: A Biophysical Structural Characterization and Analysis of Binding Behaviors to Model Membranes. Journal of Functional Biomaterials, 2015, 6, 171-191.	1.8	2
757	Protein nanoparticles for therapeutic protein delivery. Biomaterials Science, 2015, 3, 787-799.	2.6	106
758	Reversible photo-responsive vesicle based on the complexation between an azobenzene containing molecule and α-cyclodextrin. RSC Advances, 2015, 5, 32846-32852.	1.7	8
759	Bio-inspired adhesion: fabrication and evaluation of molecularly imprinted nanocomposite membranes by developing a "bio-glue―imprinted methodology. RSC Advances, 2015, 5, 46146-46157.	1.7	10
760	The inhibitory effect of selenium nanoparticles on protein glycation <i>in vitro</i> . Nanotechnology, 2015, 26, 145703.	1.3	33

#	Article	IF	CITATIONS
761	Chitosan-Decorated Doxorubicin-Encapsulated Nanoparticle Targets and Eliminates Tumor Reinitiating Cancer Stem-like Cells. ACS Nano, 2015, 9, 5725-5740.	7.3	241
762	Surface protonation/deprotonation controlled instant affinity switch of nano drug vehicle (NDV) for pH triggered tumor cell targeting. Biomaterials, 2015, 62, 116-127.	5.7	49
763	Pharmaceutical development and preclinical evaluation of a GMP-grade anti-inflammatory nanotherapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1133-1140.	1.7	37
764	Toxicity studies of coumarin 6-encapsulated polystyrene nanospheres conjugated with peanut agglutinin and poly(N-vinylacetamide) as a colonoscopic imaging agent in rats. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1227-1236.	1.7	8
765	Drug/Dye-Loaded, Multifunctional PEG–Chitosan–Iron Oxide Nanocomposites for Methotraxate Synergistically Self-Targeted Cancer Therapy and Dual Model Imaging. ACS Applied Materials & Interfaces, 2015, 7, 11908-11920.	4.0	119
766	Influence of Physicochemical Properties of Nanomaterials on Their Antibacterial Applications. , 2015, , 151-166.		16
767	Tackling the Problem of Tuberculosis by Nanotechnology. , 2015, , 133-149.		7
768	S-layer fusion protein as a tool functionalizing emulsomes and CurcuEmulsomes for antibody binding and targeting. Colloids and Surfaces B: Biointerfaces, 2015, 128, 132-139.	2.5	30
769	Cyclodextrin nanoassemblies: a promising tool for drug delivery. Drug Discovery Today, 2015, 20, 1120-1126.	3.2	90
770	Cu ²⁺ -embedded carbon nanoparticles as anticancer agents. Journal of Materials Chemistry B, 2015, 3, 5673-5677.	2.9	22
771	Effect of PEG Pairing on the Efficiency of Cancer-Targeting Liposomes. Theranostics, 2015, 5, 746-754.	4.6	61
772	Kinetic and Thermodynamic Stability of Organic and Inorganic Nanocarriers. Journal of Applied Spectroscopy, 2015, 82, 200-207.	0.3	Ο
773	HEAL Project Aims to Regenerate Human Limbs by 2030. Regenerative Engineering and Translational Medicine, 2015, 1, 50-57.	1.6	1
774	Diffusive dynamics of nanoparticles in ultra-confined media. Soft Matter, 2015, 11, 7515-7524.	1.2	34
775	Complexes of magnetic nanoparticles and scFv antibodies for targeting and visualizing cancer cells. , 2015, , .		3
776	Nanoparticle based insulin delivery system: the next generation efficient therapy for Type 1 diabetes. Journal of Nanobiotechnology, 2015, 13, 74.	4.2	145
777	Nano-Sized Drug Delivery Systems: Development and Implication in Treatment of Hepatocellular Carcinoma. Digestive Diseases, 2015, 33, 675-682.	0.8	8
778	Nanomedicines for endothelial disorders. Nano Today, 2015, 10, 759-776.	6.2	49

#	Article	IF	CITATIONS
779	Oneâ€Pot Construction of Multipodal Hybrid Periodic Mesoporous Organosilica Nanoparticles with Crystal‣ike Architectures. Advanced Materials, 2015, 27, 145-149.	11.1	81
780	Plasmonic Nanodiamonds: Targeted Core–Shell Type Nanoparticles for Cancer Cell Thermoablation. Advanced Healthcare Materials, 2015, 4, 460-468.	3.9	39
781	An in silico analysis of nanoparticle/cell diffusive transfer: Application to nano-artificial antigen-presenting cell:T-cell interaction. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1019-1028.	1.7	12
782	Efficient water soluble nanostructured ZnO grafted O-carboxymethyl chitosan/curcumin-nanocomposite for cancer therapy. Process Biochemistry, 2015, 50, 678-688.	1.8	81
783	Preparation and study on anti-tumor effect of chitosan-coated oleanolic acid liposomes. RSC Advances, 2015, 5, 18725-18732.	1.7	34
784	Enhancing the stability of spontaneously self-assembled vesicles – the effect of polymer architecture. Soft Matter, 2015, 11, 2445-2453.	1.2	10
785	Dual-function nanosystem for synergetic cancer chemo-/radiotherapy through ROS-mediated signaling pathways. Biomaterials, 2015, 51, 30-42.	5.7	129
786	Cytosol-Specific Fluorogenic Reactions for Visualizing Intracellular Disintegration of Responsive Polymeric Nanocarriers and Triggered Drug Release. Macromolecules, 2015, 48, 764-774.	2.2	29
787	Guluronate oligosaccharides as enhancers of nanoparticle drug delivery in the oral cavity. Bioactive Carbohydrates and Dietary Fibre, 2015, 5, 72-78.	1.5	1
788	The use of nanoparticles as a promising therapeutic approach in cancer immunotherapy. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-11.	1.9	56
789	Carbon nanotubes part I: preparation of a novel and versatile drug-delivery vehicle. Expert Opinion on Drug Delivery, 2015, 12, 1071-1087.	2.4	88
790	An Implantable Active-Targeting Micelle-in-Nanofiber Device for Efficient and Safe Cancer Therapy. ACS Nano, 2015, 9, 1161-1174.	7.3	175
791	Lipid prodrug nanocarriers in cancer therapy. Journal of Controlled Release, 2015, 208, 25-41.	4.8	94
792	Cancer nanomedicine: from targeted delivery to combination therapy. Trends in Molecular Medicine, 2015, 21, 223-232.	3.5	578
793	Synthesis, characterisation and sustained release properties of layered zinc hydroxide intercalated with amoxicillin trihydrate. Journal of Experimental Nanoscience, 2015, 10, 1269-1284.	1.3	36
794	Engineering Poly(ethylene glycol) Particles for Improved Biodistribution. ACS Nano, 2015, 9, 1571-1580.	7.3	148
795	One-Pot Synthesis of Redox-Labile Polymer Capsules via Emulsion Droplet-Mediated Precipitation Polymerization. Chemistry of Materials, 2015, 27, 1262-1268.	3.2	36
796	Using the Sessile Drop Geometry to Measure Fluid and Elastic Block Copolymer Interfaces. Langmuir, 2015, 31, 1303-1311.	1.6	3

#	Article	IF	CITATIONS
798	Glutathione- and pH-responsive nonporous silica prodrug nanoparticles for controlled release and cancer therapy. Nanoscale, 2015, 7, 5859-5868.	2.8	124
799	Targeted delivery using peptide-functionalised gold nanoparticles to white adipose tissues of obese rats. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	37
800	Bioactive Polymersomes Self-Assembled from Amphiphilic PPO-GlycoPolypeptides: Synthesis, Characterization, and Dual-Dye Encapsulation. Langmuir, 2015, 31, 3402-3412.	1.6	34
801	Design, Synthesis, and Characterization of Graphene–Nanoparticle Hybrid Materials for Bioapplications. Chemical Reviews, 2015, 115, 2483-2531.	23.0	603
802	Aggregation-induced emission (AIE) dye loaded polymer nanoparticles for gene silencing in pancreatic cancer and their in vitro and in vivo biocompatibility evaluation. Nano Research, 2015, 8, 1563-1576.	5.8	38
803	Nanocarriers: a versatile approach for mucosal vaccine delivery. Therapeutic Delivery, 2015, 6, 231-245.	1.2	12
804	Mechanism of Multivalent Nanoparticle Encounter with HIV-1 for Potency Enhancement of Peptide Triazole Virus Inactivation. Journal of Biological Chemistry, 2015, 290, 529-543.	1.6	46
805	Molecularly imprinted polymer with a pseudo-template for thermo-responsive adsorption/desorption based on hydrogen bonding. Microporous and Mesoporous Materials, 2015, 218, 112-117.	2.2	12
806	An efficient injectable formulation with block copolymer micelles for hydrophobic antitumor candidate-pyridazinone derivatives. Nanomedicine, 2015, 10, 2153-2165.	1.7	6
807	Nutlin-3 loaded nanocarriers: Preparation, characterization and in vitro antineoplastic effect against primary effusion lymphoma. International Journal of Pharmaceutics, 2015, 490, 85-93.	2.6	10
808	Nanotechnology for Chemical Engineers. , 2015, , .		8
809	An overview of nanotoxicity and nanomedicine research: principles, progress and implications for cancer therapy. Journal of Materials Chemistry B, 2015, 3, 7153-7172.	2.9	108
810	Efficient Delivery of DOX to Nuclei of Hepatic Carcinoma Cells in the Subcutaneous Tumor Model Using pH-Sensitive Pullulan–DOX Conjugates. ACS Applied Materials & Interfaces, 2015, 7, 15855-15865.	4.0	66
811	From Nanotechnology to Nanoengineering. , 2015, , 79-178.		7
812	Coupled Simulation of Heart Valves: Applications to Clinical Practice. Annals of Biomedical Engineering, 2015, 43, 1626-1639.	1.3	6
813	Nanoengineering of therapeutics for retinal vascular disease. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 323-330.	2.0	10
814	Antibiotic delivery by liposomes from prokaryotic microorganisms: Similia cum similis works better. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 411-418.	2.0	25
815	Photochemical Design of Stimuli-Responsive Nanoparticles Prepared by Supramolecular Host–Guest Chemistry. Macromolecules, 2015, 48, 4410-4420.	2.2	41

#	Article	IF	CITATIONS
816	Luminescent supramolecular soft nanostructures from amphiphilic dinuclear Re(<scp>i</scp>) complexes. Nanoscale, 2015, 7, 12000-12009.	2.8	19
817	Intracellular delivery cellulose-based bionanogels with dual temperature/pH-response for cancer therapy. Colloids and Surfaces B: Biointerfaces, 2015, 133, 246-253.	2.5	36
818	Strategies of polymeric nanoparticles for enhanced internalization in cancer therapy. Colloids and Surfaces B: Biointerfaces, 2015, 135, 56-72.	2.5	74
819	Collaborative Enhancement of Endothelial Targeting of Nanocarriers by Modulating Platelet-Endothelial Cell Adhesion Molecule-1/CD31 Epitope Engagement. ACS Nano, 2015, 9, 6785-6793.	7.3	22
820	Morphological and in vitro investigation of core–shell nanostructures of carvedilol using quality by design. Journal of Pharmaceutical Investigation, 2015, 45, 561-578.	2.7	5
821	17β-Estradiol-Loaded PEClyated Upconversion Nanoparticles as a Bone-Targeted Drug Nanocarrier. ACS Applied Materials & Interfaces, 2015, 7, 15803-15811.	4.0	26
822	Photoresponsive nanoparticles for drug delivery. Nano Today, 2015, 10, 451-467.	6.2	245
823	Ultrasmall Chitosan–Genipin Nanocarriers Fabricated from Reverse Microemulsion Process for Tumor Photothermal Therapy in Mice. Biomacromolecules, 2015, 16, 2080-2090.	2.6	43
824	Image-guided drug delivery: preclinical applications and clinical translation. Expert Opinion on Drug Delivery, 2015, 12, 1203-1207.	2.4	38
825	Roles of chemokines CCL2 and CCL5 in the pharmacokinetics of PEGylated liposomal doxorubicin in vivo and in patients with recurrent epithelial ovarian cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1797-1807.	1.7	22
826	Long-Circulating Therapies for Cancer Treatment. , 2015, , 433-462.		3
827	A dual wavelength-activatable gold nanorod complex for synergistic cancer treatment. Nanoscale, 2015, 7, 12096-12103.	2.8	41
828	Mechanisms and Implications of Dual-Acting Methotrexate in Folate-Targeted Nanotherapeutic Delivery. International Journal of Molecular Sciences, 2015, 16, 1772-1790.	1.8	72
829	Dopamine functionalized polymeric nanoparticle for targeted drug delivery. RSC Advances, 2015, 5, 33586-33594.	1.7	34
830	Confined nano-crystallization of celecoxib inside porous mannitol. Journal of Crystal Growth, 2015, 419, 108-113.	0.7	4
831	Mechanisms of Drug Release in Nanotherapeutic Delivery Systems. Chemical Reviews, 2015, 115, 3388-3432.	23.0	412
832	Solvent selection causes remarkable shifts of the "Ouzo region―for poly(lactide-co-glycolide) nanoparticles prepared by nanoprecipitation. Nanoscale, 2015, 7, 9215-9221.	2.8	57
833	Combinatorial targeting polymeric micelles for anti-tumor drug delivery. Journal of Materials Chemistry B, 2015, 3, 4043-4051.	2.9	29

#	Article	IF	CITATIONS
834	Multifunctional polymeric nanoparticles doubly loaded with SPION and ceftiofur retain their physical and biological properties. Journal of Nanobiotechnology, 2015, 13, 14.	4.2	27
835	Nano-silver in situ hybridized collagen scaffolds for regeneration of infected full-thickness burn skin. Journal of Materials Chemistry B, 2015, 3, 4231-4241.	2.9	58
836	Amphiphilic p-Sulfonatocalix[4]arene as "Drug Chaperone―for Escorting Anticancer Drugs. Scientific Reports, 2015, 5, 9019.	1.6	61
837	Musselâ€Inspired Protein Nanoparticles Containing Iron(III)–DOPA Complexes for pHâ€Responsive Drug Delivery. Angewandte Chemie - International Edition, 2015, 54, 7318-7322.	7.2	60
838	Inorganic Nanoparticles in Targeted Drug Delivery and Imaging. Advances in Delivery Science and Technology, 2015, , 571-613.	0.4	12
839	Advanced targeted therapies in cancer: Drug nanocarriers, the future of chemotherapy. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 52-79.	2.0	1,278
840	Silk fibroin nanoparticle as a novel drug delivery system. Journal of Controlled Release, 2015, 206, 161-176.	4.8	304
841	Nanotechnology Applied in Agriculture: Controlled Release of Agrochemicals. , 2015, , 103-118.		24
842	Nanotechnology-Based Precision Tools for the Detection and Treatment of Cancer. Cancer Treatment and Research, 2015, , .	0.2	25
843	A Review of Clinical Translation of Inorganic Nanoparticles. AAPS Journal, 2015, 17, 1041-1054.	2.2	392
844	Dendrimer-PLGA based multifunctional immuno-nanocomposite mediated synchronous and tumor selective delivery of siRNA and cisplatin: potential in treatment of hepatocellular carcinoma. RSC Advances, 2015, 5, 39512-39531.	1.7	22
845	In vitro and in vivo toxicity evaluation of plant virus nanocarriers. Colloids and Surfaces B: Biointerfaces, 2015, 129, 130-136.	2.5	25
846	PEGylated Fmoc–Amino Acid Conjugates as Effective Nanocarriers for Improved Drug Delivery. Molecular Pharmaceutics, 2015, 12, 1680-1690.	2.3	14
847	Hybrid Protein–Synthetic Polymer Nanoparticles for Drug Delivery. Advances in Protein Chemistry and Structural Biology, 2015, 98, 93-119.	1.0	9
848	Phage-Display-Guided Nanocarrier Targeting to Atheroprone Vasculature. ACS Nano, 2015, 9, 4435-4446.	7.3	27
849	Comparison, synthesis and evaluation of anticancer drug-loaded polymeric nanoparticles on breast cancer cell lines. Artificial Cells, Nanomedicine and Biotechnology, 2015, 44, 1-10.	1.9	39
850	Esterase- and pH-responsive poly(\hat{l}^2 -amino ester)-capped mesoporous silica nanoparticles for drug delivery. Nanoscale, 2015, 7, 7178-7183.	2.8	75
851	Noble Metal Nanomaterials. Solid State Physics, 2015, 66, 131-211.	1.3	19

#	Article	IF	CITATIONS
852	Smac Therapeutic Peptide Nanoparticles Inducing Apoptosis of Cancer Cells for Combination Chemotherapy with Doxorubicin. ACS Applied Materials & amp; Interfaces, 2015, 7, 8005-8012.	4.0	27
853	Self-assembled micelles of a multi-functional amphiphilic fusion (MFAF) peptide for targeted cancer therapy. Polymer Chemistry, 2015, 6, 3512-3520.	1.9	11
854	Design attributes of long-circulating polymeric drug delivery vehicles. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 97, 304-317.	2.0	49
855	On-demand combinational delivery of curcumin and doxorubicin via a pH-labile micellar nanocarrier. International Journal of Pharmaceutics, 2015, 495, 572-578.	2.6	46
856	Dual Location Reduction-Responsive Degradable Nanocarriers: A New Strategy for Intracellular Anticancer Drug Delivery with Accelerated Release. ACS Symposium Series, 2015, , 273-291.	0.5	7
857	Bio-inspired formation of nanostructured arrays on flexible substrates with superoleophobicity. CrystEngComm, 2015, 17, 8441-8448.	1.3	7
858	Poorly Water Soluble Drug Nanostructures via Surface Solvent Evaporation. Nano LIFE, 2015, 05, 1540005.	0.6	1
859	Recent Developments in Active Tumor Targeted Multifunctional Nanoparticles for Combination Chemotherapy in Cancer Treatment and Imaging. Journal of Biomedical Nanotechnology, 2015, 11, 1859-1898.	0.5	102
860	A novel platform for cancer therapy using extracellular vesicles. Advanced Drug Delivery Reviews, 2015, 95, 50-55.	6.6	86
861	Surface bioengineering of diatomite based nanovectors for efficient intracellular uptake and drug delivery. Nanoscale, 2015, 7, 20063-20074.	2.8	81
862	Nanotopography applications in drug delivery. Expert Opinion on Drug Delivery, 2015, 12, 1823-1827.	2.4	13
863	Neutrophil-Mediated Delivery of Therapeutic Nanoparticles across Blood Vessel Barrier for Treatment of Inflammation and Infection. ACS Nano, 2015, 9, 11800-11811.	7.3	207
864	Antinociceptive, muscle relaxant and sedative activities of gold nanoparticles generated by methanolic extract of Euphorbia milii. BMC Complementary and Alternative Medicine, 2015, 15, 160.	3.7	41
865	NIR light responsive core–shell nanocontainers for drug delivery. Journal of Materials Chemistry B, 2015, 3, 7046-7054.	2.9	45
866	Coating nanoparticles with cell membranes for targeted drug delivery. Journal of Drug Targeting, 2015, 23, 619-626.	2.1	100
867	Polymer-Grafted Mesoporous Silica Nanoparticles as Ultrasound-Responsive Drug Carriers. ACS Nano, 2015, 9, 11023-11033.	7.3	389
868	Targeted endothelial nanomedicine for common acute pathological conditions. Journal of Controlled Release, 2015, 219, 576-595.	4.8	39
869	In Vitro and In Vivo Tumor Targeted Photothermal Cancer Therapy Using Functionalized Graphene Nanoparticles. Biomacromolecules, 2015, 16, 3519-3529.	2.6	68

#	Article	IF	Citations
870	Janus droplet as a catalytic micromotor. Europhysics Letters, 2015, 110, 54002.	0.7	9
871	Nano-enabled delivery of diverse payloads across complex biological barriers. Journal of Controlled Release, 2015, 219, 548-559.	4.8	54
872	A pH-responsive AIE nanoprobe as a drug delivery system for bioimaging and cancer therapy. Journal of Materials Chemistry B, 2015, 3, 7401-7407.	2.9	69
873	Regulatory aspects on nanomedicines. Biochemical and Biophysical Research Communications, 2015, 468, 504-510.	1.0	256
874	Nanoformulation strategies for the enhanced oral bioavailability of antiretroviral therapeutics. Therapeutic Delivery, 2015, 6, 469-490.	1.2	31
875	Gold Nanomaterials at Work in Biomedicine. Chemical Reviews, 2015, 115, 10410-10488.	23.0	986
876	Controllable and switchable drug delivery of ibuprofen from temperature responsive composite nanofibers. Nano Convergence, 2015, 2, .	6.3	24
877	Nanomedicines and stroke: Toward translational research. Journal of Drug Delivery Science and Technology, 2015, 30, 278-299.	1.4	12
878	Computational Systems Toxicology. Methods in Pharmacology and Toxicology, 2015, , .	0.1	5
879	Beta Hairpin Peptide Hydrogels as an Injectable Solid Vehicle for Neurotrophic Growth Factor Delivery. Biomacromolecules, 2015, 16, 2672-2683.	2.6	73
880	Delivery of drugs bound to erythrocytes: new avenues for an old intravascular carrier. Therapeutic Delivery, 2015, 6, 795-826.	1.2	91
881	Multifunctional hybrid nanogels for theranostic applications. Soft Matter, 2015, 11, 8205-8216.	1.2	35
883	Nanoparticles Containing a Liver X Receptor Agonist Inhibit Inflammation and Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 228-236.	3.9	66
884	In Vitro and In Vivo Evaluation of Nanoparticles Prepared by Nano Spray Drying for Stomach Mucoadhesive Drug Delivery. Drying Technology, 2015, 33, 1199-1209.	1.7	19
885	Polymer-based nanocarriers for vaginal drug delivery. Advanced Drug Delivery Reviews, 2015, 92, 53-70.	6.6	102
886	Synthetic high-density lipoprotein-like nanoparticles for cancer therapy. Expert Review of Anticancer Therapy, 2015, 15, 27-34.	1.1	25
887	Fabrication of Graphene-isolated-Au-nanocrystal Nanostructures for Multimodal Cell Imaging and Photothermal-enhanced Chemotherapy. Scientific Reports, 2014, 4, 6093.	1.6	95
888	Physical and Biophysical Characteristics of Nanoparticles: Potential Impact on Targeted Drug Delivery. Advances in Delivery Science and Technology, 2015, , 649-666.	0.4	1

#	Article	IF	CITATIONS
889	Nanotoxicology: Contemporary Issues and Future Directions. Advances in Delivery Science and Technology, 2015, , 733-781.	0.4	3
890	Multifunctional Polymeric Nano-Carriers in Targeted Drug Delivery. Advances in Delivery Science and Technology, 2015, , 461-500.	0.4	4
891	Nanoparticle–blood interactions: the implications on solid tumour targeting. Chemical Communications, 2015, 51, 2756-2767.	2.2	226
892	Advances in mesoporous silica nanoparticles for targeted stimuli-responsive drug delivery. Expert Opinion on Drug Delivery, 2015, 12, 319-337.	2.4	230
893	Simultaneous size and color tuning of polymer microparticles in a single-step microfluidic synthesis: particles for fluorescence labeling. Journal of Materials Chemistry C, 2015, 3, 844-853.	2.7	30
894	Poly(2-oxazoline)-Based Nanogels as Biocompatible Pseudopolypeptide Nanoparticles. Biomacromolecules, 2015, 16, 183-191.	2.6	24
895	Biomedical Applications of Supramolecular Systems Based on Host–Guest Interactions. Chemical Reviews, 2015, 115, 7794-7839.	23.0	980
896	A correlative optical microscopy and scanning electron microscopy approach to locating nanoparticles in brain tumors. Micron, 2015, 68, 70-76.	1.1	27
897	A fluorescent light-up nanoparticle probe with aggregation-induced emission characteristics and tumor-acidity responsiveness for targeted imaging and selective suppression of cancer cells. Materials Horizons, 2015, 2, 100-105.	6.4	68
898	Targeted nanoparticles in mitochondrial medicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 315-329.	3.3	125
899	A degradable brush polymer–drug conjugate for pH-responsive release of doxorubicin. Polymer Chemistry, 2015, 6, 953-961.	1.9	85
900	Release of quercetin from micellar nanoparticles with saturated and unsaturated core forming polyesters — A combined computational and experimental study. Materials Science and Engineering C, 2015, 46, 417-426.	3.8	4
901	Toxicity of Metal and Metal Oxide Nanoparticles. , 2015, , 75-112.		33
902	Intracellular pH-sensitive dextran-based micelles as efficient drug delivery platforms. Polymer International, 2015, 64, 430-436.	1.6	19
903	Intracellular pH-operated mechanized mesoporous silica nanoparticles as potential drug carries. Microporous and Mesoporous Materials, 2015, 201, 169-175.	2.2	15
904	Ceramic nanoparticles: Recompense, cellular uptake and toxicity concerns. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 401-409.	1.9	68
905	Silica-Based Nanovectors: From Mother Nature to Biomedical Applications. , 2016, , .		1
906	Nutraceuticals-loaded chitosan nanoparticles for chemoprevention andÂcancer fatigue. , 2016, , 783-839.		2

ARTICLE IF CITATIONS # Imaging Nanotherapeutics in Inflamed Vasculature by Intravital Microscopy. Theranostics, 2016, 6, 907 4.6 22 2431-2438. Leishmaniasis - Drugs, Nanotechnology Based Delivery Systems and Recent Patents Survey. Current 908 0.2 Nanomedicine, 2016, 6, 21-42. Synthesis of a deuterated probe for the confocal Raman microscopy imaging of squalenoyl 909 1.3 8 nanomedicines. Beilstein Journal of Organic Chemistry, 2016, 12, 1127-1135. Therapeutic Nanostructures: Application of Mechanical Engineering in Drug Delivery., 2016,, 3-34. 910 Self-assembled silk fibroin nanoparticles loaded with binary drugs in the treatment of breast 911 3.3 52 carcinoma. International Journal of Nanomedicine, 2016, Volume 11, 4373-4380. Extracellular Vesicles: A Mechanism to Reverse Metastatic Behaviour as a New Approach to Cancer Therapy. , 0, , . 913 Oxygen-generating nanobiomaterials for the treatment of diabetes., 2016, , 331-353. 2 Dual-function nanocarriers with interfacial drug-interactive motifs for improved delivery of 914 chemotherapeutic agents., 2016,, 367-394. Synergistic effect of reduced polypeptide micelle for co-delivery of doxorubicin and TRAIL against 915 0.8 16 drug-resistance in breast cancer. Oncotarget, 2016, 7, 61832-61844. Biopolymer-mediated Green Synthesis of Noble Metal Nanostructures., 0, , . Topology of Surface Ligands on Liposomes: Characterization Based on the Terms, Incorporation Ratio, 917 12 0.6 Surface Anchor Density, and Reaction Yield. Biological and Pharmaceutical Bulletin, 2016, 39, 1983-1994. Photodynamic therapy of tumors with pyropheophorbide-a-loaded polyethylene glycol&ndash;poly(lactic-co-glycolic acid) nanoparticles. International Journal of Nanomedicine, 2016, Volume 11, 4905-4918. 3.3 919 Active-targeted Nanotherapy as Smart Cancer Treatment., 2016,,. 7 Nanotechnological applications for the control of pulmonary infections., 2016, 223-235. Nanotechnology: A Valuable Strategy to Improve Bacteriocin Formulations. Frontiers in 921 1.5 65 Microbiology, 2016, 7, 1385. Polymer-Induced Swelling of Solid-Supported Lipid Membranes. Membranes, 2016, 6, 2. Nanotechnology-Based Drug Delivery Systems for Photodynamic Therapy of Cancer: A Review. 923 375 1.7 Molecules, 2016, 21, 342. The Influence of Viscosity on the Static and Dynamic Properties of PS-PEO Covered Emulsion Drops. 924 1.3 Processes, 2016, 4, 47.

#	Article	IF	CITATIONS
925	Pyrene: The Guest of Honor. , 2016, , 421-461.		10
926	Targeting the SR-B1 Receptor as a Gateway for Cancer Therapy and Imaging. Frontiers in Pharmacology, 2016, 7, 466.	1.6	99
927	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. Theranostics, 2016, 6, 1378-1392.	4.6	98
928	Engineered nanomaterials for biomedicine. , 2016, , 307-328.		2
929	Recent advances in arsenic trioxide encapsulated nanoparticles as drug delivery agents to solid cancers. Journal of Biomedical Research, 2017, 31, 177.	0.7	39
930	Co-delivery of HIV-1 entry inhibitor and nonnucleoside reverse transcriptase inhibitor shuttled by nanoparticles. Aids, 2016, 30, 827-838.	1.0	26
931	Evaluation of reconstituted high-density lipoprotein (rHDL) as a drug delivery platform – a detailed survey of rHDL particles ranging from biophysical properties to clinical implications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2161-2179.	1.7	54
932	Self-propelled manganese oxide-based catalytic micromotors for drug delivery. RSC Advances, 2016, 6, 65624-65630.	1.7	49
933	Stem Cell Membraneâ€Coated Nanogels for Highly Efficient In Vivo Tumor Targeted Drug Delivery. Small, 2016, 12, 4056-4062.	5.2	271
934	A unique highly hydrophobic anticancer prodrug self-assembled nanomedicine for cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2273-2282.	1.7	28
935	Lightâ€Activated Hypoxiaâ€Responsive Nanocarriers for Enhanced Anticancer Therapy. Advanced Materials, 2016, 28, 3313-3320.	11.1	421
936	A Supramolecular Shearâ€Thinning Antiâ€Inflammatory Steroid Hydrogel. Advanced Materials, 2016, 28, 6680-6686.	11.1	43
937	Nanogels as Contrast Agents for Molecular Imaging. Chinese Journal of Chemistry, 2016, 34, 547-557.	2.6	7
938	DNA Nanotechnology for Precise Control over Drug Delivery and Gene Therapy. Small, 2016, 12, 1117-1132.	5.2	110
939	A Nanoplatform with Precise Control over Release of Cargo for Enhanced Cancer Therapy. Small, 2016, 12, 1378-1390.	5.2	64
940	Nanoparticle Targeting of Neutrophils for Improved Cancer Immunotherapy. Advanced Healthcare Materials, 2016, 5, 1088-1093.	3.9	113
941	A Computational/Experimental Assessment of Antitumor Activity of Polymer Nanoassemblies for pH-Controlled Drug Delivery to Primary and Metastatic Tumors. Pharmaceutical Research, 2016, 33, 2552-2564.	1.7	14
942	Dual cellular stimuli-responsive hydrogel nanocapsules for delivery of anticancer drugs. Journal of Materials Chemistry B, 2016, 4, 4922-4933.	2.9	17

#	Article	IF	CITATIONS
943	Putting gold nanocages to work for optical imaging, controlled release and cancer theranostics. Nanomedicine, 2016, 11, 1715-1728.	1.7	69
944	Ultra-small lipid–polymer hybrid nanoparticles for tumor-penetrating drug delivery. Nanoscale, 2016, 8, 14411-14419.	2.8	100
945	Ultraâ€pHâ€Responsive and Tumorâ€Penetrating Nanoplatform for Targeted siRNA Delivery with Robust Antiâ€Cancer Efficacy. Angewandte Chemie - International Edition, 2016, 55, 7091-7094.	7.2	216
946	DNA Origami: Folded DNAâ€Nanodevices That Can Direct and Interpret Cell Behavior. Advanced Materials, 2016, 28, 5509-5524.	11.1	54
947	Albumin Carriers for Cancer Theranostics: A Conventional Platform with New Promise. Advanced Materials, 2016, 28, 10557-10566.	11.1	232
948	Composite of magnetic drug carriers with thermo-responsive polymer for controlled drug release. Japanese Journal of Applied Physics, 2016, 55, 02BE02.	0.8	2
949	Skin penetration-inducing gelatin methacryloyl nanogels for transdermal macromolecule delivery. Macromolecular Research, 2016, 24, 1115-1125.	1.0	16
951	Revolutionizing the healthcare of the future through nanomedicine: Opportunities and challenges. , 2016, , .		2
952	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. Scientific Reports, 2016, 6, 30439.	1.6	27
953	Atomic level insights into realistic molecular models of dendrimer-drug complexes through MD simulations. Journal of Chemical Physics, 2016, 145, 124902.	1.2	21
954	Factorial design based preparation, optimization, characterization and in vitro drug release studies of olanzapine loaded PLGA nanoparticles. Materials Research Express, 2016, 3, 125403.	0.8	4
955	Magnetic Nanoparticles for Drug Delivery. , 2016, , 65-84.		1
957	Soft Supramolecular Nanoparticles by Noncovalent and Host–Guest Interactions. Small, 2016, 12, 96-119.	5.2	78
958	Targeted tumor delivery and controlled release of neuronal drugs with ferritin nanoparticles to regulate pancreatic cancer progression. Journal of Controlled Release, 2016, 232, 131-142.	4.8	83
959	Boron Nanowires: Synthesis and Properties. , 2016, , 87-110.		1
960	Encapsulins: microbial nanocompartments with applications in biomedicine, nanobiotechnology and materials science. Current Opinion in Chemical Biology, 2016, 34, 1-10.	2.8	85
961	Functional mesoporous silica nanoparticles (MSNs) for highly controllable drug release and synergistic therapy. Colloids and Surfaces B: Biointerfaces, 2016, 145, 217-225.	2.5	27
962	Smart multifunctional nanoparticles in nanomedicine. BioNanoMaterials, 2016, 17, 33-41.	1.4	39

#	Article	IF	CITATIONS
963	Cell cycle dependent cellular uptake of zinc oxide nanoparticles in human epidermal cells. Mutagenesis, 2016, 31, 481-490.	1.0	67
964	Physiologically based pharmacokinetic model of docetaxel and interspecies scaling: comparison of simple injection with folate receptor-targeting amphiphilic copolymer-modified liposomes. Xenobiotica, 2016, 46, 1093-1104.	0.5	16
965	Encapsulation of lipophilic kiteplatin Pt(<scp>iv</scp>) prodrugs in PLGA-PEG micelles. Dalton Transactions, 2016, 45, 13070-13081.	1.6	27
966	Progress on synthesis, functionalisation and applications of graphene nanoplatelets. Materials Research Innovations, 2016, 20, 365-374.	1.0	7
967	Neuropeptide Y is an angiogenic factor in cardiovascular regeneration. European Journal of Pharmacology, 2016, 776, 64-70.	1.7	34
968	Zwitterionic mesoporous nanoparticles with a bioresponsive gatekeeper for cancer therapy. Acta Biomaterialia, 2016, 40, 282-292.	4.1	28
969	Electrosprayed nanoparticle delivery system for controlled release. Materials Science and Engineering C, 2016, 66, 138-146.	3.8	70
970	Erythrocytes in nanomedicine: an optimal blend of natural and synthetic materials. Biomaterials Science, 2016, 4, 1024-1031.	2.6	49
971	Shape effects of electrospun fiber rods on the tissue distribution and antitumor efficacy. Journal of Controlled Release, 2016, 244, 52-62.	4.8	38
972	Micro-flow assisted synthesis of fluorescent polymer nanoparticles with tuned size and surface properties. Nanotechnology Reviews, 2016, 5, .	2.6	16
973	Encapsulation of cisplatin as an anti-cancer drug into boron-nitride and carbon nanotubes: Molecular simulation and free energy calculation. Materials Science and Engineering C, 2016, 67, 98-103.	3.8	25
974	Preventing diet-induced obesity in mice by adipose tissue transformation and angiogenesis using targeted nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5552-5557.	3.3	127
975	Lipoproteins and lipoprotein mimetics for imaging and drug delivery. Advanced Drug Delivery Reviews, 2016, 106, 116-131.	6.6	115
976	Sustained inhibition of cMET-VEGFR2 signaling using liposome-mediated delivery increases efficacy and reduces toxicity in kidney cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1853-1861.	1.7	27
977	Targeted Nanoparticles for the Delivery of Novel Bioactive Molecules to Pancreatic Cancer Cells. Journal of Medicinal Chemistry, 2016, 59, 5209-5220.	2.9	39
978	From Diagnosis to Treatment. Thoracic Surgery Clinics, 2016, 26, 215-228.	0.4	9
979	Stimuli-Responsive Biodegradable Hyperbranched Polymer–Gadolinium Conjugates as Efficient and Biocompatible Nanoscale Magnetic Resonance Imaging Contrast Agents. ACS Applied Materials & Interfaces, 2016, 8, 10499-10512.	4.0	58
980	Tumor Microenvironment and Angiogenic Blood Vessels Dual-Targeting for Enhanced Anti-Glioma Therapy. ACS Applied Materials & Interfaces, 2016, 8, 23568-23579.	4.0	37

#	Article	IF	CITATIONS
981	Nanosized inorganic porous materials: fabrication, modification and application. Journal of Materials Chemistry A, 2016, 4, 16756-16770.	5.2	43
982	Mechanistic basis of light induced cytotoxicity of photoactive nanomaterials. NanoImpact, 2016, 3-4, 81-89.	2.4	13
984	Mechanical Force-Triggered Drug Delivery. Chemical Reviews, 2016, 116, 12536-12563.	23.0	247
985	Reduced immune response to polymeric micelles coating sialic acids. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4976-4982.	1.0	16
986	The Penetrated Delivery of Drug and Energy to Tumors by Lipo-Graphene Nanosponges for Photolytic Therapy. ACS Nano, 2016, 10, 9420-9433.	7.3	53
987	NIR-laser-triggered smart full-polymer nanogels for synergic photothermal-/chemo-therapy of tumors. RSC Advances, 2016, 6, 90111-90119.	1.7	11
988	Biomaterials in siRNA Delivery: A Comprehensive Review. Advanced Healthcare Materials, 2016, 5, 2715-2731.	3.9	62
989	AlE Nanoparticles for in Vitro and in Vivo Imaging. ACS Symposium Series, 2016, , 217-243.	0.5	5
990	Biomacromolecules based core/shell architecture toward biomedical applications. Advances in Colloid and Interface Science, 2016, 237, 43-51.	7.0	23
991	Noncontinuum effects on the mobility of nanoparticles in unentangled polymer solutions. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2145-2150.	2.4	14
992	A Virus-Mimicking, Endosomolytic Liposomal System for Efficient, pH-Triggered Intracellular Drug Delivery. ACS Applied Materials & Interfaces, 2016, 8, 22457-22467.	4.0	21
993	Nanomedicine approaches in acute lymphoblastic leukemia. Journal of Controlled Release, 2016, 238, 123-138.	4.8	44
994	Biomimetic strategies for targeted nanoparticle delivery. Bioengineering and Translational Medicine, 2016, 1, 30-46.	3.9	122
995	Impact of nanotechnology on the delivery of natural products for cancer prevention and therapy. Molecular Nutrition and Food Research, 2016, 60, 1330-1341.	1.5	54
996	Improving Targeting of Metal–Phenolic Capsules by the Presence of Protein Coronas. ACS Applied Materials & Interfaces, 2016, 8, 22914-22922.	4.0	76
997	Self-Sorting and Coassembly of Fluorinated, Hydrogenated, and Hybrid Janus Dendrimers into Dendrimers ones. Journal of the American Chemical Society, 2016, 138, 12655-12663.	6.6	83
998	Cell Membrane-Mediated Anticancer Drug Delivery. ACS Symposium Series, 2016, , 197-211.	0.5	4
999	Curcumin based combination therapy for anti-breast cancer: from in vitro drug screening to in vivo efficacy evaluation. Frontiers of Chemical Science and Engineering, 2016, 10, 383-3 <u>88</u> .	2.3	16

#	Article	IF	CITATIONS
1000	Simple Synthesis of Cladribine-Based Anticancer Polymer Prodrug Nanoparticles with Tunable Drug Delivery Properties. Chemistry of Materials, 2016, 28, 6266-6275.	3.2	30
1001	Photothermally Controllable Cytosolic Drug Delivery Based On Core–Shell MoS ₂ -Porous Silica Nanoplates. Chemistry of Materials, 2016, 28, 6417-6424.	3.2	74
1002	Reliability and delay analysis of multicast in binary molecular communication. Nano Communication Networks, 2016, 9, 17-27.	1.6	3
1003	Application of nanoparticle technology in the treatment of Systemic lupus erythematous. Biomedicine and Pharmacotherapy, 2016, 83, 1154-1163.	2.5	22
1004	Stability-limit â¿¿Ouzo regionâ¿¿ boundaries for poly(lactide- co -glycolide) nanoparticles prepared by nanoprecipitation. International Journal of Pharmaceutics, 2016, 511, 262-266.	2.6	9
1005	Gulp1 is associated with the pharmacokinetics of PEGylated liposomal doxorubicin (PLD) in inbred mouse strains. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2007-2017.	1.7	13
1006	DNA nanomaterials for preclinical imaging and drug delivery. Journal of Controlled Release, 2016, 239, 27-38.	4.8	57
1007	Aspects of nanoscale information transmission in nanonetworks-based molecular communication. , 2016, , .		3
1008	Review of Adaptive Programmable Materials and Their Bioapplications. ACS Applied Materials & Interfaces, 2016, 8, 33351-33370.	4.0	112
1009	Nanomaterials as Therapeutic/Imaging Agent Delivery Vehicles for Tumor Targeting Theranostics. , 2016, , 1-42.		0
1010	Functional Dendrimers as Nanoscale Theranostic Vehicles for Cancer Treatment. , 2016, , 327-353.		0
1011	Towards the Fabrication of Polyelectrolyte-Based Nanocapsules for Bio-Medical Applications. BioNanoScience, 2016, 6, 496-501.	1.5	7
1012	Enhanced Antiglioblastoma Efficacy of Neovasculature and Glioma Cells Dual Targeted Nanoparticles. Molecular Pharmaceutics, 2016, 13, 3506-3517.	2.3	27
1013	Lipid-based nanovesicles for nanomedicine. Chemical Society Reviews, 2016, 45, 6520-6545.	18.7	224
1014	Fabrication of Functional Nano-objects through RAFT Dispersion Polymerization and Influences of Morphology on Drug Delivery. ACS Applied Materials & Interfaces, 2016, 8, 18347-18359.	4.0	65
1015	Novel targets for paclitaxel nano formulations: Hopes and hypes in triple negative breast cancer. Pharmacological Research, 2016, 111, 577-591.	3.1	46
1016	Light-controlled active release of photocaged ciprofloxacin for lipopolysaccharide-targeted drug delivery using dendrimer conjugates. Chemical Communications, 2016, 52, 10357-10360.	2.2	48
1017	Benzoicâ€lmineâ€Based Physiologicalâ€pHâ€Responsive Materials for Biomedical Applications. Chemistry - an Asian Journal, 2016, 11, 2633-2641.	1.7	59

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#		IF	CITATIONS
1018	Mesoporous Silica Nanoparticle-Supported Lipid Bilayers (Protocells) for Active Targeting and Delivery to Individual Leukemia Cells. ACS Nano, 2016, 10, 8325-8345.	7.3	180
1019	Nanomaterial-based vaccine adjuvants. Journal of Materials Chemistry B, 2016, 4, 5496-5509.	2.9	96
1020	Polymeric Nanoparticles for Cryobiological Applications. Frontiers in Nanobiomedical Research, 2016, , 277-300.	0.1	0
1021	Artificial Dense Granules: A Procoagulant Liposomal Formulation Modeled after Platelet Polyphosphate Storage Pools. Biomacromolecules, 2016, 17, 2572-2581.	2.6	25
1022	Effect of cross-linker glutaraldehyde on gastric digestion of emulsified albumin. Colloids and Surfaces B: Biointerfaces, 2016, 145, 899-905.	2.5	14
1023	The breast cancer stem cell potency of copper(<scp>ii</scp>) complexes bearing nonsteroidal anti-inflammatory drugs and their encapsulation using polymeric nanoparticles. Dalton Transactions, 2016, 45, 17867-17873.	1.6	42
1024	Hyperbranched polyglycerol-grafted titanium oxide nanoparticles: synthesis, derivatization, characterization, size separation, and toxicology. Materials Research Express, 2016, 3, 105049.	0.8	14
1025	Metal Ion Ornamented Ultrafast Light-Sensitive Nanogel for Potential in Vivo Cancer Therapy. Chemistry of Materials, 2016, 28, 8598-8610.	3.2	35
1026	Co-Delivery of angiostatin and curcumin by a biodegradable polymersome for antiangiogenic therapy. RSC Advances, 2016, 6, 105442-105448.	1.7	7
1027	Late stage drainage of block copolymer stabilized emulsion drops. Soft Matter, 2016, 12, 9616-9621.	1.2	2
1028	Staphylococcal Adhesion, Detachment and Transmission on Nanopillared Si Surfaces. ACS Applied Materials & Interfaces, 2016, 8, 30430-30439.	4.0	57
1029	Exploiting the Metal-Chelating Properties of the Drug Cargo for <i>In Vivo</i> Positron Emission Tomography Imaging of Liposomal Nanomedicines. ACS Nano, 2016, 10, 10294-10307.	7.3	83
1030	Binding of human serum albumin to PEGylated liposomes: insights into binding numbers and dynamics by fluorescence correlation spectroscopy. Nanoscale, 2016, 8, 19726-19736.	2.8	32
1031	Bio-based elastomer nanoparticles with controllable biodegradability. RSC Advances, 2016, 6, 102142-102148.	1.7	6
1032	Discovery of a new function of curcumin which enhances its anticancer therapeutic potency. Scientific Reports, 2016, 6, 30962.	1.6	85
1033	pH-Sensitive Pt Nanocluster Assembly Overcomes Cisplatin Resistance and Heterogeneous Stemness of Hepatocellular Carcinoma. ACS Central Science, 2016, 2, 802-811.	5.3	101
1034	A designed lipopeptide with a leucine zipper as an imbedded on/off switch for lipid bilayers. Physical Chemistry Chemical Physics, 2016, 18, 10129-10137.	1.3	13
1035	Phenylboronic acid-decorated gelatin nanoparticles for enhanced tumor targeting and penetration. Nanotechnology, 2016, 27, 385101.	1.3	30

#	Article	IF	CITATIONS
1036	Synergistic Enhancement of Antitumor Efficacy by PEGylated Multi-walled Carbon Nanotubes Modified with Cell-Penetrating Peptide TAT. Nanoscale Research Letters, 2016, 11, 452.	3.1	15
1037	Nanomedicines for renal disease: current status and future applications. Nature Reviews Nephrology, 2016, 12, 738-753.	4.1	179
1038	Cold Nanoparticles for the Treatment of Malignant Gliomas. , 2016, , 151-176.		2
1039	pHâ€Triggered Chargeâ€Reversal Polyurethane Micelles for Controlled Release of Doxorubicin. Macromolecular Bioscience, 2016, 16, 925-935.	2.1	30
1040	Ultraâ€pHâ€Responsive and Tumorâ€Penetrating Nanoplatform for Targeted siRNA Delivery with Robust Anti ancer Efficacy. Angewandte Chemie, 2016, 128, 7207-7210.	1.6	10
1041	Magnetically active micromixer assisted synthesis of drug nanocomplexes exhibiting strong bactericidal potential. Materials Science and Engineering C, 2016, 68, 455-464.	3.8	14
1042	Aptamer-modified polymer nanoparticles for targeted drug delivery. BioNanoMaterials, 2016, 17, 43-51.	1.4	15
1043	Polymer–iron oxide composite nanoparticles for EPR-independent drug delivery. Biomaterials, 2016, 101, 285-295.	5.7	78
1044	Response of heterogeneous cancer cells on targeted nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2127-2137.	1.7	3
1045	Biodegradable Nanoparticles and Their In Vivo Fate. , 2016, , 21-39.		1
1046	Silver nanoparticles interact with the cell membrane and increase endothelial permeability by promoting VE-cadherin internalization. Journal of Hazardous Materials, 2016, 317, 570-578.	6.5	63
1047	Rosin-based block copolymer intracellular delivery nanocarriers with reduction-responsive sheddable coronas for cancer therapy. Polymer Chemistry, 2016, 7, 4751-4760.	1.9	27
1048	Mini-review: fluorescence imaging in cancer cells using dye-doped nanoparticles. RSC Advances, 2016, 6, 65459-65474.	1.7	49
1049	Novel folate-targeted docetaxel-loaded nanoparticles for tumour targeting: in vitro and in vivo evaluation. RSC Advances, 2016, 6, 64306-64314.	1.7	5
1050	A multifunctional DNA origami as carrier of metal complexes to achieve enhanced tumoral delivery and nullified systemic toxicity. Biomaterials, 2016, 103, 183-196.	5.7	101
1051	Engineered Metal-Phenolic Capsules Show Tunable Targeted Delivery to Cancer Cells. Biomacromolecules, 2016, 17, 2268-2276.	2.6	89
1052	Dose-dependent autophagic effect of titanium dioxide nanoparticles in human HaCaT cells at non-cytotoxic levels. Journal of Nanobiotechnology, 2016, 14, 22.	4.2	101
1053	Insight into the Modification of Polymeric Micellar and Liposomal Nanocarriers by Fluorescein-Labeled Lipids and Uptake-Mediating Lipopeptides. Langmuir, 2016, 32, 6928-6939.	1.6	11

#	Article	IF	CITATIONS
1054	Protocells: Modular Mesoporous Silica Nanoparticleâ€&upported Lipid Bilayers for Drug Delivery. Small, 2016, 12, 2173-2185.	5.2	150
1055	Nanocarriers for cancer-targeted drug delivery. Journal of Drug Targeting, 2016, 24, 179-191.	2.1	423
1056	Decidua-derived mesenchymal stem cells as carriers of mesoporous silica nanoparticles. In vitro and in vivo evaluation on mammary tumors. Acta Biomaterialia, 2016, 33, 275-282.	4.1	59
1057	Prolonged vasodilatory response to nanoencapsulated sildenafil in pulmonary hypertension. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 63-68.	1.7	19
1058	Molecular dynamics simulation study of boron-nitride nanotubes as a drug carrier: from encapsulation to releasing. RSC Advances, 2016, 6, 9344-9351.	1.7	47
1059	Facile synthesis of novel albumin-functionalized flower-like MoS ₂ nanoparticles for in vitro chemo-photothermal synergistic therapy. RSC Advances, 2016, 6, 13040-13049.	1.7	56
1060	Multicomponent Supramolecular Polymers as a Modular Platform for Intracellular Delivery. ACS Nano, 2016, 10, 1845-1852.	7.3	81
1061	Paclitaxel and Tacrolimus Coencapsulated Polymeric Micelles That Enhance the Therapeutic Effect of Drug-Resistant Ovarian Cancer. ACS Applied Materials & Interfaces, 2016, 8, 4368-4377.	4.0	39
1062	PEG-derivatized octacosanol as micellar carrier for paclitaxel delivery. International Journal of Pharmaceutics, 2016, 500, 345-359.	2.6	32
1063	Nanotechnology-based strategies for combating toxicity and resistance in melanoma therapy. Biotechnology Advances, 2016, 34, 565-577.	6.0	39
1064	Ligand-targeted theranostic nanomedicines against cancer. Journal of Controlled Release, 2016, 240, 267-286.	4.8	154
1065	Synthesis of fluorescent nitrogen-doped carbon dots from dried shrimps for cell imaging and boldine drug delivery system. RSC Advances, 2016, 6, 12169-12179.	1.7	113
1066	Dual redox-triggered shell-sheddable micelles self-assembled from mPEGylated starch conjugates for rapid drug release. RSC Advances, 2016, 6, 9164-9174.	1.7	29
1067	Artificial oil body as a potential oral administration system in zebrafish. Journal of the Taiwan Institute of Chemical Engineers, 2016, 61, 46-53.	2.7	7
1068	Biological interactions of carbon-based nanomaterials: From coronation to degradation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 333-351.	1.7	322
1069	Adsorption behavior of 5-fluorouracil on pristine, B-, Si-, and Al-doped C60 fullerenes: A first-principles study. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 937-941.	0.9	102
1070	Self-Assembled Cationic Biodegradable Nanoparticles from pH-Responsive Amino-Acid-Based Poly(Ester) Tj ETQq(0 0 0 rgBT 2.6	/Overlock 10

1071Liposome-Cross-Linked Hybrid Hydrogels for Glutathione-Triggered Delivery of Multiple Cargo2.6781071Molecules. Biomacromolecules, 2016, 17, 601-614.2.678

#	Article	IF	CITATIONS
1072	Smart micro/nanoparticles in stimulus-responsive drug/gene delivery systems. Chemical Society Reviews, 2016, 45, 1457-1501.	18.7	1,152
1073	Targeting tumor microenvironment with PEG-based amphiphilic nanoparticles to overcome chemoresistance. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 269-286.	1.7	95
1074	Synthesis of mesoporous titanium oxide for release control and high efficiency drug delivery of vinorelbine bitartrate. RSC Advances, 2016, 6, 13145-13151.	1.7	12
1075	Enhanced in vivo antitumor efficacy of dual-functional peptide-modified docetaxel nanoparticles through tumor targeting and Hsp90 inhibition. Journal of Controlled Release, 2016, 221, 26-36.	4.8	35
1076	Membrane Translocation and Organelle-Selective Delivery Steered by Polymeric Zwitterionic Nanospheres. Biomacromolecules, 2016, 17, 1523-1535.	2.6	32
1077	Bacteriophages and phage-inspired nanocarriers for targeted delivery of therapeutic cargos. Advanced Drug Delivery Reviews, 2016, 106, 45-62.	6.6	133
1078	In Vitro Investigation of Influences of Chitosan Nanoparticles on Fluorescein Permeation into Alveolar Macrophages. Pharmaceutical Research, 2016, 33, 1497-1508.	1.7	9
1079	Surface-Adaptive, Antimicrobially Loaded, Micellar Nanocarriers with Enhanced Penetration and Killing Efficiency in Staphylococcal Biofilms. ACS Nano, 2016, 10, 4779-4789.	7.3	293
1080	Rational engineering of physicochemical properties of nanomaterials for biomedical applications with nanotoxicological perspectives. Nano Convergence, 2016, 3, 1.	6.3	296
1081	Recent Progress in Cancer Thermal Therapy Using Gold Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 4691-4716.	1.5	778
1082	Core–Shell Electrospun Fibers Encapsulating Chromophores or Luminescent Proteins for Microscopically Controlled Molecular Release. Molecular Pharmaceutics, 2016, 13, 729-736.	2.3	25
1083	Development of an antibody-binding modular nanoplatform for antibody-guided targeted cell imaging and delivery. RSC Advances, 2016, 6, 19208-19213.	1.7	22
1084	Bioactive cell-like hybrids coassembled from (glyco)dendrimersomes with bacterial membranes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1134-41.	3.3	69
1085	Polymer-lipid hybrid systems: merging the benefits of polymeric and lipid-based nanocarriers to improve oral drug delivery. Expert Opinion on Drug Delivery, 2016, 13, 691-707.	2.4	80
1086	Nanoparticle Attachment to Erythrocyte Via the Glycophorin A Targeted ERY1 Ligand Enhances Binding without Impacting Cellular Function. Pharmaceutical Research, 2016, 33, 1191-1203.	1.7	20
1087	Glyco-nano-oncology: Novel therapeutic opportunities by combining small and sweet. Pharmacological Research, 2016, 109, 45-54.	3.1	37
1088	Subcellular behaviour evaluation of nanopharmaceuticals with aggregation-induced emission molecules. Journal of Materials Chemistry C, 2016, 4, 2719-2730.	2.7	12
1089	Drug-Initiated Synthesis of Polymer Prodrugs: Combining Simplicity and Efficacy in Drug Delivery. Chemistry of Materials, 2016, 28, 1591-1606.	3.2	86

#	Article	IF	CITATIONS
1090	Nanomanufacturing: A Perspective. ACS Nano, 2016, 10, 2995-3014.	7.3	176
1091	Shooting for the Moon: Nanoscale Approaches to Cancer. ACS Nano, 2016, 10, 1711-1713.	7.3	11
1092	A charge-conversional intracellular-activated polymeric prodrug for tumor therapy. Polymer Chemistry, 2016, 7, 2253-2263.	1.9	32
1093	Recent advances in mesoporous silica nanoparticles for antitumor therapy: our contribution. Biomaterials Science, 2016, 4, 803-813.	2.6	87
1094	One-Step Self-Assembling Method to Prepare Dual-Functional Transferrin Nanoparticles for Antitumor Drug Delivery. Journal of Pharmaceutical Sciences, 2016, 105, 1269-1276.	1.6	15
1095	Degradable Controlled-Release Polymers and Polymeric Nanoparticles: Mechanisms of Controlling Drug Release. Chemical Reviews, 2016, 116, 2602-2663.	23.0	2,018
1096	The Next Generation of Platinum Drugs: Targeted Pt(II) Agents, Nanoparticle Delivery, and Pt(IV) Prodrugs. Chemical Reviews, 2016, 116, 3436-3486.	23.0	1,895
1097	Enhanced intracellular delivery of small molecules and drugs via non-covalent ternary dispersions of single-wall carbon nanotubes. Journal of Materials Chemistry B, 2016, 4, 1324-1330.	2.9	10
1098	Quantitative analysis of nanoparticle transport through <i>in vitro</i> blood-brain barrier models. Tissue Barriers, 2016, 4, e1143545.	1.6	14
1099	pH sensitive coiled coils: a strategy for enhanced liposomal drug delivery. Nanoscale, 2016, 8, 5139-5145.	2.8	24
1100	Development of an itraconazole encapsulated polymeric nanoparticle platform for effective antifungal therapy. Journal of Materials Chemistry B, 2016, 4, 1787-1796.	2.9	38
1101	Super Resolution Imaging of Nanoparticles Cellular Uptake and Trafficking. ACS Applied Materials & Interfaces, 2016, 8, 6391-6399.	4.0	91
1102	Electrospun pH-sensitive core–shell polymer nanocomposites fabricated using a tri-axial process. Acta Biomaterialia, 2016, 35, 77-86.	4.1	161
1103	From structures to functions: insights into exosomes as promising drug delivery vehicles. Biomaterials Science, 2016, 4, 910-921.	2.6	105
1104	Multifunctional TK-VLPs nanocarrier for tumor-targeted delivery. International Journal of Pharmaceutics, 2016, 502, 249-257.	2.6	6
1105	Maleimide-functionalized poly(2-ethyl-2-oxazoline): synthesis and reactivity. Polymer Chemistry, 2016, 7, 2419-2426.	1.9	10
1106	Stimuli-Sensitive Nanopreparations: Overview. , 2016, , 1-48.		0
1107	Fabrication of Alginate/Calcium Carbonate Hybrid Microparticles for Synergistic Drug Delivery. Chemotherapy, 2016, 61, 32-40.	0.8	13

#	Article	IF	CITATIONS
1108	Nanoparticle-Hydrogel: A Hybrid Biomaterial System for Localized Drug Delivery. Annals of Biomedical Engineering, 2016, 44, 2049-2061.	1.3	183
1109	Aggregation Induced Emission Mediated Controlled Release by Using a Built-In Functionalized Nanocluster with Theranostic Features. Journal of Medicinal Chemistry, 2016, 59, 410-418.	2.9	24
1110	Reduction-Degradable Polymeric Micelles Decorated with PArg for Improving Anticancer Drug Delivery Efficacy. ACS Applied Materials & Interfaces, 2016, 8, 2193-2203.	4.0	35
1111	Challenges in modelling nanoparticles for drug delivery. Journal of Physics Condensed Matter, 2016, 28, 023002.	0.7	14
1112	Recent developments in micro- and nanofabrication techniques for the preparation of amorphous pharmaceutical dosage forms. Advanced Drug Delivery Reviews, 2016, 100, 67-84.	6.6	60
1113	Drug delivery system targeting advanced hepatocellular carcinoma: Current and future. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 853-869.	1.7	89
1114	Cytotoxicity and apoptotic gene expression in an in vitro model of the blood–brain barrier following exposure to poly(butylcyanoacrylate) nanoparticles. Journal of Drug Targeting, 2016, 24, 635-644.	2.1	2
1115	Emerging Frontiers in Drug Delivery. Journal of the American Chemical Society, 2016, 138, 704-717.	6.6	776
1116	Advances in silica based nanoparticles for targeted cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 317-332.	1.7	145
1117	One-pot Synthesis of Metal–Organic Frameworks with Encapsulated Target Molecules and Their Applications for Controlled Drug Delivery. Journal of the American Chemical Society, 2016, 138, 962-968.	6.6	1,073
1118	Fate of Organic Functionalities Conjugated to Theranostic Nanoparticles upon Their Activation. Bioconjugate Chemistry, 2016, 27, 446-456.	1.8	2
1119	Intracellular delivery of biomineralized monoclonal antibodies to combat viral infection. Chemical Communications, 2016, 52, 1879-1882.	2.2	12
1120	Radiosensitization of TPGS-emulsified docetaxel-loaded poly(lactic-co-glycolic acid) nanoparticles in CNE-1 and A549 cells. Journal of Biomaterials Applications, 2016, 30, 1127-1141.	1.2	7
1121	Polymer assembly: Promising carriers as co-delivery systems for cancer therapy. Progress in Polymer Science, 2016, 58, 1-26.	11.8	86
1122	"Combo―nanomedicine: Co-delivery of multi-modal therapeutics for efficient, targeted, and safe cancer therapy. Advanced Drug Delivery Reviews, 2016, 98, 3-18.	6.6	399
1123	Recent advances of cocktail chemotherapy by combination drug delivery systems. Advanced Drug Delivery Reviews, 2016, 98, 19-34.	6.6	496
1124	Inhaled sildenafil nanocomposites: lung accumulation and pulmonary pharmacokinetics. Pharmaceutical Development and Technology, 2016, 21, 961-971.	1.1	14
1125	Synthesis of doxorubicin-PLGA loaded chitosan stabilized (Mn, Zn)Fe 2 O 4 nanoparticles: Biological activity and pH-responsive drug release. Materials Science and Engineering C, 2016, 59, 235-240.	3.8	50

#	Article	IF	CITATIONS
1126	Smart and hyper-fast responsive polyprodrug nanoplatform for targeted cancer therapy. Biomaterials, 2016, 76, 238-249.	5.7	88
1127	Triamcinolone–carbon nanotube conjugation inhibits inflammation of human arthritis synovial fibroblasts. Journal of Materials Chemistry B, 2016, 4, 1660-1671.	2.9	13
1129	Understanding the interactions between porphyrin-containing photosensitizers and polymer-coated nanoparticles in model biological environments. Journal of Colloid and Interface Science, 2016, 461, 225-231.	5.0	20
1130	Biomedical applications of nano-titania in theranostics and photodynamic therapy. Biomaterials Science, 2016, 4, 40-54.	2.6	117
1131	Evaluation of the efficacy of systemic miltefosine associated with photodynamic therapy with liposomal chloroaluminium phthalocyanine in the treatment of cutaneous leishmaniasis caused by Leishmania (L.) amazonensis in C57BL/6 mice. Photodiagnosis and Photodynamic Therapy, 2016, 13, 282-290.	1.3	31
1132	A new peptide ligand for colon cancer targeted delivery of micelles. Drug Delivery, 2016, 23, 1763-1772.	2.5	27
1133	Activated Ester Containing Polymers: Opportunities and Challenges for the Design of Functional Macromolecules. Chemical Reviews, 2016, 116, 1434-1495.	23.0	340
1134	Study of noncovalent interactions of end-caped sulfur-doped carbon nanotubes using DFT, QTAIM, NBO and NCI calculations. Structural Chemistry, 2016, 27, 739-751.	1.0	23
1135	Gold nanoprobe-based method for sensing activated leukocyte cell adhesion molecule (ALCAM) gene expression, as a breast cancer biomarker. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 277-282.	1.9	6
1136	Pharmacokinetics and tissue distribution of larotaxel in rats: comparison of larotaxel solution with larotaxel-loaded folate receptor-targeting amphiphilic copolymer-modified liposomes. Xenobiotica, 2017, 47, 416-422.	0.5	3
1137	Effect of Solvent Water Molecules on Human Serum Albumin Complex-Docked Paclitaxel by MM-PBSA Method. Interdisciplinary Sciences, Computational Life Sciences, 2017, 9, 205-213.	2.2	3
1138	Toxicity, pharmacokinetics, and <i>in vivo</i> efficacy of biotinylated chitosan surface-modified PLGA nanoparticles for tumor therapy. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1115-1122.	1.9	23
1139	pH-Responsive nanodrug encapsulated by tannic acid complex for controlled drug delivery. RSC Advances, 2017, 7, 2829-2835.	1.7	43
1140	Dual pH and ultrasound responsive nanoparticles with pH triggered surface charge-conversional properties. Polymer Chemistry, 2017, 8, 1328-1340.	1.9	38
1141	Targeting of herbal bioactives through folate receptors: a novel concept to enhance intracellular drug delivery in cancer therapy. Journal of Receptor and Signal Transduction Research, 2017, 37, 314-323.	1.3	18
1142	Realâ€īime Monitoring of Nanoparticle Formation by FRET Imaging. Angewandte Chemie, 2017, 129, 2969-2972.	1.6	7
1143	Realâ€Time Monitoring of Nanoparticle Formation by FRET Imaging. Angewandte Chemie - International Edition, 2017, 56, 2923-2926.	7.2	27
1144	SPIONs as Nano-Theranostics Agents. SpringerBriefs in Applied Sciences and Technology, 2017, , .	0.2	2

#	Article	IF	CITATIONS
1145	Study of specific interactions in inclusion complexes of amine-terminated PAMAM dendrimer/flavonoids by experimental and computational methods. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 485-494.	1.8	4
1146	Ethnopharmacological investigation of the aerial part of <i>Phragmites karka</i> (Poaceae). Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 283-291.	0.7	7
1147	Multi-responsive core-crosslinked poly (thiolether ester) micelles for smart drug delivery. Polymer, 2017, 110, 235-241.	1.8	19
1148	Targeted nanoparticles encapsulating (â^')-epigallocatechin-3-gallate for prostate cancer prevention and therapy. Scientific Reports, 2017, 7, 41573.	1.6	91
1149	Relay Drug Delivery for Amplifying Targeting Signal and Enhancing Anticancer Efficacy. Advanced Materials, 2017, 29, 1605803.	11.1	56
1150	Generation of anti-inflammatory macrophages for implants and regenerative medicine using self-standing release systems with a phenotype-fixing cytokine cocktail formulation. Acta Biomaterialia, 2017, 53, 389-398.	4.1	34
1151	Gastrointestinal interactions, absorption, splanchnic metabolism and pharmacokinetics of orally ingested phenolic compounds. Food and Function, 2017, 8, 15-38.	2.1	128
1152	SPIONs as Nano-Theranostics Agents. SpringerBriefs in Applied Sciences and Technology, 2017, , 1-44.	0.2	3
1153	Potential drug – nanosensor conjugates: Raman, infrared absorption, surface – enhanced Raman, and density functional theory investigations of indolic molecules. Applied Surface Science, 2017, 404, 168-179.	3.1	15
1154	Positioning metal-organic framework nanoparticles within the context of drug delivery – A comparison with mesoporous silica nanoparticles and dendrimers. Biomaterials, 2017, 123, 172-183.	5.7	221
1155	Engineering platelet-mimicking drug delivery vehicles. Frontiers of Chemical Science and Engineering, 2017, 11, 624-632.	2.3	29
1156	Nanodrug delivery systems for targeting the endogenous tumor microenvironment and simultaneously overcoming multidrug resistance properties. Journal of Controlled Release, 2017, 251, 49-67.	4.8	104
1157	Rational Design of Cancer Nanomedicine: Nanoproperty Integration and Synchronization. Advanced Materials, 2017, 29, 1606628.	11.1	771
1158	Engineered polymeric nanoparticles to guide the cellular internalization and trafficking of small interfering ribonucleic acids. Journal of Controlled Release, 2017, 259, 3-15.	4.8	33
1159	Intracellular Delivery of Colloidally Stable Core-Cross-Linked Triblock Copolymer Micelles with Glutathione-Responsive Enhanced Drug Release for Cancer Therapy. Molecular Pharmaceutics, 2017, 14, 2518-2528.	2.3	24
1160	Oxygen Nanobubble Tracking by Light Scattering in Single Cells and Tissues. ACS Nano, 2017, 11, 2682-2688.	7.3	42
1161	A Glycyrrhetinic Acid-Modified Curcumin Supramolecular Hydrogel for liver tumor targeting therapy. Scientific Reports, 2017, 7, 44210.	1.6	52
1162	Doceaqualip in a patient with prostate cancer who had an allergic reaction to conventional docetaxel: A case report. Molecular and Clinical Oncology, 2017, 6, 341-343.	0.4	19

#	Article	IF	CITATIONS
1163	Porous Silicon: From Optical Sensor to Drug Delivery System. , 2017, , 217-252.		1
1164	Long wavelength excitable near-infrared fluorescent nanoparticles with aggregation-induced emission characteristics for image-guided tumor resection. Chemical Science, 2017, 8, 2782-2789.	3.7	159
1165	A Monte Carlo study of I-125 prostate brachytherapy with gold nanoparticles: dose enhancement with simultaneous rectal dose sparing via radiation shielding. Physics in Medicine and Biology, 2017, 62, 1935-1948.	1.6	21
1166	Improved Targeting of Cancers with Nanotherapeutics. Methods in Molecular Biology, 2017, 1530, 13-37.	0.4	11
1167	Acoustic Separation of Nanoparticles in Continuous Flow. Advanced Functional Materials, 2017, 27, 1606039.	7.8	106
1168	Biomimetic shear stress and nanoparticulate drug delivery. Journal of Pharmaceutical Investigation, 2017, 47, 133-139.	2.7	9
1169	Nanomedicine. , 2017, , 71-92.		1
1170	Electrospun core/shell nanofibers as designed devices for efficient Artemisinin delivery. European Polymer Journal, 2017, 89, 211-220.	2.6	34
1171	Magnetically triggered drug release from nanoparticles and its applications in anti-tumor treatment. Drug Delivery, 2017, 24, 511-518.	2.5	33
1172	Erythrocyte–Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization. Advanced Materials, 2017, 29, 1606209.	11.1	507
1173	Synthesis of novel cross-linked s-triazine-containing poly(aryl ether)s nanoparticles for biological fluorescent labeling. Designed Monomers and Polymers, 2017, 20, 389-396.	0.7	4
1174	An Integrinâ€Targeting RGDKâ€Tagged Nanocarrier: Anticancer Efficacy of Loaded Curcumin. ChemMedChem, 2017, 12, 738-750.	1.6	16
1175	Multiscale simulations reveal IRMOF-74-III as a potent drug carrier for gemcitabine delivery. Journal of Materials Chemistry B, 2017, 5, 3277-3282.	2.9	49
1177	Effects of curcumin-loaded PLGA nanoparticles on the RG2 rat glioma model. Materials Science and Engineering C, 2017, 78, 32-38.	3.8	68
1178	In vivo cancer research using aggregation-induced emission organic nanoparticles. Drug Discovery Today, 2017, 22, 1412-1420.	3.2	22
1179	Curcumin/sunitinib co-loaded BSA-stabilized SPIOs for synergistic combination therapy for breast cancer. Journal of Materials Chemistry B, 2017, 5, 4060-4072.	2.9	22
1180	Cascade post-polymerization modification of single pentafluorophenyl ester-bearing homopolymer as a facile route to redox-responsive nanogels. Journal of Colloid and Interface Science, 2017, 501, 94-102.	5.0	23
1181	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. Chemical Reviews, 2017, 117, 6538-6631.	23.0	146

#	Article	IF	CITATIONS
1182	Temperature Treatment of Highly Porous Zirconium-Containing Metal–Organic Frameworks Extends Drug Delivery Release. Journal of the American Chemical Society, 2017, 139, 7522-7532.	6.6	269
1183	Nanotoxicity in Systemic Circulation and Wound Healing. Chemical Research in Toxicology, 2017, 30, 1253-1274.	1.7	48
1184	Modular synthesis of self-assembling Janus-dendrimers and facile preparation of drug-loaded dendrimersomes. Nanoscale, 2017, 9, 7189-7198.	2.8	23
1185	Surface chemistry of carbon nanoparticles functionally select their uptake in various stages of cancer cells. Nano Research, 2017, 10, 3269-3284.	5.8	55
1186	Advanced Analgesic Drug Delivery and Nanobiotechnology. Drugs, 2017, 77, 1069-1076.	4.9	24
1187	Toxicity evaluation of methoxy poly(ethylene oxide)- block -poly(ε-caprolactone) polymeric micelles following multiple oral and intraperitoneal administration to rats. Saudi Pharmaceutical Journal, 2017, 25, 944-953.	1.2	12
1188	ICAM-1-Targeted Liposomes Loaded with Liver X Receptor Agonists Suppress PDGF-Induced Proliferation of Vascular Smooth Muscle Cells. Nanoscale Research Letters, 2017, 12, 322.	3.1	22
1189	Pulmonary delivery of nanoparticle chemotherapy for the treatment of lung cancers: challenges and opportunities. Acta Pharmacologica Sinica, 2017, 38, 782-797.	2.8	196
1190	Fundamental studies on throughput capacities of hydrodynamic flow-focusing microfluidics for producing monodisperse polymer nanoparticles. Chemical Engineering Science, 2017, 169, 128-139.	1.9	69
1191	Polymeric Nanocarriers Based on Cyclodextrins for Drug Delivery: Host–Guest Interaction as Stimuli Responsive Linker. Molecular Pharmaceutics, 2017, 14, 2475-2486.	2.3	98
1192	Probing the threshold of membrane damage and cytotoxicity effects induced by silica nanoparticles in Escherichia coli bacteria. Advances in Colloid and Interface Science, 2017, 245, 81-91.	7.0	29
1193	Farnesylthiosalicylic acid-loaded lipid–polyethylene glycol–polymer hybrid nanoparticles for treatment of glioblastoma. Journal of Pharmacy and Pharmacology, 2017, 69, 1010-1021.	1.2	16
1194	Acid–degradable carboxymethyl chitosan nanogels via an ortho ester linkage mediated improved penetration and growth inhibition of 3-D tumor spheroids in vitro. Materials Science and Engineering C, 2017, 78, 246-257.	3.8	45
1195	Molecularly Imprinted Nanogels Acquire Stealth Inâ€Situ by Cloaking Themselves with Native Dysopsonic Proteins. Angewandte Chemie - International Edition, 2017, 56, 7088-7092.	7.2	115
1196	Molecularly Imprinted Nanogels Acquire Stealth Inâ€Situ by Cloaking Themselves with Native Dysopsonic Proteins. Angewandte Chemie, 2017, 129, 7194-7198.	1.6	33
1197	Lipidoid mRNA Nanoparticles for Myocardial Delivery in Rodents. Methods in Molecular Biology, 2017, 1521, 153-166.	0.4	15
1198	Redox and pH Dual Responsive Polymer Based Nanoparticles for In Vivo Drug Delivery. Small, 2017, 13, 1602379.	5.2	66
1199	Design of nanocarriers for nanoscale drug delivery to enhance cancer treatment using hybrid polymer and lipid building blocks. Nanoscale, 2017, 9, 1334-1355.	2.8	132

#	Article	IF	CITATIONS
1200	Microfluidics Enabled Bottom-Up Engineering of 3D Vascularized Tumor for Drug Discovery. ACS Nano, 2017, 11, 6691-6702.	7.3	121
1201	Formation of Polyrotaxane Particles via Template Assembly. Biomacromolecules, 2017, 18, 2118-2127.	2.6	9
1202	Evolution of the scientific literature on drug delivery: A 1974–2015 bibliometric study. Journal of Controlled Release, 2017, 260, 226-233.	4.8	24
1203	Polymeric nanocarriers for cancer theranostics. Polymers for Advanced Technologies, 2017, 28, 1572-1582.	1.6	14
1204	Hybrid Prodrug Nanoparticles with Tumor Penetration and Programmed Drug Activation for Enhanced Chemoresistant Cancer Therapy. ACS Applied Materials & Interfaces, 2017, 9, 18450-18461.	4.0	24
1205	Zebrafish as a visual and dynamic model to study the transport of nanosized drug delivery systems across the biological barriers. Colloids and Surfaces B: Biointerfaces, 2017, 156, 227-235.	2.5	37
1206	A multifunctional nanocomplex for enhanced cell uptake, endosomal escape and improved cancer therapeutic effect. Nanomedicine, 2017, 12, 1401-1420.	1.7	15
1207	Biomimetic Silica Nanocapsules for Tunable Sustained Release and Cargo Protection. Langmuir, 2017, 33, 5777-5785.	1.6	24
1208	Biodegradable "Smart―Polyphosphazenes with Intrinsic Multifunctionality as Intracellular Protein Delivery Vehicles. Biomacromolecules, 2017, 18, 2000-2011.	2.6	41
1209	Construction of highly stable selenium nanoparticles embedded in hollow nanofibers of polysaccharide and their antitumor activities. Nano Research, 2017, 10, 3775-3789.	5.8	45
1210	Band gap dependence of semiconducting nano-wires on cross-sectional shape and size. Indian Journal of Physics, 2017, 91, 1493-1501.	0.9	10
1211	Characterization of Nanoencapsulated Centella asiatica and Zingiber officinale Extract Using Combination of Malto Dextrin and Gum Arabic as Matrix. IOP Conference Series: Materials Science and Engineering, 2017, 172, 012065.	0.3	6
1212	Tumor Microenvironment-Responsive Multistaged Nanoplatform for Systemic RNAi and Cancer Therapy. Nano Letters, 2017, 17, 4427-4435.	4.5	119
1213	Surface PEGylation of Mesoporous Silica Nanorods (MSNR): Effect on loading, release, and delivery of mitoxantrone in hypoxic cancer cells. Scientific Reports, 2017, 7, 2274.	1.6	36
1214	Photoactivatable fluorescent probes reveal heterogeneous nanoparticle permeation through biological gels at multiple scales. Journal of Controlled Release, 2017, 260, 124-133.	4.8	14
1215	Characterization of drug delivery particles produced by supercritical carbon dioxide technologies. Journal of Supercritical Fluids, 2017, 128, 244-262.	1.6	40
1216	Polymeric nanoparticles: A study on the preparation variables and characterization methods. Materials Science and Engineering C, 2017, 80, 771-784.	3.8	402
1217	PEGylation on mixed monolayer gold nanoparticles: Effect of grafting density, chain length, and surface curvature. Journal of Colloid and Interface Science, 2017, 504, 325-333.	5.0	46

#	Article	IF	CITATIONS
1218	Efficient megalin targeted delivery to renal proximal tubular cells mediated by modified-polymyxin B-polyethylenimine based nano-gene-carriers. Materials Science and Engineering C, 2017, 79, 770-782.	3.8	42
1219	Nanomaterials engineering for drug delivery: a hybridization approach. Journal of Materials Chemistry B, 2017, 5, 3995-4018.	2.9	96
1220	An emerging integration between ionic liquids and nanotechnology: general uses and future prospects in drug delivery. Therapeutic Delivery, 2017, 8, 461-473.	1.2	38
1221	Therapeutic Nanoparticles for Targeted Delivery of Anticancer Drugs. , 2017, , 245-259.		23
1222	Reduction- and pH-Sensitive Hyaluronan Nanoparticles for Delivery of Iridium(III) Anticancer Drugs. Biomacromolecules, 2017, 18, 2102-2117.	2.6	48
1223	Micro-Raman spectroscopy as an enabling tool for long-term intracellular studies of nanomaterials at nanomolar concentration levels. Journal of Materials Chemistry B, 2017, 5, 6536-6545.	2.9	7
1224	Surface Engineered Nanoparticles: Considerations for Biomedical Applications. Advanced Engineering Materials, 2017, 19, 1700302.	1.6	6
1225	Cancer-on-a-chip systems at the frontier of nanomedicine. Drug Discovery Today, 2017, 22, 1392-1399.	3.2	102
1226	Nanoparticles for immune system targeting. Drug Discovery Today, 2017, 22, 1295-1301.	3.2	43
1227	2d distribution mapping of quantum dots injected onto filtration paper by laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 131, 107-114.	1.5	12
1228	Laser-induced fabrication of gold nanoparticles on shellac-driven peptide nanostructures. Materials Research Express, 2017, 4, 035036.	0.8	10
1229	Characterization of Calcined Jade and its immunomodulatory effect on macrophage isolated from Swiss albino mice. Journal of Traditional and Complementary Medicine, 2017, 7, 487-493.	1.5	1
1230	Immobilization of chymotrypsin on hierarchical nylon 6,6 nanofiber improves enzyme performance. Colloids and Surfaces B: Biointerfaces, 2017, 154, 270-278.	2.5	36
1231	Design and evaluation of a phospholipase D based drug delivery strategy of novel phosphatidyl-prodrug. Biomaterials, 2017, 131, 1-14.	5.7	21
1233	Non-invasive aerosol delivery and transport of gold nanoparticles to the brain. Scientific Reports, 2017, 7, 44718.	1.6	48
1234	In vivo toxicological assessment of electrochemically engineered anodic alumina nanotubes: a study of biodistribution, subcutaneous implantation and intravenous injection. Journal of Materials Chemistry B, 2017, 5, 2511-2523.	2.9	6
1235	Developments and future clinical outlook of taxane nanomedicines. Journal of Controlled Release, 2017, 253, 137-152.	4.8	34
1236	A review of drug release mechanisms from nanocarrier systems. Materials Science and Engineering C, 2017, 76, 1440-1453.	3.8	182

#	Article	IF	CITATIONS
1237	Megalin-targeted enhanced transfection efficiency in cultured human HK-2 renal tubular proximal cells using aminoglycoside-carboxyalkyl- polyethylenimine -containing nanoplexes. International Journal of Pharmaceutics, 2017, 523, 102-120.	2.6	36
1238	Nanomedicine 2.0. Accounts of Chemical Research, 2017, 50, 627-632.	7.6	105
1239	Nanocaged platforms: modification, drug delivery and nanotoxicity. Opening synthetic cages to release the tiger. Nanoscale, 2017, 9, 1356-1392.	2.8	122
1240	Self-immolative polymers as novel pH-responsive gate keepers for drug delivery. RSC Advances, 2017, 7, 132-136.	1.7	50
1241	Mesoporous carbon nanoshells for high hydrophobic drug loading, multimodal optical imaging, controlled drug release, and synergistic therapy. Nanoscale, 2017, 9, 1434-1442.	2.8	35
1242	Synthetic vs Natural: Diatoms Bioderived Porous Materials for the Next Generation of Healthcare Nanodevices. Advanced Healthcare Materials, 2017, 6, 1601125.	3.9	47
1243	Poly(Îμ-benzyloxycarbonyl-L-lysine)-grafted branched polyethylenimine as efficient nanocarriers for indomethacin with enhanced oral bioavailability and anti-inflammatory efficacy. Acta Biomaterialia, 2017, 49, 434-443.	4.1	25
1244	Efficient Tumor Accumulation, Penetration and Tumor Growth Inhibition Achieved by Polymer Therapeutics: The Effect of Polymer Architectures. Biomacromolecules, 2017, 18, 217-230.	2.6	17
1245	A ratiometric nanoarchitecture for the simultaneous detection of pH and halide ions using UV plasmon-enhanced fluorescence. Chemical Communications, 2017, 53, 755-758.	2.2	15
1246	Atomically precise organomimetic cluster nanomolecules assembled via perfluoroaryl-thiol SNAr chemistry. Nature Chemistry, 2017, 9, 333-340.	6.6	201
1247	Triblock copolymers for nano-sized drug delivery systems. Journal of Pharmaceutical Investigation, 2017, 47, 27-35.	2.7	43
1248	Functionalization of carbon nanomaterials for advanced polymer nanocomposites: A comparison study between CNT and graphene. Progress in Polymer Science, 2017, 67, 1-47.	11.8	491
1249	Preparation of hollow core/shell Fe ₃ O ₄ @graphene oxide composites as magnetic targeting drug nanocarriers. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 337-349.	1.9	32
1250	Advanced characterizations of nanoparticles for drug delivery: investigating their properties through the techniques used in their evaluations. Nanotechnology Reviews, 2017, 6, 355-372.	2.6	29
1251	Bioinspired Coordination Micelles Integrating High Stability, Triggered Cargo Release, and Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2017, 9, 80-91.	4.0	54
1252	Photochemistry and Photophysics in Silica-Based Materials: Ultrafast and Single Molecule Spectroscopy Observation. Chemical Reviews, 2017, 117, 13639-13720.	23.0	98
1253	Stearic acid based, systematically designed oral lipid nanoparticles for enhanced brain delivery of dimethyl fumarate. Nanomedicine, 2017, 12, 2607-2621.	1.7	25
1254	Electroformation of double vesicles using an amplitude modulated electric field. Colloids and Surfaces B: Biointerfaces, 2017, 160, 697-703.	2.5	15

#	Article	IF	CITATIONS
1255	Synthesis, Functionalization, and Design of Magnetic Nanoparticles for Theranostic Applications. Advanced Healthcare Materials, 2017, 6, 1700306.	3.9	176
1256	Remote Loading of Smallâ€Molecule Therapeutics into Cholesterolâ€Enriched Cellâ€Membraneâ€Derived Vesicles. Angewandte Chemie, 2017, 129, 14263-14267.	1.6	2
1257	Evaluating the toxicity of silicon dioxide nanoparticles on neural stem cells using RNA-Seq. RSC Advances, 2017, 7, 47552-47564.	1.7	14
1258	Litchi-like Fe ₃ O ₄ @Fe-MOF capped with HAp gatekeepers for pH-triggered drug release and anticancer effect. Journal of Materials Chemistry B, 2017, 5, 8600-8606.	2.9	58
1259	Cell membrane coated nanoparticles: next-generation therapeutics. Nanomedicine, 2017, 12, 2677-2692.	1.7	135
1260	Thermo-responsive mesoporous silica/lipid bilayer hybrid nanoparticles for doxorubicin on-demand delivery and reduced premature release. Colloids and Surfaces B: Biointerfaces, 2017, 160, 527-534.	2.5	28
1261	Cancer nanomedicine: from PDGF targeted drug delivery. MedChemComm, 2017, 8, 2055-2059.	3.5	16
1262	Drug Delivery to the Brain across the Blood–Brain Barrier Using Nanomaterials. Small, 2017, 13, 1701921.	5.2	164
1263	Integrating nanomedicine and imaging. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170110.	1.6	5
1264	Theoretical study of solvent and co-solvent effects on the interaction of Flutamide anticancer drug with Carbon nanotube as a drug delivery system. Journal of Molecular Liquids, 2017, 248, 490-500.	2.3	60
1265	Rapid purification of sub-micrometer particles for enhanced drug release and microvesicles isolation. NPG Asia Materials, 2017, 9, e434-e434.	3.8	44
1266	Interfacialâ€Active Polymer Nanoparticles, Their Assemblies, and SERS Application. Macromolecular Chemistry and Physics, 2017, 218, 1700261.	1.1	9
1267	Pluronic Nanotechnology for Overcoming Drug Resistance. Nanomedicine and Nanotoxicology, 2017, , 207-237.	0.1	14
1268	Multifunctional Yolk–Shell Nanostructure as a Superquencher for Fluorescent Analysis of Potassium Ion Using Guanine-Rich Oligonucleotides. ACS Applied Materials & Interfaces, 2017, 9, 30406-30413.	4.0	16
1269	Tantalum Sulfide Nanosheets as a Theranostic Nanoplatform for Computed Tomography Imagingâ€Guided Combinatorial Chemoâ€Photothermal Therapy. Advanced Functional Materials, 2017, 27, 1703261.	7.8	89
1270	Drug delivery by supramolecular design. Chemical Society Reviews, 2017, 46, 6600-6620.	18.7	551
1271	Nanostructures as Antimicrobial Therapeutics. , 2017, , 29-59.		2
1272	Hyaluronic Acid Coated Chitosan Nanoparticles Reduced the Immunogenicity of the Formed Protein Corona. Scientific Reports, 2017, 7, 10542.	1.6	126

CITATION REPORT ARTICLE IF CITATIONS Remote Loading of Smallâ€Molecule Therapeutics into Cholesterolâ€Enriched Cellâ€Membraneâ€Derived 1273 7.2 86 Vesicles. Angewandte Chemie - International Edition, 2017, 56, 14075-14079. Multi-layer Intrabody Terahertz Wave Propagation Model for Nanobiosensing Applications. Nano 1274 1.6 Communication Networks, 2017, 14, 9-15. Building Stable MMP2-Responsive Multifunctional Polymeric Micelles by an All-in-One Polymer–Lipid Conjugate for Tumor-Targeted Intracellular Drug Delivery. ACS Applied Materials & amp; Interfaces, 1275 4.0 60 2017, 9, 32520-32533. Cytotoxicological pathways induced after nanoparticle exposure: studies of oxidative stress at the 1276 0.9 'nano–bio' interface. Toxicology Research, 2017, 6, 580-594. Rapid and simple flow injection analysis tandem mass spectrometric method for the quantification of melphalan in a lipidâ€based drug delivery system. Rapid Communications in Mass Spectrometry, 2017, 31, 1277 0.7 5 1481-1490. Spectroscopic imaging studies of nanoscale polarity and mass transport phenomena in self-assembled organic nanotubes. Physical Chemistry Chemical Physics, 2017, 19, 20040-20048. 1.3 Single channel planar lipid bilayer recordings of the melittin variant MelP5. Biochimica Et Biophysica 1279 1.4 14 Acta - Biomembranes, 2017, 1859, 2051-2057. A Nano-In-Micro System for Enhanced Stem Cell Therapy of Ischemic Diseases. ACS Central Science, 1280 5.3 2017, 3, 875-885. ROSâ€Responsive Polyprodrug Nanoparticles for Triggered Drug Delivery and Effective Cancer Therapy. 1281 370 11.1 Advanced Materials, 2017, 29, 1700141. Controllable synthesis and characterisation of palladium (II) anticancer complexâ€loaded colloidal gelatin nanoparticles as a novel sustainedâ€release delivery system in cancer therapy. IET 1.9 Nanobiotechnology, 2017, 11, 591-596. Nanoparticles and targeted drug delivery in cancer therapy. Immunology Letters, 2017, 190, 64-83. 1283 1.1 374 Capacity analysis for diffusive molecular communication with ISI channel. Nano Communication 1284 1.6 Networks, 2017, 13, 43-50. Cell membrane-derived nanoparticles: emerging clinical opportunities for targeted drug delivery. 1285 1.7 62 Nanomedicine, 2017, 12, 2007-2019. Nanotoxicity Assessment of Functionalized Gold Nanoparticles in Sprague–Dawley Rats. Journal of 1286 1.7 Cluster Science, 2017, 28, 2933-2951. Phenotypically Screened Carbon Nanoparticles for Enhanced Combinatorial Therapy in Triple Negative 1287 1.0 14 Breast Cancer. Cellular and Molecular Bioengineering, 2017, 10, 371-386. Tuning the pH $\hat{a}\in S$ witch of Supramolecular Polymer Carriers for siRNA to Physiologically Relevant pH. 1288 Macromolecular Bioscience, 2017, 17, 1700111. Clickable and imageable multiblock polymer micelles with magnetically guided and PEG-switched 1289 5.767 targeting and release property for precise tumor theranosis. Biomaterials, 2017, 145, 138-153. DNA Trojan Horses: Selfâ€Assembled Floxuridineâ€Containing DNA Polyhedra for Cancer Therapy. 1290

Angewandte Chemie - International Edition, 2017, 56, 12528-12532.

# 1291	ARTICLE Strategies for Functionalizing Lipoprotein-Based Nanoparticles. ACS Symposium Series, 2017, , 131-150.	IF 0.5	CITATIONS
1292	More on Ethics and Scholarship. ACS Nano, 2017, 11, 10625-10626.	7.3	0
1293	Nanomaterials: Properties, Toxicity, Safety, and Drug Delivery. , 2017, , 363-381.		2
1295	Photocontrolled Release of Doxorubicin Conjugated through a Thioacetal Photocage in Folate-Targeted Nanodelivery Systems. Bioconjugate Chemistry, 2017, 28, 3016-3028.	1.8	37
1296	Folate Conjugated Hybrid Nanocarrier for Targeted Letrozole Delivery in Breast Cancer Treatment. Pharmaceutical Research, 2017, 34, 2798-2808.	1.7	41
1297	Red Blood Cells for Drug Delivery. Small Methods, 2017, 1, 1700270.	4.6	62
1298	Theory, simulations and the design of functionalized nanoparticles for biomedical applications: A Soft Matter Perspective. Npj Computational Materials, 2017, 3, .	3.5	82
1299	One pot green preparation of <i>Seabuckthorn</i> silver nanoparticles (SBT@AgNPs) featuring high stability and longevity, antibacterial, antioxidant potential: a nano disinfectant future perspective. RSC Advances, 2017, 7, 51130-51141.	1.7	27
1300	Electrospun hypromellose-based hydrophilic composites for rapid dissolution of poorly water-soluble drug. Carbohydrate Polymers, 2017, 174, 617-625.	5.1	151
1301	Nanopreparations for mitochondria targeting drug delivery system: Current strategies and future prospective. Asian Journal of Pharmaceutical Sciences, 2017, 12, 498-508.	4.3	114
1302	Self-Assembled Nanostructures (SANs). , 2017, , 391-409.		2
1303	Cancer drug delivery in the nano era: An overview and perspectives. Oncology Reports, 2017, 38, 611-624.	1.2	310
1304	Cancer nanomedicine: progress, challenges and opportunities. Nature Reviews Cancer, 2017, 17, 20-37.	12.8	4,153
1305	Targeting distinct myeloid cell populations inÂvivo using polymers, liposomes and microbubbles. Biomaterials, 2017, 114, 106-120.	5.7	63
1306	Polypeptideâ€Based Conjugates as Therapeutics: Opportunities and Challenges. Macromolecular Bioscience, 2017, 17, 1600316.	2.1	55
1307	Ursolic acid liposomes with chitosan modification: Promising antitumor drug delivery and efficacy. Materials Science and Engineering C, 2017, 71, 1231-1240.	3.8	90
1308	Tumor-targeted nanomedicines for cancer theranostics. Pharmacological Research, 2017, 115, 87-95.	3.1	176
1309	Multifunctional Conjugated Polymer Nanoparticles for Imageâ€Guided Photodynamic and Photothermal Therapy. Small, 2017, 13, 1602807.	5.2	147

#	Article	IF	CITATIONS	
1310	Delivery of therapeutics with nanoparticles: what's new in cancer immunotherapy?. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1421.	3.3	72	
1311	Development and characterization of methoxy poly(ethylene oxide)- block -poly(ε-caprolactone) (PEO- b) Tj ETQq Journal, 2017, 25, 258-265.	1 1 0.784 1.2	314 rgBT /(17	
1312	Organic nanoparticle systems for spatiotemporal control of multimodal chemotherapy. Expert Opinion on Drug Delivery, 2017, 14, 427-446.	2.4	21	
1313	Manipulation of novel nano-prodrug composed of organic pigment-based hybrid network and its optical uses. Materials Science and Engineering C, 2017, 70, 9-14.	3.8	1	
1314	Reversal of P-glycoprotein-mediated multidrug resistance by doxorubicin and quinine co-loaded liposomes in tumor cells. Journal of Liposome Research, 2017, 27, 293-301.	1.5	12	
1315	Flexible assembly of targeting agents on porous magnetic nano-cargos by inclusion complexation for accurate drug delivery. Materials Chemistry Frontiers, 2017, 1, 521-529.	3.2	6	
1316	Molecular Engineering of Somatostatin Analogue with Minimal Dipeptide Motif Induces the Formation of Functional Nanoparticles. ChemNanoMat, 2017, 3, 27-32.	1.5	3	
1317	Nanoparticle-based drug delivery systems: a commercial and regulatory outlook as the field matures. Expert Opinion on Drug Delivery, 2017, 14, 851-864.	2.4	261	
1318	Dynamics of nanoparticle diffusion and uptake in three-dimensional cell cultures. Colloids and Surfaces B: Biointerfaces, 2017, 149, 7-15.	2.5	35	
1319	Encapsulation of anticancer drug copper bis(8-hydroxyquinoline) in hydroxyapatite for pH-sensitive targeted delivery and slow release. Materials Science and Engineering C, 2017, 71, 206-213.	3.8	50	
1320	Physicoâ€Chemical Strategies to Enhance Stability and Drug Retention of Polymeric Micelles for Tumorâ€Targeted Drug Delivery. Macromolecular Bioscience, 2017, 17, 1600160.	2.1	125	
1321	Near-infrared light activation of quenched liposomal Ce6 for synergistic cancer phototherapy with effective skin protection. Biomaterials, 2017, 127, 13-24.	5.7	124	
1322	Liposome-based drug co-delivery systems in cancer cells. Materials Science and Engineering C, 2017, 71, 1327-1341.	3.8	242	
1323	Leveraging Physiology for Precision Drug Delivery. Physiological Reviews, 2017, 97, 189-225.	13.1	125	
1324	Targeted brain delivery nanoparticles for malignant gliomas. Nanomedicine, 2017, 12, 59-72.	1.7	32	
1325	Nanostructured polysaccharide-based carriers for antimicrobial peptide delivery. Journal of Pharmaceutical Investigation, 2017, 47, 85-94.	2.7	19	
1326	Aptamer-modified nanomaterials: principles and applications. BioNanoMaterials, 2017, 18, .	1.4	28	
1327	An update on applications of nanostructured drug delivery systems in cancer therapy: a review. Artificial Cells, Nanomedicine and Biotechnology, 2017, <u>45, 1058-1068</u> .	1.9	52	
		CITATION RE	PORT	
------	---	--------------------------	------	-----------
#	Article		IF	CITATIONS
1328	Polyanhydride micelles with diverse morphologies for shape-regulated cellular internalize blood circulation. International Journal of Energy Production and Management, 2017, 4	ation and I, 149-157.	1.9	8
1330	Peptide-Based Cancer-Targeted DDS and Molecular Imaging. Chemical and Pharmaceut 2017, 65, 618-624.	ical Bulletin,	0.6	28
1331	Production of organic nanoparticles by using nanoporous membranes. AIP Conference 2017, , .	Proceedings,	0.3	2
1332	Reliability Analysis of Molecular Communication Based on Drift Diffusion. , 2017, , .			1
1333	A novel filtration approach to create small unilamellar liposomes for drug delivery. , 201	.7, , .		1
1334	Introduction for Design of Nanoparticle Based Drug Delivery Systems. Current Pharmac Design, 2017, 23, 2108-2112.	teutical	0.9	47
1335	The impact of receptor recycling on the exocytosis of $\hat{I}\pm\nu\hat{I}^23$ integrin targeted gold nan Oncotarget, 2017, 8, 38618-38630.	oparticles.	0.8	15
1336	Low uptake of silica nanoparticles in Caco-2 intestinal epithelial barriers. Beilstein Journ Nanotechnology, 2017, 8, 1396-1406.	al of	1.5	23
1337	Nanopore thin film enabled optical platform for drug loading and release. Optics Expres 19391.	s, 2017, 25,	1.7	13
1338	Drug delivery: advancements and challenges. , 2017, , 865-886.			39
1339	Leukocyte-mediated Delivery of Nanotherapeutics in Inflammatory and Tumor Sites. Th 7, 751-763.	eranostics, 2017,	4.6	111
1340	Antimicrobial Photodynamic Therapy (APDT) Action Based on Nanostructured Photoser 9-29.	nsitizers. , 2017, ,		8
1341	Kinetic Analysis of the Uptake and Release of Fluorescein by Metal-Organic Framework Materials, 2017, 10, 216.	Nanoparticles.	1.3	24
1342	The Use of Liposomes and Nanoparticles as Drug Delivery Systems to Improve Cancer 1 Dogs and Cats. Molecules, 2017, 22, 2167.	reatment in	1.7	38
1343	Dielectrophoresis for Biomedical Sciences Applications: A Review. Sensors, 2017, 17, 4	49.	2.1	147
1344	Nanoemulsions. , 2017, , 107-127.			4
1345	Pharmacokinetics and biodistribution of the nanoparticles. , 2017, , 165-186.			24
1346	Oral drug delivery potential of dendrimers. , 2017, , 231-261.			5

IF

CITATIONS

Nanoparticles for tumor targeting., 2017, , 221-267. 6 1347 Nanoparticles hybridization to engineer biomaterials for drug delivery., 2017, , 147-161. 1348 Heterogeneous Responses of Ovarian Cancer Cells to Silver Nanoparticles as a Single Agent and in 1349 1.5 37 Combination with Cisplatin. Journal of Nanomaterials, 2017, 2017, 1-11. Innovations in Liposomal DDS Technology and Its Application for the Treatment of Various Diseases. Biological and Pharmaceutical Bulletin, 2017, 40, 119-127. Size-Dependency of the Surface Ligand Density of Liposomes Prepared by Post-insertion. Biological and 1351 0.6 10 Pharmaceutical Bulletin, 2017, 40, 1002-1009. Natural plant-derived anticancer drugs nanotherapeutics: aÂreview on preclinical to clinical success., 2017, , 775-809. 4.30 Nanomaterials for Drug Delivery to the Brain., 2017, , 549-570. 1353 0 Functionalization of nanoparticles inÂspecific targeting andÂmechanism release., 2017, , 57-80. 1354 14 1355 Multi-Targeted Anticancer Agents. Current Topics in Medicinal Chemistry, 2017, 17, 3084-3098. 1.0 71 Synthetic CO2-fixation enzyme cascades immobilized on self-assembled nanostructures that enhance 6.2 24 CO2/O2 selectivity of RubisCO. Biotechnology for Biofuels, 2017, 10, 175. 4.35 Ordered Mesoporous Silica Materials â⁻†., 2017, , 644-685. 1357 9 Layer-by-Layer Thin Films and Coatings Containing Metal Nanoparticles in Catalysis., 2017,,. 1358 1359 Nanobiotechnology for Breast Cancer Treatment., 0,,. 12 Ultrasound-responsive nanosystems., 2017, , 191-218. 1361 Oral Administration of Nanoparticles-Based TB Drugs., 2017, , 307-326. 3 Single-Step In Situ Assembling Routes for the Shape Control of Polymer Nanoparticles. Biomacromolecules, 2018, 19, 1047-1064. Evaluation of betamethasone sodium phosphate loaded chitosan nanoparticles for antiâerheumatoid 1363 1.9 11 activity. IET Nanobiotechnology, 2018, 12, 6-11. Synthesis of phosphorus doped carbon nanotubes using chemical vapor deposition. Fullerenes 1364

Nanotubes and Carbon Nanostructures, 2018, 26, 218-225.

ARTICLE

#	Article	IF	CITATIONS
1366	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. Nanoscale, 2018, 10, 5869-5874.	2.8	32
1367	Synthesis of ultra-small platinum, palladium and gold nanoparticles by Shewanella loihica PV-4 electrochemically active biofilms and their enhanced catalytic activities. Journal of Saudi Chemical Society, 2018, 22, 919-929.	2.4	75
1368	Nanocrystal: a novel approach to overcome skin barriers for improved topical drug delivery. Expert Opinion on Drug Delivery, 2018, 15, 351-368.	2.4	70
1369	Biomimetic nanoparticles delivered hedgehog pathway inhibitor to modify tumour microenvironment and improved chemotherapy for pancreatic carcinoma. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1088-1101.	1.9	24
1370	Augmentation of therapeutic potential of curcumin using nanotechnology: current perspectives. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1004-1015.	1.9	18
1371	Cooperativity Principles in Self-Assembled Nanomedicine. Chemical Reviews, 2018, 118, 5359-5391.	23.0	129
1372	Predicting the impact of structural diversity on the performance of nanodiamond drug carriers. Nanoscale, 2018, 10, 8893-8910.	2.8	25
1373	Synthesis, characterization and antitumor properties of selenium nanoparticles coupling with ferulic acid. Materials Science and Engineering C, 2018, 90, 104-112.	3.8	63
1374	Remoteâ€Loaded Platelet Vesicles for Diseaseâ€Targeted Delivery of Therapeutics. Advanced Functional Materials, 2018, 28, 1801032.	7.8	64
1375	LiF@SiO2 nanocapsules for controlled lithium release and osteoarthritis treatment. Nano Research, 2018, 11, 5751-5760.	5.8	8
1376	Dose-reduction antiangiogenic curcumin-low molecular weight heparin nanodrugs for enhanced combinational antitumor therapy. European Journal of Pharmaceutical Sciences, 2018, 119, 121-134.	1.9	13
1377	Effect of PEGylation on the stability of thermoresponsive nanogels. Journal of Colloid and Interface Science, 2018, 524, 245-255.	5.0	13
1378	Localizing Antifungal Drugs to the Correct Organelle Can Markedly Enhance their Efficacy. Angewandte Chemie, 2018, 130, 6338-6343.	1.6	10
1380	Localizing Antifungal Drugs to the Correct Organelle Can Markedly Enhance their Efficacy. Angewandte Chemie - International Edition, 2018, 57, 6230-6235.	7.2	29
1381	Tumor-targeting and pH-responsive nanoparticles from hyaluronic acid for the enhanced delivery of doxorubicin. International Journal of Biological Macromolecules, 2018, 113, 737-747.	3.6	79
1382	Progress and challenges towards targeted delivery of cancer therapeutics. Nature Communications, 2018, 9, 1410.	5.8	1,488
1383	Current development of nanocarrier delivery systems for Parkinson's disease pharmacotherapy. Journal of the Taiwan Institute of Chemical Engineers, 2018, 87, 15-25.	2.7	17
1384	The Role of Self-Assembling Lipid Molecules in Vaccination. Advances in Biomembranes and Lipid Self-Assembly, 2018, 27, 1-37.	0.3	1

#	Article	IF	CITATIONS
1385	Palladium nanoparticles induce autophagy and autophagic flux blockade in Hela cells. RSC Advances, 2018, 8, 4130-4141.	1.7	16
1386	Arsenic trioxide: insights into its evolution to an anticancer agent. Journal of Biological Inorganic Chemistry, 2018, 23, 313-329.	1.1	100
1387	Cardiac Tissue Engineering on the Nanoscale. ACS Biomaterials Science and Engineering, 2018, 4, 800-818.	2.6	83
1388	Advances in plant-derived edible nanoparticle-based lipid nano-drug delivery systems as therapeutic nanomedicines. Journal of Materials Chemistry B, 2018, 6, 1312-1321.	2.9	150
1389	Hollow Mesoporous Silica@Metal–Organic Framework and Applications for pHâ€Responsive Drug Delivery. ChemMedChem, 2018, 13, 400-405.	1.6	57
1390	Highâ€Resolution Labelâ€Free Detection of Biocompatible Polymeric Nanoparticles in Cells. Particle and Particle Systems Characterization, 2018, 35, 1700457.	1.2	27
1391	Nanomedicine: An effective tool in cancer therapy. International Journal of Pharmaceutics, 2018, 540, 132-149.	2.6	169
1392	Micelle System Based on Molecular Economy Principle for Overcoming Multidrug Resistance and Inhibiting Metastasis. Molecular Pharmaceutics, 2018, 15, 1005-1016.	2.3	18
1393	Biomimetic peptide display from a polymeric nanoparticle surface for targeting and antitumor activity to human tripleâ€negative breast cancer cells. Journal of Biomedical Materials Research - Part A, 2018, 106, 1753-1764.	2.1	33
1394	Delivery systems for agriculture: Fe-EDDHSA/CaCO3 hybrid crystals as adjuvants for prevention of iron chlorosis. Chemical Communications, 2018, 54, 1635-1638.	2.2	6
1395	Biomimetic Nanosponges for Treating Antibody-Mediated Autoimmune Diseases. Bioconjugate Chemistry, 2018, 29, 870-877.	1.8	12
1396	Supramolecular Nanofibers of Curcumin for Highly Amplified Radiosensitization of Colorectal Cancers to Ionizing Radiation. Advanced Functional Materials, 2018, 28, 1707140.	7.8	65
1397	An overview on the current status of cancer nanomedicines. Current Medical Research and Opinion, 2018, 34, 911-921.	0.9	44
1398	Coordination-driven self-assembly of a Pt(<scp>iv</scp>) prodrug-conjugated supramolecular hexagon. Chemical Communications, 2018, 54, 731-734.	2.2	45
1399	Nanohybrid Active Fillers in Food Contact Bio-based Materials. , 2018, , 71-94.		5
1400	Extending Half Life of H-Ferritin Nanoparticle by Fusing Albumin Binding Domain for Doxorubicin Encapsulation. Biomacromolecules, 2018, 19, 773-781.	2.6	44
1401	Recent Advances in Self-assembled Nano-therapeutics. Chinese Journal of Polymer Science (English) Tj ETQq0 0 0	rgBT /Ove 2.0	erlggk 10 Tf 5

1402Dequalinium-based functional nanosomes show increased mitochondria targeting and anticancer
effect. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 104-115.2.039

#	Article	IF	Citations
1403	Alkyl-Modified Oligonucleotides as Intercalating Vehicles for Doxorubicin Uptake via Albumin Binding. Molecular Pharmaceutics, 2018, 15, 437-446.	2.3	10
1404	Functional engineered mesenchymal stem cells with fibronectin-gold composite coated catheters for vascular tissue regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 699-711.	1.7	20
1405	Anti-inflammatory and Antioxidative Effects of Tetrahedral DNA Nanostructures via the Modulation of Macrophage Responses. ACS Applied Materials & amp; Interfaces, 2018, 10, 3421-3430.	4.0	121
1406	Management of Implementation of Nanotechnology in Upstream Oil Industry: An Analytic Hierarchy Process Analysis. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, .	1.4	16
1407	Development of polyvinylpyrrolidone/paclitaxel self-assemblies for breast cancer. Acta Pharmaceutica Sinica B, 2018, 8, 602-614.	5.7	50
1408	Biomimetic synthesis of nanovesicles for targeted drug delivery. Science Bulletin, 2018, 63, 663-665.	4.3	12
1409	Multi-Functional Nanogels as Theranostic Platforms: Exploiting Reversible and Nonreversible Linkages for Targeting, Imaging, and Drug Delivery. Bioconjugate Chemistry, 2018, 29, 1885-1896.	1.8	46
1410	Synergistic effect of shape-selective silver nanostructures decorating reduced graphene oxide nanoplatelets for enhanced cytotoxicity against breast cancer. Nanotechnology, 2018, 29, 285102.	1.3	5
1411	Importance of integrating nanotechnology with pharmacology and physiology for innovative drug delivery and therapy – an illustration with firsthand examples. Acta Pharmacologica Sinica, 2018, 39, 825-844.	2.8	85
1412	Self-Decomposable Mesoporous Doxorubicin@Silica Nanocomposites for Nuclear Targeted Chemo-Photodynamic Combination Therapy. ACS Applied Nano Materials, 2018, 1, 1976-1984.	2.4	29
1413	Metal–organic framework nanoparticles for magnetic resonance imaging. Inorganic Chemistry Frontiers, 2018, 5, 1760-1779.	3.0	99
1414	Supramolecular design of hydrophobic and hydrophilic polymeric nanoparticles. , 2018, , 181-221.		5
1415	Nanoparticles with high payloads of pipemidic acid, a poorly soluble crystalline drug: drug-initiated polymerization and self-assembly approach. Acta Pharmaceutica Sinica B, 2018, 8, 420-431.	5.7	11
1416	Multifunctional Efficiency: Extending the Concept of Atom Economy to Functional Nanomaterials. ACS Nano, 2018, 12, 2094-2105.	7.3	210
1417	Calcium phosphate-based nanosystems for advanced targeted nanomedicine. Drug Development and Industrial Pharmacy, 2018, 44, 1223-1238.	0.9	35
1418	A selfâ€deploying drug release device using polymeric films. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 780-786.	1.6	3
1419	A review of recent developments on micro/nanostructured pharmaceutical systems for intravesical therapy of the bladder cancer. Pharmaceutical Development and Technology, 2018, 23, 1-12.	1.1	22
1420	Drug delivery devices for retinal diseases. Advanced Drug Delivery Reviews, 2018, 128, 148-157.	6.6	51

#	Article	IF	CITATIONS
1421	Transmission of nanoscale information-based neural communication-aware ligand–receptor interactions. Neural Computing and Applications, 2018, 30, 3509-3522.	3.2	4
1422	Local delivery of liposomal prednisolone leads to an anti-inflammatory profile in renal ischaemia–reperfusion injury in the rat. Nephrology Dialysis Transplantation, 2018, 33, 44-53.	0.4	26
1423	A tumor-activatable particle with antimetastatic potential in breast cancer via inhibiting the autophagy-dependent disassembly of focal adhesion. Biomaterials, 2018, 168, 1-9.	5.7	25
1424	PLGA-PEG nanoparticles for targeted delivery of the mTOR/PI3kinase inhibitor dactolisib to inflamed endothelium. International Journal of Pharmaceutics, 2018, 548, 747-758.	2.6	40
1425	Polyester micelles for drug delivery and cancer theranostics: Current achievements, progresses and future perspectives. Materials Science and Engineering C, 2018, 83, 218-232.	3.8	68
1426	Functionalised nanostructures for transdermal delivery of drug cargos. Journal of Drug Targeting, 2018, 26, 110-122.	2.1	11
1427	Promising effects of nanomedicine in cancer drug delivery. Journal of Drug Targeting, 2018, 26, 319-324.	2.1	52
1428	Nanoparticle-based local antimicrobial drug delivery. Advanced Drug Delivery Reviews, 2018, 127, 46-57.	6.6	248
1429	A review of the application of agricultural wastes as precursor materials for the adsorption of per- and polyfluoroalkyl substances: A focus on current approaches and methodologies. Environmental Technology and Innovation, 2018, 9, 100-114.	3.0	77
1430	The Role of Nanomechanics in Healthcare. Advanced Healthcare Materials, 2018, 7, 1700793.	3.9	13
1431	Cellâ€Based Drug Delivery and Use of Nanoâ€and Microcarriers for Cell Functionalization. Advanced Healthcare Materials, 2018, 7, 1700818.	3.9	75
1432	Linkers: The key elements for the creation of efficient nanotherapeutics. Journal of Controlled Release, 2018, 270, 260-267.	4.8	24
1433	Emerging trends in the immunotherapy of pancreatic cancer. Cancer Letters, 2018, 417, 35-46.	3.2	77
1434	Functional nanomachines: Recent advances in synthetic molecular machinery. Tetrahedron Letters, 2018, 59, 334-346.	0.7	15
1435	Antibody-functionalized polymer nanoparticle leading to memory recovery in Alzheimer's disease-like transgenic mouse model. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 609-618.	1.7	109
1436	Translocation, distribution and degradation of prochloraz-loaded mesoporous silica nanoparticles in cucumber plants. Nanoscale, 2018, 10, 1798-1806.	2.8	103
1437	Precision Medicine in Pediatric Neurooncology: A Review. ACS Chemical Neuroscience, 2018, 9, 11-28.	1.7	12
1438	Active targeted delivery of immune therapeutics to lymph nodes. Current Opinion in Organ Transplantation, 2018, 23, 8-14.	0.8	13

#	Article	IF	CITATIONS
1439	Telechelic polymers from reversible-deactivation radical polymerization for biomedical applications. Chemical Communications, 2018, 54, 228-240.	2.2	26
1440	Co-delivery of PLK1-specific shRNA and doxorubicin via core-crosslinked pH-sensitive and redox ultra-sensitive micelles for glioma therapy. Journal of Materials Chemistry B, 2018, 6, 112-124.	2.9	16
1441	Lectin-conjugated pH-responsive mesoporous silica nanoparticles for targeted bone cancer treatment. Acta Biomaterialia, 2018, 65, 393-404.	4.1	161
1442	Morphology of block copolymer micelles formed via electrospray enabled interfacial instability. Journal of Colloid and Interface Science, 2018, 512, 411-418.	5.0	9
1443	SR-B1: A Unique Multifunctional Receptor for Cholesterol Influx and Efflux. Annual Review of Physiology, 2018, 80, 95-116.	5.6	257
1444	Particle Targeting in Complex Biological Media. Advanced Healthcare Materials, 2018, 7, 1700575.	3.9	94
1445	HPMA Copolymer–Drug Conjugates with Controlled Tumorâ€ 6 pecific Drug Release. Macromolecular Bioscience, 2018, 18, 1700209.	2.1	61
1446	Biotemplated synthesis of inorganic materials: An emerging paradigm for nanomaterial synthesis inspired by nature. Progress in Materials Science, 2018, 91, 1-23.	16.0	76
1447	Preparation and physicochemical characterization of prazosin conjugated PLGA nanoparticles for drug delivery of flutamide. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	10
1448	Stem Cells as Drug Delivery Vehicles. , 2018, , 197-197.		1
1449	Nanotechnology Inclusion in Pharmaceutical Sciences Education in Portugal. American Journal of Pharmaceutical Education, 2018, 82, 6403.	0.7	3
1450	Source of Water and Potential Sanitizers and Biological Antimicrobials for Alternative Poultry Processing Food Safety Applications. Frontiers in Sustainable Food Systems, 2018, 2, .	1.8	14
1451	How to unravel the chemical structure and component localization of individual drug-loaded polymeric nanoparticles by using tapping AFM-IR. Analyst, The, 2018, 143, 5940-5949.	1.7	57
1452	Nanoparticles based on lipidyl-β-cyclodextrins: synthesis, characterization, and experimental and computational biophysical studies for encapsulation of atazanavir. New Journal of Chemistry, 2018, 42, 20171-20179.	1.4	5
1453	Fibrous polymer nanomaterials for biomedical applications and their transport by fluids: an overview. Soft Matter, 2018, 14, 8421-8444.	1.2	15
1454	Formulations, Pharmacodynamic and Clinical Studies of Nanoparticles for Lung Cancer Therapy - An Overview. Current Drug Metabolism, 2018, 19, 759-767.	0.7	9
1455	Nanomedicine for anticancer and antimicrobial treatment: an overview. IET Nanobiotechnology, 2018, 12, 1009-1017.	1.9	10
1456	Modeling of Shape and Size Effects for the Band Gap of Semiconductor Nanoparticles. , 2018, , .		5

#	Article	IF	CITATIONS
1457	Novel 'Stereoscopic Response' Strategy Can Be Used in Combination Therapy. Critical Reviews in Therapeutic Drug Carrier Systems, 2018, 35, 369-390.	1.2	2
1458	Effect of pH and temperature on doxorubicin hydrochloride release from magnetite/graphene oxide nanocomposites. Materials Today: Proceedings, 2018, 5, 15726-15732.	0.9	18
1460	Production of bioabsorbible nanoparticles of polycaprolactone by using a tubular recirculating system. DYNA (Colombia), 2018, 85, 277-282.	0.2	2
1461	Glycyrrhetinic acid as a hepatocyte targeting unit for an anticancer drug delivery system with enhanced cell type selectivity. Chemical Communications, 2018, 54, 12353-12356.	2.2	22
1462	Involvement of VNUT-exocytosis in transient receptor potential vanilloid 4-dependent ATP release from gastrointestinal epithelium. PLoS ONE, 2018, 13, e0206276.	1.1	17
1463	Research progress of novel inorganic nanometre materials carriers in nanomedicine for cancer diagnosis and treatment. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 492-502.	1.9	8
1464	Nanomaterial Interactions with Human Neutrophils. ACS Biomaterials Science and Engineering, 2018, 4, 4255-4265.	2.6	47
1465	Nanomaterials: What Are They, Why They Cause Ecotoxicity, and How This Can Be Dealt With?. , 2018, , 3-18.		4
1466	Niosome: A Promising Nanocarrier for Natural Drug Delivery through Blood-Brain Barrier. Advances in Pharmacological Sciences, 2018, 2018, 1-15.	3.7	105
1467	Design and fabrication of drugâ€eluting polymeric thin films for applications in ophthalmology. IET Nanobiotechnology, 2018, 12, 1074-1079.	1.9	7
1468	PAMAM dendrimers: blood-brain barrier transport and neuronal uptake after focal brain ischemia. Journal of Controlled Release, 2018, 291, 65-79.	4.8	65
1469	A novel microfluidic liposomal formulation for the delivery of the SN-38 camptothecin: characterization and in vitro assessment of its cytotoxic effect on two tumor cell lines. International Journal of Nanomedicine, 2018, Volume 13, 5301-5320.	3.3	17
1470	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
1471	A facile approach for development of a vaccine made of bacterial double-layered membrane vesicles (DMVs). Biomaterials, 2018, 187, 28-38.	5.7	45
1472	Nanoparticles in Medicine: A Focus on Vascular Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-20.	1.9	122
1473	"Trojan Horse―DNA Nanostructure for Personalized Theranostics: Can It Knock on the Door of Preclinical Practice?. Langmuir, 2018, 34, 15028-15044.	1.6	8
1474	Recent advances in gold and silver nanoparticle based therapies for lung and breast cancers. International Journal of Pharmaceutics, 2018, 553, 483-509.	2.6	54
1475	Theranostics Aspects of Various Nanoparticles in Veterinary Medicine. International Journal of Molecular Sciences, 2018, 19, 3299.	1.8	50

#	Article	IF	CITATIONS
1476	Rational Ligand Design To Improve Agrochemical Delivery Efficiency and Advance Agriculture Sustainability. ACS Sustainable Chemistry and Engineering, 2018, 6, 13599-13610.	3.2	37
1477	Recent Patents on Polymeric Nanoparticles for Cancer Therapy. Recent Patents on Nanotechnology, 2018, 12, 155-169.	0.7	14
1478	Synthesis of multi-walled phosphorus and sulfur co-doped CNTs. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 715-721.	1.0	9
1479	In vitro cellular localization and efficient accumulation of fluorescently tagged biomaterials from monodispersed chitosan nanoparticles for elucidation of controlled release pathways for drug delivery systems. International Journal of Nanomedicine, 2018, Volume 13, 5075-5095.	3.3	18
1480	In Vivo Early Tumor Detection and Diagnosis by Infrared Luminescence Transient Nanothermometry. Advanced Functional Materials, 2018, 28, 1803924.	7.8	83
1481	Deep Insight into PEGylation of Bioadhesive Chitosan Nanoparticles: Sensitivity Study for the Key Parameters Through Artificial Neural Network Model. ACS Applied Materials & Interfaces, 2018, 10, 33945-33955.	4.0	50
1482	Degradable polymer prodrugs with adjustable activity from drug-initiated radical ring-opening copolymerization. Chemical Science, 2018, 9, 8291-8306.	3.7	38
1483	Enhancing the Delivery of Chemotherapeutics: Role of Biodegradable Polymeric Nanoparticles. Molecules, 2018, 23, 2157.	1.7	82
1484	Bioresponsive Nanoparticles Targeted to Infectious Microenvironments for Sepsis Management. Advanced Materials, 2018, 30, e1803618.	11.1	149
1485	Exosomes: Cellular capsules for drug delivery in Parkinson's disease. , 2018, , 91-151.		3
1486	Quantitative two-photon microscopy imaging analysis of human skin to evaluate enhanced transdermal delivery by hybrid-type multi-lamellar nanostructure. Biomedical Optics Express, 2018, 9, 3974.	1.5	6
1487	Mechanical determination of particle–cell interactions and the associated biomedical applications. Journal of Materials Chemistry B, 2018, 6, 7129-7143.	2.9	9
1488	Interaction of green nanoparticles with cells and organs. , 2018, , 185-237.		3
1489	Potential role of genipin in cancer therapy. Pharmacological Research, 2018, 133, 195-200.	3.1	98
1490	Rod-like cellulose nanocrystal/cis-aconityl-doxorubicin prodrug: A fluorescence-visible drug delivery system with enhanced cellular uptake and intracellular drug controlled release. Materials Science and Engineering C, 2018, 91, 179-189.	3.8	46
1491	Smart liposomal drug delivery for treatment of oxidative stress model in human embryonic stem cell-derived retinal pigment epithelial cells. International Journal of Pharmaceutics, 2018, 548, 62-72.	2.6	9
1492	A facile and efficient strategy to encapsulate the model basic protein lysozyme into porous CaCO ₃ . Journal of Materials Chemistry B, 2018, 6, 4205-4215.	2.9	28
1493	Novel analytical methods to assess the chemical and physical properties of liposomes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1091, 14-20.	1.2	16

#	Article	IF	Citations
1494	Detrimental impact of silica nanoparticles on the nanomechanical properties of Escherichia coli, studied by AFM. Journal of Colloid and Interface Science, 2018, 529, 53-64.	5.0	34
1495	Drug-Abuse Nanotechnology: Opportunities and Challenges. ACS Chemical Neuroscience, 2018, 9, 2288-2298.	1.7	7
1496	Polymer nanoparticle sizes from dynamic light scattering and size exclusion chromatography: the case study of polysilanes. Soft Matter, 2018, 14, 4735-4740.	1.2	10
1497	Polymer-Stabilized Micelles Reduce the Drug Rapid Clearance <i>In Vivo</i> . Journal of Nanomaterials, 2018, 2018, 1-7.	1.5	13
1498	Hybrid folic acid-conjugated gold nanorods-loaded human serum albumin nanoparticles for simultaneous photothermal and chemotherapeutic therapy. Materials Science and Engineering C, 2018, 91, 669-678.	3.8	21
1499	pH-responsive polymers for drug delivery applications. , 2018, , 121-141.		23
1500	Cyclodextrin-Based Nanosystems in Targeted Cancer Therapy. Environmental Chemistry for A Sustainable World, 2018, , 59-80.	0.3	1
1501	Biopolymers-graphene oxide nanoplatelets composites with enhanced conductivity and biocompatibility suitable for tissue engineering applications. , 2018, , 457-544.		2
1502	pH and Ultrasound Dual-Responsive Polydopamine-Coated Mesoporous Silica Nanoparticles for Controlled Drug Delivery. Langmuir, 2018, 34, 9974-9981.	1.6	95
1503	Tailored topography: a novel fabrication technique using an elasticity gradient. Soft Matter, 2018, 14, 7034-7044.	1.2	10
1504	Developments of Cyanobacteria for Nano-Marine Drugs: Relevance of Nanoformulations in Cancer Therapies. Marine Drugs, 2018, 16, 179.	2.2	54
1505	Multiscale models for transport and biodistribution of therapeutics in cancer. Computer Aided Chemical Engineering, 2018, , 209-237.	0.3	4
1506	Tumorâ€ e ssociated macrophages and epithelial–mesenchymal transition in cancer: Nanotechnology comes into view. Journal of Cellular Physiology, 2018, 233, 9223-9236.	2.0	33
1507	Microfluidics Synthesis of Gene Silencing Cubosomes. ACS Nano, 2018, 12, 9196-9205.	7.3	63
1508	The anticancer efficacy of paclitaxel liposomes modified with low-toxicity hydrophobic cell-penetrating peptides in breast cancer: an <i>in vitro</i> and <i>in vivo</i> evaluation. RSC Advances, 2018, 8, 24084-24093.	1.7	24
1509	Synthetic Biology and Engineered Live Biotherapeutics: Toward Increasing System Complexity. Cell Systems, 2018, 7, 5-16.	2.9	107
1510	A bird's eye view of nanoparticles prepared by electrospraying: advancements in drug delivery field. Journal of Controlled Release, 2018, 286, 179-200.	4.8	58
1511	Core–shell poly-methyl methacrylate nanoparticles covalently functionalized with a non-symmetric porphyrin for anticancer photodynamic therapy. Journal of Photochemistry and Photobiology B: Biology, 2018, 186, 169-177.	1.7	22

#	Article	IF	CITATIONS
1512	Optoacoustic imaging identifies ovarian cancer using a microenvironment targeted theranostic wormhole mesoporous silica nanoparticle. Biomaterials, 2018, 182, 114-126.	5.7	44
1513	Nanoengineering of Soft Polymer Particles for Exploring Bio-Nano Interactions. , 2018, , 393-419.		1
1514	Enhancement of water self-diffusion at super-hydrophilic surface with ordered water. Chinese Physics B, 2018, 27, 060101.	0.7	7
1515	Nanotechnology for Cancer Therapy Based on Chemotherapy. Molecules, 2018, 23, 826.	1.7	223
1516	Design, Synthesis and Architectures of Hybrid Nanomaterials for Therapy and Diagnosis Applications. Polymers, 2018, 10, 527.	2.0	62
1517	Modular Synthesis of Bioreducible Gene Vectors through Polyaddition of N,Nâ€2-Dimethylcystamine and Diglycidyl Ethers. Polymers, 2018, 10, 687.	2.0	7
1518	Effective Delivery of Arsenic Trioxide to HPV-Positive Cervical Cancer Cells Using Optimised Liposomes: A Size and Charge Study. International Journal of Molecular Sciences, 2018, 19, 1081.	1.8	19
1519	Water-dispersible PEG-curcumin/amine-functionalized covalent organic framework nanocomposites as smart carriers for in vivo drug delivery. Nature Communications, 2018, 9, 2785.	5.8	353
1520	Acid-degradable lactobionic acid-modified soy protein nanogels crosslinked by ortho ester linkage for efficient antitumor in vivo. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 128, 247-258.	2.0	19
1521	Chemical and Biological Sensing Using Hybridization Chain Reaction. ACS Sensors, 2018, 3, 878-902.	4.0	70
1522	Binding Characteristics of Anticancer Drug Doxorubicin with Two-Dimensional Graphene and Graphene Oxide: Insights from Density Functional Theory Calculations and Fluorescence Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 21031-21038.	1.5	41
1523	Understanding the significance variables for fabrication of fish gelatin nanoparticles by Plackett-Burman design. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012006.	0.3	3
1524	Neutrophilâ€Based Delivery Systems for Nanotherapeutics. Small, 2018, 14, e1801674.	5.2	51
1525	Advancements in the oral delivery of Docetaxel: challenges, current state-of-the-art and future trends. International Journal of Nanomedicine, 2018, Volume 13, 3145-3161.	3.3	95
1526	Imaging Nanomedicine-Based Drug Delivery: a Review of Clinical Studies. Molecular Imaging and Biology, 2018, 20, 683-695.	1.3	86
1527	Multifunctional Theranostic Nanoparticles Derived from Fruit-Extracted Anthocyanins with Dynamic Disassembly and Elimination Abilities. ACS Nano, 2018, 12, 8255-8265.	7.3	99
1528	Development of Nanoscale Oil Bodies for Targeted Treatment of Lung Cancer. Journal of Agricultural and Food Chemistry, 2018, 66, 9438-9445.	2.4	12
1529	Nanotoxicology: Toxicity and Risk Assessment of Nanomaterials *Equal contribution. , 2018, , 437-465.		10

		15	Circiana
#	ARTICLE	IF	CITATIONS
1530	Cosmetic lipid nanocarriers. , 2018, , 437-472.		1
1531	Combinatorial Nano–Bio Interfaces. ACS Nano, 2018, 12, 5078-5084.	7.3	84
1532	Multilayered Controlled Drug Release Silk Fibroin Nanofilm by Manipulating Secondary Structure. Biomacromolecules, 2018, 19, 3096-3103.	2.6	44
1533	Advances in Biomaterials for Drug Delivery. Advanced Materials, 2018, 30, e1705328.	11.1	565
1534	Organ-Dedicated Molecular Imaging Systems. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 388-403.	2.7	64
1535	Neutralization of cholera toxin with nanoparticle decoys for treatment of cholera. PLoS Neglected Tropical Diseases, 2018, 12, e0006266.	1.3	19
1536	Understanding and utilizing the biomolecule/nanosystems interface. , 2018, , 207-297.		19
1537	Human serum albumin–malathion complex study in the presence of silver nanoparticles at different sizes by multi spectroscopic techniques. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2254-2264.	2.0	23
1538	Antibacterial Activity of Vancomycin Encapsulated in Poly(DL-lactide-co-glycolide) Nanoparticles Using Electrospraying. Probiotics and Antimicrobial Proteins, 2019, 11, 310-316.	1.9	10
1539	Matrix metalloproteinases sensitive multifunctional micelles for inhibition of metastatic tumor growth and metastasis. Powder Technology, 2019, 358, 3-12.	2.1	3
1540	Applications of Nanotechnology for Regenerative Medicine; Healing Tissues at the Nanoscale. , 2019, , 485-504.		20
1541	Probing the biological obstacles of nanomedicine with gold nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2019, 11, e1542.	3.3	51
1542	Deep Tumor Penetration of Drug-Loaded Nanoparticles by Click Reaction-Assisted Immune Cell Targeting Strategy. Journal of the American Chemical Society, 2019, 141, 13829-13840.	6.6	88
1543	Redox-Driven Disassembly of Polymer–Chlorambucil Polyprodrug: Delivery of Anticancer Nitrogen Mustard and DNA Alkylation. ACS Applied Polymer Materials, 2019, 1, 2503-2515.	2.0	35
1544	Survey of Clinical Translation of Cancer Nanomedicines—Lessons Learned from Successes and Failures. Accounts of Chemical Research, 2019, 52, 2445-2461.	7.6	333
1545	Cyclodextrin based unimolecular micelles with targeting and biocleavable abilities as chemotherapeutic carrier to overcome drug resistance. Materials Science and Engineering C, 2019, 105, 110047.	3.8	21
1546	Production of polycaprolactone nanoparticles with hydrodynamic diameters below 100Ânm. Engineering in Life Sciences, 2019, 19, 658-665.	2.0	20
1547	Active targeting drug delivery nanocarriers: Ligands. Nano Structures Nano Objects, 2019, 19, 100370.	1.9	76

#	Article	IF	CITATIONS
1548	DFT study of the therapeutic potential of phosphorene as a new drug-delivery system to treat cancer. RSC Advances, 2019, 9, 24325-24332.	1.7	58
1549	Folate-graphene chelate manganese nanoparticles as a theranostic system for colon cancer MR imaging and drug delivery: In-vivo examinations. Journal of Drug Delivery Science and Technology, 2019, 54, 101223.	1.4	17
1550	A molecular approach on the ability of functionalized single walled carbon nanotube for cathinone sensing. RSC Advances, 2019, 9, 21852-21858.	1.7	0
1551	Synthesis and characterization of chitosan oligosaccharide-capped gold nanoparticles as an effective antibiofilm drug against the Pseudomonas aeruginosa PAO1. Microbial Pathogenesis, 2019, 135, 103623.	1.3	51
1552	Tumor Microenvironment-Activated and Viral-Mimicking Nanodrugs Driven by Molecular Precise Recognition for dNTP Inhibition-Induced Synergistic Cancer Therapy. ACS Biomaterials Science and Engineering, 2019, 5, 4442-4454.	2.6	4
1553	Available delivery technologies for intervention execution. , 2019, , 13-22.		0
1554	Encapsulation of hydrophobic components in dendrimersomes and decoration of their surface with proteins and nucleic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15378-15385.	3.3	41
1555	Aerosolization of Nanotherapeutics as a Newly Emerging Treatment Regimen for Peritoneal Carcinomatosis. Cancers, 2019, 11, 906.	1.7	18
1556	Application of Nanotechnology in Diagnosis, Drug Dissolution, Drug Discovery, and Drug Carrier. Nanotechnology in the Life Sciences, 2019, , 449-475.	0.4	2
1557	Herbonanoceuticals: A Novel Beginning in Drug Discovery and Therapeutics. Nanotechnology in the Life Sciences, 2019, , 161-186.	0.4	2
1558	Study on intracellular delivery of liposome encapsulated quantum dots using advanced fluorescence microscopy. Scientific Reports, 2019, 9, 10504.	1.6	18
1559	Multifunctional one-dimensional polymeric nanostructures for drug delivery and biosensor applications. Nanotechnology, 2019, 30, 412001.	1.3	19
1560	Research progress on extraction, biological activities and delivery systems of natural astaxanthin. Trends in Food Science and Technology, 2019, 91, 354-361.	7.8	98
1561	Synthesis, photophysical and photobiological characterization of BSA nanoparticles loaded with chloroaluminium phthalocyanine by one-step desolvation technique for photodynamic therapy action. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 1559-1573.	1.9	9
1562	A Biodegradable Multifunctional Graphene Oxide Platform for Targeted Cancer Therapy. Advanced Functional Materials, 2019, 29, 1901761.	7.8	54
1563	Analysis of pH and salt concentration on structural and model-drug delivery properties of polysaccharide-based multilayered films. Thin Solid Films, 2019, 685, 312-320.	0.8	16
1564	cRGD-functionalized nanoparticles for combination therapy of anti-endothelium dependent vessels and anti-vasculogenic mimicry to inhibit the proliferation of ovarian cancer. Acta Biomaterialia, 2019, 94, 495-504.	4.1	37
1565	A reactive oxygen species-generating, cancer stem cell-potent manganese(<scp>ii</scp>) complex and its encapsulation into polymeric nanoparticles. Chemical Science, 2019, 10, 7792-7800.	3.7	49

#	Article	IF	CITATIONS
1566	Electronic structures of a cerasome surface model. Japanese Journal of Applied Physics, 2019, 58, SIID04.	0.8	0
1567	Modeling Molecular Communications in Tubes With Poiseuille Flow and Robin Boundary Condition. IEEE Communications Letters, 2019, 23, 1314-1318.	2.5	4
1568	Lipid/PLGA Hybrid Microbubbles as a Versatile Platform for Noninvasive Image-Guided Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2019, 11, 41842-41852.	4.0	50
1569	Biocompatibility in regenerative nanomedicine. Nanomedicine, 2019, 14, 2763-2775.	1.7	33
1571	Cationic Oligopeptide-Functionalized Mitochondria Targeting Sequence Show Mitochondria Targeting and Anticancer Activity. Macromolecular Research, 2019, 27, 1071-1080.	1.0	10
1573	Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. Nano Letters, 2019, 19, 8947-8955.	4.5	41
1574	Nanomedicine – advantages for their use in rheumatoid arthritis theranostics. Journal of Controlled Release, 2019, 316, 302-316.	4.8	59
1576	A pH-responsive nanoparticle targets the neurokinin 1 receptor in endosomes to prevent chronic pain. Nature Nanotechnology, 2019, 14, 1150-1159.	15.6	103
1577	Biofabrication of silver nanoparticles from aqueous leaf extract of <i>Leucas aspera</i> and their anticancer activity on human cervical cancer cells. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 045008.	0.7	5
1578	Bio-Nano Interfacial Interactions for Drug Delivery Systems. , 2019, , 53-73.		0
1580	Recent advances on thermosensitive and pH-sensitive liposomes employed in controlled release. Journal of Controlled Release, 2019, 315, 1-22.	4.8	134
1581	Role of lymph node stroma and microenvironment in T cell tolerance. Immunological Reviews, 2019, 292, 9-23.	2.8	36
1582	Advances in Biodegradable Nano-Sized Polymer-Based Ocular Drug Delivery. Polymers, 2019, 11, 1371.	2.0	60
1583	Insights into Active Targeting of Nanoparticles in Drug Delivery: Advances in Clinical Studies and Design Considerations for Cancer Nanomedicine. Bioconjugate Chemistry, 2019, 30, 2300-2311.	1.8	161
1584	An Agarose–Curdlan Nanogel that Carries Etanercept to Target and Neutralises TNF-α Produced by Dectin-1-Expressing Immune Cells. Journal of Electronic Materials, 2019, 48, 6570-6582.	1.0	4
1585	Quantitative evaluation of liposomal doxorubicin and its metabolites in spheroids. Analytical and Bioanalytical Chemistry, 2019, 411, 7087-7094.	1.9	11
1586	Challenges and strategies in drug delivery systems for treatment of pulmonary infections. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 144, 110-124.	2.0	95
1587	Regulatory T Cells Tailored with pH-Responsive Liposomes Shape an Immuno-Antitumor Milieu against Tumors. ACS Applied Materials & Interfaces, 2019, 11, 36333-36346.	4.0	31

#	Article	IF	CITATIONS
1588	Corona Composition Can Affect the Mechanisms Cells Use to Internalize Nanoparticles. ACS Nano, 2019, 13, 11107-11121.	7.3	205
1589	Dual-functional supramolecular nanohybrids of quantum dot/biopolymer/chemotherapeutic drug for bioimaging and killing brain cancer cells in vitro. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110507.	2.5	27
1590	Hybrid Clustered Nanoparticles for Chemo-Antibacterial Combinatorial Cancer Therapy. Cancers, 2019, 11, 1338.	1.7	14
1591	Nanodelivery of Mycophenolate Mofetil to the Organ Improves Transplant Vasculopathy. ACS Nano, 2019, 13, 12393-12407.	7.3	21
1592	A novel kit for early diagnosis of Alzheimer's disease using a fluorescent nanoparticle imaging. Scientific Reports, 2019, 9, 13184.	1.6	17
1593	Advances in Computational Fluid Mechanics in Cellular Flow Manipulation: A Review. Applied Sciences (Switzerland), 2019, 9, 4041.	1.3	18
1594	A near infrared light-triggerable modular formulation for the delivery of small biomolecules. Journal of Nanobiotechnology, 2019, 17, 97.	4.2	10
1595	Hydrophobically modified inulin-based micelles: Transport mechanisms and drug delivery applications for breast cancer. Journal of Drug Delivery Science and Technology, 2019, 54, 101254.	1.4	17
1596	Biofunctionalization of selenium nanoparticles with a polysaccharide from <i>Rosa roxburghii</i> fruit and their protective effect against H ₂ O ₂ -induced apoptosis in INS-1 cells. Food and Function, 2019, 10, 539-553.	2.1	94
1597	Efficient Delivery of Plasmid DNA Using Incorporated Nucleotides for Precise Conjugation of Targeted Nanoparticles. ACS Applied Bio Materials, 2019, 2, 717-727.	2.3	8
1598	Green synthesis of nanoparticles: A greener approach for a cleaner future. , 2019, , 1-26.		77
1599	Molecular-Based Nano-Communication Network: A Ring Topology Nano-Bots for In-Vivo Drug Delivery Systems. IEEE Access, 2019, 7, 12901-12913.	2.6	7
1600	Histidine-Rich Cell-Penetrating Peptide for Cancer Drug Delivery and Its Uptake Mechanism. Langmuir, 2019, 35, 3513-3523.	1.6	45
1601	pH triggered and charge attracted nanogel for simultaneous evaluation of penetration and toxicity against skin cancer: In-vitro and ex-vivo study. International Journal of Biological Macromolecules, 2019, 128, 740-751.	3.6	22
1602	Ultrasound Reversible Response Nanocarrier Based on Sodium Alginate Modified Mesoporous Silica Nanoparticles. Frontiers in Chemistry, 2019, 7, 59.	1.8	28
1603	Ambient Surface Stability of Thin Film Nanocrystalline Cu3SbSe4 and Structure–Property Relationships. ACS Applied Energy Materials, 2019, 2, 1903-1910.	2.5	8
1604	A Smart pH-Sensitive Delivery System for Enhanced Anticancer Efficacy via Paclitaxel Endosomal Escape. Frontiers in Pharmacology, 2019, 10, 10.	1.6	61
1605	Processing Aspects and Biomedical and Environmental Applications of Sustainable Nanocomposites Containing Nanofillers. , 2019, , 727-757.		1

#	Article	IF	CITATIONS
1606	A sequentially responsive and structure-transformable nanoparticle with a comprehensively improved †CAPIR cascade' for enhanced antitumor effect. Nanoscale, 2019, 11, 1177-1194.	2.8	19
1607	Logical design and application of prodrug platforms. Polymer Chemistry, 2019, 10, 306-324.	1.9	58
1608	Nanomaterials for Drug Delivery Systems. , 2019, , 273-301.		16
1609	tLyp-1-conjugated GSH-sensitive biodegradable micelles mediate enhanced pUNO1-hTRAILa/curcumin co-delivery to gliomas. Chemical Engineering Journal, 2019, 374, 392-404.	6.6	23
1610	Delivery, uptake, fate, and transport of engineered nanoparticles in plants: a critical review and data analysis. Environmental Science: Nano, 2019, 6, 2311-2331.	2.2	192
1611	Transforming stealthy to sticky nanocarriers: a potential application for tumor therapy. Biomaterials Science, 2019, 7, 3581-3593.	2.6	12
1612	The hepatic-targeted, resveratrol loaded nanoparticles for relief of high fat diet-induced nonalcoholic fatty liver disease. Journal of Controlled Release, 2019, 307, 139-149.	4.8	52
1613	Perspectives in Liquid-Crystal-Aided Nanotechnology and Nanoscience. Applied Sciences (Switzerland), 2019, 9, 2512.	1.3	95
1614	Absorption, distribution, metabolism and excretion of the biomaterials used in Nanocarrier drug delivery systems. Advanced Drug Delivery Reviews, 2019, 143, 97-114.	6.6	130
1615	Microwave-Assisted Synthesis for Carbon Nanomaterials. , 2019, , 121-147.		5
1616	Understanding the cellular uptake and biodistribution of a dual-targeting carrier based on redox-sensitive hyaluronic acid-ss-curcumin micelles for treating brain glioma. International Journal of Biological Macromolecules, 2019, 136, 143-153.	3.6	16
1617	RNA-based diagnostic and therapeutic strategies for cardiovascular disease. Nature Reviews Cardiology, 2019, 16, 661-674.	6.1	218
1618	Microporous organic network nanoparticles for dual chemo-photodynamic cancer therapy. Journal of Materials Chemistry B, 2019, 7, 4118-4123.	2.9	5
1619	Magnetic core-shell S-nitrosothiols nanoparticles as tumor dual-targeting theranostic platform. Colloids and Surfaces B: Biointerfaces, 2019, 181, 400-407.	2.5	7
1620	A Perspective Review on the Role of Nanomedicine in the Modulation of TNF-TNFR2 Axis in Breast Cancer Immunotherapy. Journal of Oncology, 2019, 2019, 1-13.	0.6	27
1621	Potential of biocompatible polymeric ultra-thin films, nanosheets, as topical and transdermal drug delivery devices. International Journal of Pharmaceutics, 2019, 565, 41-49.	2.6	14
1622	Tumor-targeting intracellular drug delivery based on dual acid/reduction-degradable nanoassemblies with ketal interface and disulfide core locations. Polymer Chemistry, 2019, 10, 2840-2853.	1.9	20
1623	Emergence of Complex Structures by Spontaneous Cessation of Diffusion in Self-Organizing Systems. Journal of Physical Chemistry C, 2019, 123, 13958-13967.	1.5	2

		CITATION REPORT	
#	Article	IF	CITATIONS
1624	Recent advances in nanoparticles-based strategies for cancer therapeutics and antibacterial applications. Methods in Microbiology, 2019, , 255-293.	0.4	22
1625	Phloroglucinol-conjugated gold nanoparticles targeting mitochondrial membrane potential of human cervical (HeLa) cancer cell lines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 450-456.	2.0	13
1626	Nanostructured carriers as innovative tools for cancer diagnosis and therapy. APL Bioengineering, 2019, 3, 011502.	3.3	164
1627	Subcritical water processing for nanopharmaceuticals. Chemical Engineering and Processing: Proce Intensification, 2019, 140, 36-42.	2SS 1.8	17
1628	An overview of active and passive targeting strategies to improve the nanocarriers efficiency to tumour sites. Journal of Pharmacy and Pharmacology, 2019, 71, 1185-1198.	1.2	573
1629	Nanoparticle Interaction With Immune Cells for Nanoparticle-Mediated (Anticancer) Immunothera 2019, , 55-73.	ру. ,	2
1630	Advanced Nanovaccines for Immunotherapy Applications: From Concept to Animal Tests. , 2019, , 231-260.		1
1631	Nutlin3a-Loaded Nanoparticles Show Enhanced Apoptotic Activity on Prostate Cancer Cells. Molecular Biotechnology, 2019, 61, 489-497.	1.3	7
1632	Reverse Transcriptase Inhibitors Nanosystems Designed for Drug Stability and Controlled Delivery. Pharmaceutics, 2019, 11, 197.	2.0	15
1633	Superiorities of nanoscale materials in drug delivery. , 2019, , 1-18.		Ο
1634	Novel multifunctional nanocarrier-mediated codelivery for targeting and treatment of prostate cancer. , 2019, , 185-224.		2
1635	The effect of surfactants modification on nanocrystalline cellulose for paclitaxel loading and release study. Journal of Molecular Liquids, 2019, 282, 407-414.	2.3	30
1636	Systematic investigation of in vitro and in vivo safety, toxicity and degradation of mesoporous silic nanoparticles synthesized using commercial sodium silicate. Microporous and Mesoporous Materi 2019, 284, 343-352.	a als, 2.2	46
1637	Nanocarriers of Fe3O4 as a Novel Method for Delivery of the Antineoplastic Agent Doxorubicin Int HeLa Cells in vitro. Frontiers in Oncology, 2019, 9, 250.	0 1.3	6
1638	Nanocoatings. , 2019, , 299-331.		4
1639	Injectable microgel–hydrogel composites "plum pudding gels†new system for prolonged c delivery. , 2019, , 343-372.	rug	8

A theranostic approach to breast cancer by a quantum dots- and magnetic nanoparticles-conjugated peptide. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 88-95.

4.6

Cell membrane-covered nanoparticles as biomaterials. National Science Review, 2019, 6, 551-561.

#	Article	IF	CITATIONS
1643	Polymer encapsulation of ruthenium complexes for biological and medicinal applications. Nature Reviews Chemistry, 2019, 3, 261-282.	13.8	119
1644	Nanoplatforms of Manganese Ferrite Nanoparticles Functionalized with Antiâ€Inflammatory Drugs. European Journal of Inorganic Chemistry, 2019, 2019, 1895-1903.	1.0	10
1645	Recent advances of stimuli-responsive systems based on transition metal dichalcogenides for smart cancer therapy. Journal of Materials Chemistry B, 2019, 7, 2588-2607.	2.9	29
1646	Advanced nanostructures for cell membrane poration. Nanotechnology, 2019, 30, 264002.	1.3	16
1647	Layer-By-Layer Film Engineering for Sequential Gene Delivery. Methods in Molecular Biology, 2019, 1943, 161-176.	0.4	1
1648	Light/pH-Triggered Biomimetic Red Blood Cell Membranes Camouflaged Small Molecular Drug Assemblies for Imaging-Guided Combinational Chemo-Photothermal Therapy. ACS Applied Materials & Interfaces, 2019, 11, 15262-15275.	4.0	90
1649	<p>Lipid–polymer hybrid nanoparticles as a next-generation drug delivery platform: state of the art, emerging technologies, and perspectives</p> . International Journal of Nanomedicine, 2019, Volume 14, 1937-1952.	3.3	284
1650	Tips and Tricks for the Surface Engineering of Wellâ€Ordered Morphologically Driven Silverâ€Based Nanomaterials. ChemistryOpen, 2019, 8, 508-519.	0.9	6
1651	Selective delivery of curcumin to HER2/neu-overexpressing tumor cells using nanoscale oil body. Journal of the Taiwan Institute of Chemical Engineers, 2019, 99, 38-44.	2.7	5
1652	A simple coating method of PDMS microchip with PTFE for synthesis of dexamethasone-encapsulated PLGA nanoparticles. Drug Delivery and Translational Research, 2019, 9, 707-720.	3.0	17
1653	A Bismuth Metal–Organic Framework as a Contrast Agent for X-ray Computed Tomography. ACS Applied Bio Materials, 2019, 2, 1197-1203.	2.3	68
1654	Disassembly and tumor-targeting drug delivery of reduction-responsive degradable block copolymer nanoassemblies. Polymer Chemistry, 2019, 10, 1554-1568.	1.9	37
1655	Precise targeting of POLR2A as a therapeutic strategy for human triple negative breast cancer. Nature Nanotechnology, 2019, 14, 388-397.	15.6	107
1656	Carbon quantum dots and their biomedical and therapeutic applications: a review. RSC Advances, 2019, 9, 6460-6481.	1.7	314
1657	Inhibition of the adenosinergic pathway: the indispensable part of oncological therapy in the future. Purinergic Signalling, 2019, 15, 53-67.	1.1	10
1658	Nano-immunoengineering: Opportunities and challenges. Current Opinion in Biomedical Engineering, 2019, 10, 51-59.	1.8	23
1659	Smart Delivery Systems Based on Poly(glycidyl methacrylate)s oated Organic/Inorganic Core–Shell Nanohybrids. Macromolecular Rapid Communications, 2019, 40, 1800879.	2.0	9
1660	Green Synthesis of Gold Nanoparticles by Using Natural Gums. , 2019, , 111-134.		17

# 1661	ARTICLE Delivery systems for biomedical applications. , 2019, , 93-116.	IF	Citations
1662	Encoding biological recognition in a bicomponent cell-membrane mimic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5376-5382.	3.3	51
1663	Dual-receptor targeted strategy in nanoparticle design achieves tumor cell selectivity through cooperativity. Nanoscale, 2019, 11, 4414-4427.	2.8	49
1664	Nanotechnology for Psoriasis Therapy. Current Dermatology Reports, 2019, 8, 14-25.	1.1	19
1665	Preparation and purification of novel phosphatidyl prodrug and performance modulation of phosphatidyl nanoprodrug. Bioresources and Bioprocessing, 2019, 6, .	2.0	2
1666	7. Natural nanofibers and applications. , 2019, , 157-188.		3
1667	Mesoporous Silica Nanoparticles and Waste Derived-Siliceous Materials for Doxorubicin Adsorption and Release. Materials Today: Proceedings, 2019, 19, 1420-1425.	0.9	5
1669	Nanoparticle and polymeric nanoparticle-based targeted drug delivery systems. , 2019, , 191-240.		9
1670	Protease Responsive Essential Amino-Acid Based Nanocarriers for Near-Infrared Imaging. Scientific Reports, 2019, 9, 20334.	1.6	8
1671	Correlation between nucleic acids and nanoparticle therapeutics for cancer treatment. , 2019, , 151-171.		1
1672	Drug delivery systems as advanced nanotechnology. , 2019, , 173-190.		0
1673	Combinational delivery therapies of nucleic acids for cancer treatment. , 2019, , 257-291.		0
1674	Potential role of gold nanoparticles in cancer diagnosis and targeted drug delivery. , 2019, , 267-286.		0
1675	Cancer nanomedicine: focus on recent developments and self-assembled peptide nanocarriers. Journal of Materials Chemistry B, 2019, 7, 7639-7655.	2.9	60
1676	FDA and the medical device clinical drug trials. , 2019, , 301-357.		0
1677	Recent advances in the delivery of disulfiram: a critical analysis of promising approaches to improve its pharmacokinetic profile and anticancer efficacy. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 853-862.	0.9	18
1678	SPIONâ€Decorated Exosome Delivered BAY55â€9837 Targeting the Pancreas through Magnetism to Improve the Blood GLC Response. Small, 2019, 15, e1903135.	5.2	53
1679	Targeting Approaches of Nanomedicines in Acute Myeloid Leukemia. Dose-Response, 2019, 17, 155932581988704.	0.7	14

#	Apticie	IF	CITATION
1680	<p>Physical PEGylation Enhances The Cytotoxicity Of 5-Fluorouracil-Loaded PLGA And PCL Nanoparticles</p> . International Journal of Nanomedicine, 2019, Volume 14, 9259-9273.	3.3	30
1682	A polyprodrug-based nanoplatform for cisplatin prodrug delivery and combination cancer therapy. Chemical Communications, 2019, 55, 13987-13990.	2.2	14
1683	Urotensin-II-Targeted Liposomes as a New Drug Delivery System towards Prostate and Colon Cancer Cells. Journal of Oncology, 2019, 2019, 1-14.	0.6	18
1684	Biocompatibility assessment and photocatalytic activity of bio-hydrothermal synthesis of ZnO nanoparticles by Thymus vulgaris leaf extract. Materials Research Bulletin, 2019, 109, 49-59.	2.7	97
1685	Development of nanoparticulate systems with action in breast and ovarian cancer: nanotheragnostics. Journal of Drug Targeting, 2019, 27, 732-741.	2.1	15
1686	Photothermal Heating-Induced Localized Structural Disruption in a Poly-Îμ-caprolactone Nanocarrier System for Controlled Drug Delivery. ACS Applied Bio Materials, 2019, 2, 464-469.	2.3	4
1687	Green one-pot synthesis of carboxymethylcellulose/Zn-based metal-organic framework/graphene oxide bio-nanocomposite as a nanocarrier for drug delivery system. Carbohydrate Polymers, 2019, 208, 294-301.	5.1	165
1688	Metalloporphyrin Complexâ€Based Nanosonosensitizers for Deepâ€Tissue Tumor Theranostics by Noninvasive Sonodynamic Therapy. Small, 2019, 15, e1804028.	5.2	155
1689	Recent Advances in Formulation Strategies for Efficient Delivery of Vitamin D. AAPS PharmSciTech, 2019, 20, 11.	1.5	27
1690	Carrier-free nanoparticles of cathepsin B-cleavable peptide-conjugated doxorubicin prodrug for cancer targeting therapy. Journal of Controlled Release, 2019, 294, 376-389.	4.8	113
1691	A biomimetic cascade nanoreactor for tumor targeted starvation therapy-amplified chemotherapy. Biomaterials, 2019, 195, 75-85.	5.7	127
1692	Fabrication of patterned three-dimensional micron scaled core-sheath architectures for drug patches. Materials Science and Engineering C, 2019, 97, 776-783.	3.8	27
1693	Bioactive cell-like hybrids from dendrimersomes with a human cell membrane and its components. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 744-752.	3.3	49
1694	Domino Reaction for the Sustainable Functionalization of Few-Layer Graphene. Nanomaterials, 2019, 9, 44.	1.9	22
1695	Emerging Theranostic Biogenic Silver Nanomaterials for Breast Cancer: A Systematic Review. Journal of Cluster Science, 2019, 30, 259-279.	1.7	69
1696	Multifunctional Cholesterol-modified Dendrimers for Targeted Drug Delivery to Cancer Cells Expressing Folate Receptors. Chinese Journal of Polymer Science (English Edition), 2019, 37, 129-135.	2.0	17
1697	Polymeric Nanomaterials. , 2019, , 557-653.		22
1698	Fluorescent metal-doped carbon dots for neuronal manipulations. Ultrasonics Sonochemistry, 2019, 52, 205-213.	3.8	70

#	Article	IF	CITATIONS
1699	A dual-sensitive mesoporous silica nanoparticle based drug carrier for cancer synergetic therapy. Colloids and Surfaces B: Biointerfaces, 2019, 175, 65-72.	2.5	20
1700	Glutathione-Responsive Prodrug Nanoparticles for Effective Drug Delivery and Cancer Therapy. ACS Nano, 2019, 13, 357-370.	7.3	204
1701	Delivery of Cancer Nanotherapeutics. Bioanalysis, 2019, , 163-205.	0.1	2
1702	Drug loading augmentation in polymeric nanoparticles using a coaxial turbulent jet mixer: Yong investigator perspective. Journal of Colloid and Interface Science, 2019, 538, 45-50.	5.0	12
1703	Hybrid Nanostructures in Targeted Drug Delivery. , 2019, , 139-158.		11
1704	Numerical investigation of polyethylene glycol polymer (PEG) and dithymoquinone (DTQ) interaction using molecular modeling. Journal of Molecular Liquids, 2019, 276, 134-140.	2.3	8
1705	2D MoS ₂ â€Based Nanomaterials for Therapeutic, Bioimaging, and Biosensing Applications. Small, 2019, 15, e1803706.	5.2	265
1706	Nanotheranostics for Cancer Applications. Bioanalysis, 2019, , .	0.1	3
1707	Recent Advances in Cell Membrane–Camouflaged Nanoparticles for Cancer Phototherapy. Small, 2019, 15, e1804105.	5.2	327
1708	Recent Advances in Iron Oxide Nanoparticles (IONPs): Synthesis and Surface Modification for Biomedical Applications. Journal of Superconductivity and Novel Magnetism, 2019, 32, 779-795.	0.8	55
1709	Nuts and Bolts: Microfluidics for the Production of Biomaterials. Advanced Materials Technologies, 2019, 4, 1800611.	3.0	14
1710	Optimization of Rutin-Loaded PLGA Nanoparticles Synthesized by Single-Emulsion Solvent Evaporation Method. ACS Omega, 2019, 4, 555-562.	1.6	64
1711	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. Nature Communications, 2019, 10, 169.	5.8	303
1712	Polymer Nanogels as Reservoirs To Inhibit Hydrophobic Drug Crystallization. ACS Nano, 2019, 13, 1232-1243.	7.3	23
1713	Mechanism for the Nano-Based Drug Delivery System. , 2019, , 219-263.		17
1714	Stabilization of Silver and Gold Nanoparticles: Preservation and Improvement of Plasmonic Functionalities. Chemical Reviews, 2019, 119, 664-699.	23.0	380
1715	Screening Libraries of Amphiphilic Janus Dendrimers Based on Natural Phenolic Acids to Discover Monodisperse Unilamellar Dendrimersomes. Biomacromolecules, 2019, 20, 712-727.	2.6	36
1716	Assembly of histidine-rich protein materials controlled through divalent cations. Acta Biomaterialia, 2019, 83, 257-264.	4.1	49

#	Article	IF	CITATIONS
1717	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	1.6	17
1718	Lipid-Based Nanoparticles for Drug-Delivery Systems. , 2019, , 249-284.		56
1719	Therapeutic use of curcuminâ€encapsulated and curcuminâ€primed exosomes. Journal of Cellular Physiology, 2019, 234, 8182-8191.	2.0	81
1720	Multifunctional approaches utilizing polymeric micelles to circumvent multidrug resistant tumors. Colloids and Surfaces B: Biointerfaces, 2019, 173, 581-590.	2.5	56
1721	Combination drug therapy via nanocarriers against infectious diseases. European Journal of Pharmaceutical Sciences, 2019, 127, 121-141.	1.9	62
1722	Mononuclear phagocyte system function and nanoparticle pharmacology in obese and normal weight ovarian and endometrial cancer patients. Cancer Chemotherapy and Pharmacology, 2019, 83, 61-70.	1.1	10
1723	A novel MUC1 aptamer-modified PLGA-epirubicin-PÎ ² AE-antimir-21 nanocomplex platform for targeted co-delivery of anticancer agents in vitro and in vivo. Colloids and Surfaces B: Biointerfaces, 2019, 175, 231-238.	2.5	43
1724	Farâ€Red/Nearâ€Infrared Emissive (1,3â€Dimethyl)barbituric Acidâ€Based AlEgens for Highâ€Contrast Detection Metastatic Tumors in the Lung. Chemistry - an Asian Journal, 2019, 14, 871-876.	of 1.7	19
1725	Exosome as a Novel Shuttle for Delivery of Therapeutics across Biological Barriers. Molecular Pharmaceutics, 2019, 16, 24-40.	2.3	163
1726	Insight into the mechanism and factors on encapsulating basic model protein, lysozyme, into heparin doped CaCO3. Colloids and Surfaces B: Biointerfaces, 2019, 175, 184-194.	2.5	22
1727	Investigation of magnetic silica with thermoresponsive chitosan coating for drug controlled release and magnetic hyperthermia application. Materials Science and Engineering C, 2019, 97, 23-30.	3.8	39
1728	Silica Nanospheres. , 2019, , 521-544.		2
1729	Nanoengineered biomaterials for skin regeneration. , 2019, , 265-283.		6
1730	Development of Morphologically Discrete PEG–PDLLA Nanotubes for Precision Nanomedicine. Biomacromolecules, 2019, 20, 177-183.	2.6	23
1731	Medical Applications of Polymer/Functionalized Nanoparticle Systems. , 2019, , 381-404.		3
1732	Amoxicillin-Loaded Polymeric Nanoparticles of Less than 100Ânm: Design, Preparation and Antimicrobial Activity Against Methicillin-Resistant Staphylococcus aureus. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 379-386.	0.7	9
1733	Self-assembled thermosensitive luminescent nanoparticles with peptide-Au conjugates for cellular imaging and drug delivery. Chinese Chemical Letters, 2020, 31, 859-864.	4.8	21
1734	Consumer reactions to unfamiliar technologies: mental and social formation of perceptions and attitudes toward nano and GM products. Journal of Risk Research, 2020, 23, 475-489.	1.4	20

#	Article	IF	CITATIONS
1735	Carbon and boron nanotubes as a template material for adsorption of 6-Thioguanine chemotherapeutic: a molecular dynamics and density functional approach. Journal of Biomolecular Structure and Dynamics, 2020, 38, 697-707.	2.0	17
1736	Protein-loaded soluble and nanoparticulate formulations of ionic polyphosphazenes and their interactions on molecular and cellular levels. Materials Science and Engineering C, 2020, 106, 110179.	3.8	15
1737	Porphyrin-like porous nanomaterials as drug delivery systems for ibuprofen drug. Molecular Physics, 2020, 118, e1678776.	0.8	11
1738	Bioengineering strategies for bone and cartilage tissue regeneration using growth factors and stem cells. Journal of Biomedical Materials Research - Part A, 2020, 108, 394-411.	2.1	41
1739	Biomimetic nanoparticle technology for cardiovascular disease detection and treatment. Nanoscale Horizons, 2020, 5, 25-42.	4.1	80
1740	Nanoparticles and cancer therapy: Perspectives for application of nanoparticles in the treatment of cancers. Journal of Cellular Physiology, 2020, 235, 1962-1972.	2.0	244
1741	Multifunctional nanoplatforms for subcellular delivery of drugs in cancer therapy. Progress in Materials Science, 2020, 107, 100599.	16.0	138
1742	Fluorouracil neutrophil extracellular traps formation inhibited by polymer nanoparticle shielding. Materials Science and Engineering C, 2020, 108, 110382.	3.8	13
1743	Potential clinical applications of the personalized, disease-specific protein corona on nanoparticles. Clinica Chimica Acta, 2020, 501, 102-111.	0.5	26
1744	Recent trends in the development of nano-bioactive compounds and delivery systems. , 2020, , 409-431.		8
1745	Endogenous nucleotide as drug carrier: base-paired guanosine-5′-monophosphate:pemetrexed vesicles with enhanced anticancer capability. Science China Chemistry, 2020, 63, 244-253.	4.2	6
1746	Recent Advances in Molecular Imaging with Gold Nanoparticles. Bioconjugate Chemistry, 2020, 31, 303-314.	1.8	95
1747	Photoactive Nanocarriers for Controlled Delivery. Advanced Functional Materials, 2020, 30, 1903896.	7.8	38
1748	Colloidal magnetic metal oxide nanocrystals and their applications in sustained drug release. , 2020, , 505-524.		1
1749	Supercritical fluid methods: An alternative to conventional methods to prepare liposomes. Chemical Engineering Journal, 2020, 383, 123106.	6.6	69
1750	Delivery of Nanoparticle-Based Radiosensitizers for Radiotherapy Applications. International Journal of Molecular Sciences, 2020, 21, 273.	1.8	72
1751	Hemolysis tendency of anticancer nanoparticles changes with type of blood group antigen: An insight into blood nanoparticle interactions. Materials Science and Engineering C, 2020, 109, 110645.	3.8	27
1752	Novel pH-triggered biocompatible polymeric micelles based on heparin–α-tocopherol conjugate for intracellular delivery of docetaxel in breast cancer. Pharmaceutical Development and Technology, 2020, 25, 492-509.	1.1	28

#	Article	IF	CITATIONS
1753	Nanoparticles carrying fingolimod and methotrexate enables targeted induction of apoptosis and immobilization of invasive thyroid cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 148, 1-9.	2.0	28
1754	Monoolein cubic nanoparticles as novel carriers for docetaxel. Journal of Drug Delivery Science and Technology, 2020, 56, 101501.	1.4	28
1755	Growth of Supported Gold Nanoparticles in Aqueous Phase Studied by in Situ Transmission Electron Microscopy. Journal of Physical Chemistry C, 2020, 124, 2202-2212.	1.5	19
1756	Biocompatibility assessment of sub-5 nm silica-coated superparamagnetic iron oxide nanoparticles in human stem cells and in mice for potential application in nanomedicine. Nanoscale, 2020, 12, 1759-1778.	2.8	36
1757	Catanionic nanocarriers as a potential vehicle for insulin delivery. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110759.	2.5	11
1758	Hyperbranched polyglycerol nanostructures for anti-biofouling, multifunctional drug delivery, bioimaging and theranostic applications. International Journal of Pharmaceutics, 2020, 576, 118959.	2.6	33
1759	Hypoxia-responsive nanoparticle based drug delivery systems in cancer therapy: An up-to-date review. Journal of Controlled Release, 2020, 319, 135-156.	4.8	160
1760	Magnetite–OmpA Nanobioconjugates as Cell-Penetrating Vehicles with Endosomal Escape Abilities. ACS Biomaterials Science and Engineering, 2020, 6, 415-424.	2.6	28
1761	Drop-by-drop solvent hot antisolvent interaction method for engineering nanocrystallization of sulfamethoxazole to enhanced water solubility and bioavailability. Journal of Drug Delivery Science and Technology, 2020, 55, 101359.	1.4	10
1763	Redox-responsive polyprodrug nanoparticles for targeted siRNA delivery and synergistic liver cancer therapy. Biomaterials, 2020, 234, 119760.	5.7	89
1764	A thin hydrogel barrier linked onto cell surface sialic acids through covalent bonds induces cancer cell death <i>in vivo</i> . Biomaterials Science, 2020, 8, 577-585.	2.6	8
1765	Synthesis of a functionalized dipeptide for targeted delivery and pH-sensitive release of chemotherapeutics. Chemical Communications, 2020, 56, 285-288.	2.2	12
1766	SPION decorated exosome delivery of TNF-α to cancer cell membranes through magnetism. Nanoscale, 2020, 12, 173-188.	2.8	94
1767	Graphene-dendritic polymer hybrids: synthesis, properties, and applications. Journal of the Iranian Chemical Society, 2020, 17, 735-764.	1.2	9
1768	Preparation of curcumin-poly (allyl amine) hydrochloride based nanocapsules: Piperine in nanocapsules accelerates encapsulation and release of curcumin and effectiveness against colon cancer cells. Materials Science and Engineering C, 2020, 109, 110550.	3.8	44
1769	A short review on chemical properties, stability and nano-technological advances for curcumin delivery. Expert Opinion on Drug Delivery, 2020, 17, 61-75.	2.4	54
1770	Fullerene C60 containing porphyrin-like metal center as drug delivery system for ibuprofen drug. Journal of Molecular Modeling, 2020, 26, 7.	0.8	49
1771	Euphorbia milii extract-mediated zinc oxide nanoparticles and their antinociceptive, muscle relaxant, and sedative activities for pain management in pediatric children. Applied Nanoscience (Switzerland), 2020, 10, 1297-1303.	1.6	4

#	Article	IF	CITATIONS
1772	Synergistic Effects of Nanomedicine Targeting TNFR2 and DNA Demethylation Inhibitor—An Opportunity for Cancer Treatment. Cells, 2020, 9, 33.	1.8	16
1773	Intracellular protein kinase CK2 inhibition by ferulic acid-based trimodal nanodevice. International Journal of Biological Macromolecules, 2020, 165, 701-712.	3.6	6
1774	Bioengineered elastin- and silk-biomaterials for drug and gene delivery. Advanced Drug Delivery Reviews, 2020, 160, 186-198.	6.6	56
1775	Microfluidics-Assisted Surface Trifunctionalization of a Zeolitic Imidazolate Framework Nanocarrier for Targeted and Controllable Multitherapies of Tumors. ACS Applied Materials & Interfaces, 2020, 12, 45838-45849.	4.0	39
1776	Understanding the influence of experimental factors on bio-interactions of nanoparticles: Towards improving correlation between in vitro and in vivo studies. Archives of Biochemistry and Biophysics, 2020, 694, 108592.	1.4	13
1777	Effects of Polymer 3D Architecture, Size, and Chemistry on Biological Transport and Drug Delivery In Vitro and in Orthotopic Triple Negative Breast Cancer Models. Advanced Healthcare Materials, 2020, 9, 2000892.	3.9	17
1778	Evaluating the structural properties of bioactiveâ€loaded nanocarriers with modern analytical tools. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 3266-3322.	5.9	26
1779	Nanocarrier centered therapeutic approaches: Recent developments with insight towards the future in the management of lung cancer. Journal of Drug Delivery Science and Technology, 2020, 60, 102070.	1.4	12
1780	Supramolecular antibiotics: a strategy for conversion of broad-spectrum to narrow-spectrum antibiotics for <i>Staphylococcus aureus</i> . Nanoscale, 2020, 12, 20693-20698.	2.8	5
1781	Railing Nanoparticles Along Activated Tracks Towards Continuous-Flow Electrokinetic Enrichment from Blood Plasma*. , 2020, 2020, 2249-2252.		1
1782	Lapatinib-loaded acidity-triggered charge switchable polycarbonate-doxorubicin conjugate micelles for synergistic breast cancer chemotherapy. Acta Biomaterialia, 2020, 118, 182-195.	4.1	24
1783	Labelled micelles for the delivery of cytotoxic Cu(II) and Ru(III) compounds in the treatment of aggressive orphan cancers: Design and biological in vitro data. Journal of Inorganic Biochemistry, 2020, 213, 111259.	1.5	10
1784	Therapeutic potential of graphitic carbon nitride as a drug delivery system for cisplatin (anticancer) Tj ETQq0 0 0	rgBT /Ove 1.5	rlock 10 Tf 5(72
1785	The uses of resveratrol for neurological diseases treatment and insights for nanotechnology based-drug delivery systems. International Journal of Pharmaceutics, 2020, 589, 119832.	2.6	27
1786	Investigating the EPR effect of nanomedicines in human renal tumors via ex vivo perfusion strategy. Nano Today, 2020, 35, 100970.	6.2	86
1787	Conjugated Photosensitizers for Imaging and PDT in Cancer Research. Journal of Medicinal Chemistry, 2020, 63, 14119-14150.	2.9	86
1788	Particle design of itraconazole by supercritical anti-solvent technology: Processing-microstructure-solubility relationship. Chemical Engineering and Processing: Process Intensification, 2020, 154, 108013.	1.8	4
1789	Peroxidase-like behavior and photothermal effect of chitosan-coated Prussian-blue nanoparticles: dual-modality antibacterial action with enhanced bioaffinity. Materials Advances, 2020, 1, 774-782.	2.6	10

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#	Article	IF	CITATIONS
1790	Endohedral metalloborospherenes as promising drug delivery systems. Journal of Coordination Chemistry, 2020, 73, 1425-1435.	0.8	5
1791	Curcumin Containing PEGylated Solid Lipid Nanoparticles for Systemic Administration: A Preliminary Study. Molecules, 2020, 25, 2991.	1.7	25
1792	NIR II-Excited and pH-Responsive Ultrasmall Nanoplatform for Deep Optical Tissue and Drug Delivery Penetration and Effective Cancer Chemophototherapy. Molecular Pharmaceutics, 2020, 17, 3720-3729.	2.3	20
1793	Setting out on a fantastic voyage to advance nanomedicine. Communications Biology, 2020, 3, 204.	2.0	0
1794	Imaging of Monoamine Neurotransmitters with Fluorescent Nanoscale Sensors. ChemPlusChem, 2020, 85, 1465-1480.	1.3	27
1795	Chitosan nanobeads loaded with Biginelli hybrids as cell-selective toxicity systems with a homogeneous distribution of the cell cycle in cancer treatment. RSC Advances, 2020, 10, 41542-41550.	1.7	3
1796	Bioactive metal-containing nanomaterials for ferroptotic cancer therapy. Journal of Materials Chemistry B, 2020, 8, 10461-10473.	2.9	20
1797	Smart Nanofibers with Natural Extracts Prevent Senescence Patterning in a Dynamic Cell Culture Model of Human Skin. Cells, 2020, 9, 2530.	1.8	10
1798	<p>Nanotechnology-Based Targeting of mTOR Signaling in Cancer</p> . International Journal of Nanomedicine, 2020, Volume 15, 5767-5781.	3.3	12
1799	Nanoparticle Synthesis, Applications, and Toxicity. , 0, , .		14
1800	Core–shell nanostructures: perspectives towards drug delivery applications. Journal of Materials Chemistry B, 2020, 8, 8992-9027.	2.9	127
1801	Advances in kidney-targeted drug delivery systems. International Journal of Pharmaceutics, 2020, 587,		91
	119079.	2.6	
1802	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393.	2.6	0
1802 1803	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393. Targeted Delivery of Antibiotic Therapy to Inhibit <i>Pseudomonas aeruginosa </i> Using Lipid-Coated Mesoporous Silica Core–Shell Nanoassembly. ACS Applied Bio Materials, 2020, 3, 6708-6721.	2.6	0
1802 1803 1804	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393. Targeted Delivery of Antibiotic Therapy to Inhibit <i>Pseudomonas aeruginosa</i> Using Lipid-Coated Mesoporous Silica Core–Shell Nanoassembly. ACS Applied Bio Materials, 2020, 3, 6708-6721. Aptamers in Biotechnology. Advances in Biochemical Engineering/Biotechnology, 2020, , .	2.6 2.3 0.6	0 34 1
1802 1803 1804 1805	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393. Targeted Delivery of Antibiotic Therapy to Inhibit <i>Pseudomonas aeruginosa </i> Using Lipid-Coated Mesoporous Silica Core–Shell Nanoassembly. ACS Applied Bio Materials, 2020, 3, 6708-6721. Aptamers in Biotechnology. Advances in Biochemical Engineering/Biotechnology, 2020, , . Self-assembly of a robust, reduction-sensitive camptothecin nanotube. Chemical Communications, 2020, 56, 10337-10340.	2.6 2.3 0.6 2.2	0 34 1 9
1802 1803 1804 1805 1806	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393. Targeted Delivery of Antibiotic Therapy to Inhibit <i>Pseudomonas aeruginosa</i> Using Lipid-Coated Mesoporous Silica Coreâ€"Shell Nanoassembly. ACS Applied Bio Materials, 2020, 3, 6708-6721. Aptamers in Biotechnology. Advances in Biochemical Engineering/Biotechnology, 2020, , . Self-assembly of a robust, reduction-sensitive camptothecin nanotube. Chemical Communications, 2020, 56, 10337-10340. In Vitro Release Study of the Polymeric Drug Nanoparticles: Development and Validation of a Novel Method. Pharmaceutics, 2020, 12, 732.	2.6 2.3 0.6 2.2 2.0	0 34 1 9 116

#	Article	IF	CITATIONS
1808	New nanodrug design for cancer therapy: Its synthesis, formulation, in vitro and in silico evaluations. Archiv Der Pharmazie, 2020, 353, 2000137.	2.1	7
1809	Self-organization in suspensions of telechelic star polymers. Polymer, 2020, 205, 122866.	1.8	0
1810	A fluorous biphase drug delivery system triggered by low frequency ultrasound: controlled release from perfluorous discoidal porous silicon particles. Nanoscale Advances, 2020, 2, 3561-3569.	2.2	6
1811	Kinetics of Drug Release via Nicardipine Hydrochlorideâ€loaded Carboxymethyl Cellulose/Poly(D,Lâ€lacticâ€coâ€glycolic acid) Nanocarriers Using a Contemporary Emulsion Process. ChemNanoMat, 2020, 6, 1754-1769.	1.5	7
1812	Emerging Structural and Interfacial Features of Particulate Polymers at the Nanoscale. Langmuir, 2020, 36, 13125-13143.	1.6	2
1813	Overview of Global Trends in Classification, Methods of Preparation and Application of Bacteriocins. Antibiotics, 2020, 9, 553.	1.5	75
1814	Biocompatibility of Biomaterials for Nanoencapsulation: Current Approaches. Nanomaterials, 2020, 10, 1649.	1.9	44
1816	Photoactivated Nanosheets Accelerate Nucleus Access of Cisplatin for Drugâ€Resistant Cancer Therapy. Advanced Functional Materials, 2020, 30, 2001546.	7.8	36
1817	Antibacterial Activity of Silver and Its Application in Dentistry, Cardiology and Dermatology. Microorganisms, 2020, 8, 1400.	1.6	72
1818	Novel Opportunities for Cathepsin S Inhibitors in Cancer Immunotherapy by Nanocarrier-Mediated Delivery. Cells, 2020, 9, 2021.	1.8	26
1819	Natural polysaccharides with different conformations: extraction, structure and anti-tumor activity. Journal of Materials Chemistry B, 2020, 8, 9652-9667.	2.9	47
1820	Nanoparticle-Based Drug Delivery in Cancer Therapy and Its Role in Overcoming Drug Resistance. Frontiers in Molecular Biosciences, 2020, 7, 193.	1.6	510
1821	Recent Advances in Polymeric Nanoparticle-Encapsulated Drugs against Intracellular Infections. Molecules, 2020, 25, 3760.	1.7	66
1822	Modeling of Nanotherapy Response as a Function of the Tumor Microenvironment: Focus on Liver Metastasis. Frontiers in Bioengineering and Biotechnology, 2020, 8, 1011.	2.0	8
1823	Novel Caffeic Acid Phenethyl Ester-Mortalin Antibody Nanoparticles Offer Enhanced Selective Cytotoxicity to Cancer Cells. Cancers, 2020, 12, 2370.	1.7	20
1824	Development and evaluation of polycaprolactone based docetaxel nanoparticle formulation for targeted breast cancer therapy. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	15
1825	Designing and Engineering of Nanocarriers for Bioapplication in Cancer Immunotherapy. ACS Applied Bio Materials, 2020, 3, 8321-8337.	2.3	25
1826	Magnetic thermally sensitive interpenetrating polymer network (IPN) nanogels: IPN-pNIPAm@Fe ₂ O ₃ -SiO ₂ . RSC Advances, 2020, 10, 38287-38293.	1.7	6

#	Article	IF	CITATIONS
1827	Drug Delivery Systems of Natural Products in Oncology. Molecules, 2020, 25, 4560.	1.7	48
1828	Selective trafficking of light chain-conjugated nanoparticles to the kidney and renal cell carcinoma. Nano Today, 2020, 35, 100990.	6.2	16
1829	Synthesis of combinatorial Janus nanoparticles based on EpCAMâ€PEG/PCL for targeted therapy of human colorectal adenocarcinoma. Journal of Biomedical Materials Research - Part A, 2020, 108, 2291-2304.	2.1	7
1830	Functionalization of Cellulose Nanocrystals with POEGMA Copolymers via Copper-Catalyzed Azide–Alkyne Cycloaddition for Potential Drug-Delivery Applications. Biomacromolecules, 2020, 21, 2014-2023.	2.6	14
1831	PLGA-Based Drug Delivery Systems for Remotely Triggered Cancer Therapeutic and Diagnostic Applications. Frontiers in Bioengineering and Biotechnology, 2020, 8, 381.	2.0	51
1832	Mesoporous PtPd nanoparticles for ligand-mediated and imaging-guided chemo-photothermal therapy of breast cancer. Nano Research, 2020, 13, 1739-1748.	5.8	18
1833	Piperacillin Encapsulation in Nanoliposomes Using Modified Freeze-Drying of a Monophase Solution Method: Preparation, Characterization and In Vitro Antibacterial Activity. Current Microbiology, 2020, 77, 2356-2364.	1.0	6
1834	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. ACS Nano, 2020, 14, 7398-7411.	7.3	27
1835	In Situ, Quantitative Assessment of Multifunctional Nanoscale Drug Delivery Systems in Human Serum. Analytical Chemistry, 2020, 92, 7932-7939.	3.2	15
1836	Size and surface charge characterization of nanoparticles with a salt gradient. Nature Communications, 2020, 11, 2337.	5.8	213
1837	DIBc nano metal-organic framework improves biochemical and pathological parameters of experimental chronic kidney disease. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126547.	1.5	3
1838	Nanoparticle-Based Drugs and Formulations: Current Status and Emerging Applications. ACS Applied Nano Materials, 2020, 3, 4944-4961.	2.4	60
1839	<p>Synergistic Effects of Physicochemical Parameters on Bio-Fabrication of Mint Silver Nanoparticles: Structural Evaluation and Action Against HCT116 Colon Cancer Cells</p> . International Journal of Nanomedicine, 2020, Volume 15, 3621-3637.	3.3	45
1840	Localized delivery of active targeting micelles from nanofibers patch for effective breast cancer therapy. International Journal of Pharmaceutics, 2020, 584, 119412.	2.6	43
1841	Factors Influencing the Delivery Efficiency of Cancer Nanomedicines. AAPS PharmSciTech, 2020, 21, 132.	1.5	7
1842	Graphene-based multifunctional nanosystems for simultaneous detection and treatment of breast cancer. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111104.	2.5	42
1843	Biofunctional hydrogels based on host–guest interactions. Polymer Journal, 2020, 52, 839-859.	1.3	45
1845	Hybrid cell membrane-coated nanoparticles: A multifunctional biomimetic platform for cancer diagnosis and therapy. Acta Biomaterialia, 2020, 112, 1-13.	4.1	173

	CITATION	KLFOKI	
#	Article	IF	CITATIONS
1846	Inverting structures: from micelles via emulsions to internally self-assembled waterÂand oil continuous nanocarriers. Current Opinion in Colloid and Interface Science, 2020, 49, 82-93.	3.4	35
1847	Magnetism in drug delivery: The marvels of iron oxides and substituted ferrites nanoparticles. Saudi Pharmaceutical Journal, 2020, 28, 876-887.	1.2	36
1848	Nanomaterials and nanocomposite applications in veterinary medicine. , 2020, , 583-638.		6
1849	Endosomal signaling of delta opioid receptors is an endogenous mechanism and therapeutic target for relief from inflammatory pain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15281-15292.	3.3	72
1850	Novel borospherenes as cisplatin anticancer drug delivery systems. Molecular Physics, 2020, 118, e1774088.	0.8	5
1851	Gelatin–rosin gum complex nanoparticles: preparation, characterization and colon targeted delivery of 5-fluorouracil. Chemical Papers, 2020, 74, 4241-4252.	1.0	3
1852	A review of the application of nanoparticles in the diagnosis and treatment of chronic kidney disease. Bioactive Materials, 2020, 5, 732-743.	8.6	51
1853	Poloxamer-Based In Situ Nasal Gel of Naratriptan Hydrochloride Deformable Vesicles for Brain Targeting. BioNanoScience, 2020, 10, 633-648.	1.5	13
1854	Enhanced SPR signals based on methylenediphosphonic acid functionalized Ag NPs for the detection of Hg(II) in the presence of an antioxidant glutathione. Journal of Molecular Liquids, 2020, 311, 113281.	2.3	19
1855	Targeted Heating of Mitochondria Greatly Augments Nanoparticleâ€Mediated Cancer Chemotherapy. Advanced Healthcare Materials, 2020, 9, e2000181.	3.9	19
1856	Affinity of plant viral nanoparticle potato virus X (PVX) towards malignant B cells enables cancer drug delivery. Biomaterials Science, 2020, 8, 3935-3943.	2.6	21
1857	Starch as oral colon-specific nano- and microparticulate drug carriers. , 2020, , 287-330.		5
1858	Role of pharmacokinetic consideration for the development of drug delivery systems: A historical overview. Advanced Drug Delivery Reviews, 2020, 157, 71-82.	6.6	32
1859	Multimodal Decorations of Mesoporous Silica Nanoparticles for Improved Cancer Therapy. Pharmaceutics, 2020, 12, 527.	2.0	40
1860	Nanotechnology-Based Histone Deacetylase Inhibitors for Cancer Therapy. Frontiers in Cell and Developmental Biology, 2020, 8, 400.	1.8	21
1861	Nanotechnology in Chronic Pain Relief. Frontiers in Bioengineering and Biotechnology, 2020, 8, 682.	2.0	9
1862	Preparation, Characterization, and In Vitro Sustained Release Profile of Resveratrol-Loaded Silica Aerogel. Molecules, 2020, 25, 2752.	1.7	27
1863	pH-sensitive magnetic drug delivery system via layer-by-layer self-assembly of CS/PEG and its controlled release of DOX. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1057-1070.	1.9	12

#	Article	IF	CITATIONS
1864	Nanocarriers for effective drug delivery. , 2020, , 315-341.		5
1865	Aptamer-Modified Nanoparticles in Medical Applications. Advances in Biochemical Engineering/Biotechnology, 2020, 174, 161-193.	0.6	13
1866	Development of clinically effective formulations for anticancer applications: why it is so difficult?. , 2020, , 599-723.		0
1867	Differential Cytotoxicity Induced by Transition Metal Oxide Nanoparticles is a Function of Cell Killing and Suppression of Cell Proliferation. International Journal of Molecular Sciences, 2020, 21, 1731.	1.8	14
1868	Light sources for photonanotechnology. , 2020, , 1-21.		2
1869	Photocontrolled nanosystems for antibacterial drug delivery. , 2020, , 311-344.		1
1870	Multimodal Characterization of Resin Embedded and Sliced Polymer Nanoparticles by Means of Tipâ€Enhanced Raman Spectroscopy and Force–Distance Curve Based Atomic Force Microscopy. Small, 2020, 16, 1907418.	5.2	9
1871	Non-ionic PEG-oligoglycerol dendron conjugated nano-carriers for dermal drug delivery. International Journal of Pharmaceutics, 2020, 580, 119212.	2.6	8
1872	Synthesis, Characterization and Application of Zeolitic Imidazole Framework-Mesoporous Silica Nanospheres Composite: A Hybrid Porous Composite for Drug Delivery. Journal of Physics: Conference Series, 2020, 1531, 012095.	0.3	3
1873	Nanopore and Nanoparticle Formation with Lipids Undergoing Polymorphic Phase Transitions. ACS Nano, 2020, 14, 8594-8604.	7.3	11
1874	Co-Delivery of Imiquimod and Curcumin by Nanoemugel for Improved Topical Delivery and Reduced Psoriasis-Like Skin Lesions. Biomolecules, 2020, 10, 968.	1.8	57
1875	Recent Advances and Impact of Chemotherapeutic and Antiangiogenic Nanoformulations for Combination Cancer Therapy. Pharmaceutics, 2020, 12, 592.	2.0	26
1876	Gold nanoparticles in delivery applications. , 2020, , 329-345.		2
1877	Nanoformulations for Ocular Delivery of Drugs - A Patent Perspective. Recent Patents on Drug Delivery and Formulation, 2020, 13, 255-272.	2.1	4
1878	Fluorescence resonance energy transfer-based drug delivery systems for enhanced photodynamic therapy. Journal of Materials Chemistry B, 2020, 8, 3772-3788.	2.9	41
1879	Interpenetrating Polymer Network: Biomedical Applications. , 2020, , .		5
1880	Inflammation-targeting polymeric nanoparticles deliver sparfloxacin and tacrolimus for combating acute lung sepsis. Journal of Controlled Release, 2020, 321, 463-474.	4.8	77
1881	The Chemistry of Reticular Framework Nanoparticles: MOF, ZIF, and COF Materials. Advanced Functional Materials, 2020, 30, 1909062.	7.8	174

#	Article	IF	Citations
1882	Recent advances of nanomedicines for liver cancer therapy. Journal of Materials Chemistry B, 2020, 8, 3747-3771.	2.9	37
1883	Tuning biodegradability and biocompatibility of mesoporous silica nanoparticles by doping strontium. Ceramics International, 2020, 46, 11762-11769.	2.3	26
1884	Physical characterization of liposomal drug formulations using multi-detector asymmetrical-flow field flow fractionation. Journal of Controlled Release, 2020, 320, 495-510.	4.8	43
1885	Nanocargos: A Burgeoning Quest in Cancer Management. Current Nanomedicine, 2020, 10, 149-163.	0.2	3
1886	Influence of the alanine side-chain methyl group on the peptide-gold nanoparticles interactions. Journal of Molecular Liquids, 2020, 302, 112528.	2.3	4
1887	<p>Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and Their Biomedical Applications</p> . International Journal of Nanomedicine, 2020, Volume 15, 275-300.	3.3	256
1888	Multifunctional Polymeric Nanoplatforms for Brain Diseases Diagnosis, Therapy and Theranostics. Biomedicines, 2020, 8, 13.	1.4	81
1889	<p>Subcellular Performance of Nanoparticles in Cancer Therapy</p> . International Journal of Nanomedicine, 2020, Volume 15, 675-704.	3.3	99
1890	Polymeric Nanocapsules as Nanotechnological Alternative for Drug Delivery System: Current Status, Challenges and Opportunities. Nanomaterials, 2020, 10, 847.	1.9	159
1891	Nanowire transducers for biomedical applications. , 2020, , 697-713.		1
1892	Optimization of Docetaxel Loading Conditions in Liposomes: proposing potential products for metastatic breast carcinoma chemotherapy. Scientific Reports, 2020, 10, 5569.	1.6	54
1893	Development and disassembly of single and multiple acid-cleavable block copolymer nanoassemblies for drug delivery. Polymer Chemistry, 2020, 11, 2934-2954.	1.9	39
1894	Novel Chemo-Photothermal Therapy in Breast Cancer Using Methotrexate-Loaded Folic Acid Conjugated Au@SiO2 Nanoparticles. Nanoscale Research Letters, 2020, 15, 62.	3.1	52
1895	Nanoscale Effect of Zirconia Filler Surface on Mechanical Tensile Strength of Polymer Composites. Nanoscale Research Letters, 2020, 15, 51.	3.1	9
1896	Harnessing the Formation of Natural Killer–Tumor Cell Immunological Synapses for Enhanced Therapeutic Effect in Solid Tumors. Advanced Materials, 2020, 32, e2000020.	11.1	29
1897	Standard biological assays to estimate nanoparticle toxicity and biodistribution. , 2020, , 71-104.		3
1898	Evolution from small molecule to nano-drug delivery systems: An emerging approach for cancer therapy of ursolic acid. Asian Journal of Pharmaceutical Sciences, 2020, 15, 685-700.	4.3	36
1899	A biodegradable CO ₂ -based polymeric antitumor nanodrug <i>via</i> a one-pot surfactant- and solvent-free miniemulsion preparation. Biomaterials Science, 2020, 8, 2234-2244.	2.6	7

#	Article	IF	CITATIONS
1900	Trends in nanotechnology-based delivery systems for dermal targeting of drugs: an enticing approach to offset psoriasis. Expert Opinion on Drug Delivery, 2020, 17, 817-838.	2.4	39
1901	Encapsulation for Cancer Therapy. Molecules, 2020, 25, 1605.	1.7	56
1902	Implantable fibrous â€~patch' enabling preclinical chemo-photothermal tumor therapy. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111005.	2.5	13
1903	Pegylated multifunctional pH-responsive targeted polymeric micelles for ovarian cancer therapy: synthesis, characterization and pharmacokinetic study. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 1012-1026.	1.8	10
1904	Targeting cancer cells with nanotherapeutics and nanodiagnostics: Current status and future perspectives. Seminars in Cancer Biology, 2021, 69, 52-68.	4.3	125
1905	Nanoparticles guided drug delivery and imaging in gastric cancer. Seminars in Cancer Biology, 2021, 69, 69-76.	4.3	27
1906	Insights from nanotechnology in COVID-19 treatment. Nano Today, 2021, 36, 101019.	6.2	146
1907	Advanced functionalized nanographene oxide as a biomedical agent for drug delivery and anti-cancerous therapy: A review. European Polymer Journal, 2021, 142, 110124.	2.6	26
1909	Dendron-polymer hybrid mediated anticancer drug delivery for suppression of mammary cancer. Journal of Materials Science and Technology, 2021, 63, 115-123.	5.6	7
1910	Towards analyzing the potential of exosomes to deliver microRNA therapeutics. Journal of Cellular Physiology, 2021, 236, 1529-1544.	2.0	17
1911	Smart stimuli-responsive drug delivery systems based on cyclodextrin: A review. Carbohydrate Polymers, 2021, 251, 116871.	5.1	123
1912	Dual pH-responsive-charge-reversal micelle platform for enhanced anticancer therapy. Materials Science and Engineering C, 2021, 118, 111527.	3.8	41
1913	Nanomaterials arising amid antibiotic resistance. Nature Reviews Microbiology, 2021, 19, 5-6.	13.6	102
1914	Nanoscale drug delivery systems for controllable drug behaviors by multi-stage barrier penetration. Journal of Controlled Release, 2021, 331, 282-295.	4.8	60
1915	C ₄ B ₃₂ nanocluster as a drug delivery system for nitrosourea anticancer drug: a first-principles perception. Molecular Physics, 2021, 119, e1808906.	0.8	8
1916	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatforms: An opportunity to develop new CNS drugs. European Journal of Medicinal Chemistry, 2021, 209, 112905.	2.6	35
1917	Scrutinizing the therapeutic and diagnostic potential of nanotechnology in thyroid cancer: Edifying drug targeting by nano-oncotherapeutics. Journal of Drug Delivery Science and Technology, 2021, 61, 102221.	1.4	15
1918	Synthesis of MoSe ₂ /CoSe ₂ Nanosheets for NIRâ€Enhanced Chemodynamic Therapy via Synergistic Inâ€Situ H ₂ O ₂ Production and Activation. Advanced Functional Materials, 2021, 31, 2008420.	7.8	59

# 1919	ARTICLE Accelerated Development of Colloidal Nanomaterials Enabled by Modular Microfluidic Reactors: Toward Autonomous Robotic Experimentation, Advanced Materials, 2021, 33, e2004495	IF 11.1	CITATIONS
1920	Biologically modified nanoparticles as theranostic bionanomaterials. Progress in Materials Science, 2021, 118, 100768.	16.0	108
1921	Chemoreactive Nanotherapeutics by Metal Peroxide Based Nanomedicine. Advanced Science, 2021, 8, 2000494.	5.6	64
1922	Hierarchical Assemblies of Polymer Particles through Tailored Interfaces and Controllable Interfacial Interactions. Advanced Functional Materials, 2021, 31, 2007407.	7.8	15
1923	Prospective therapeutic potential of Tanshinone IIA: An updated overview. Pharmacological Research, 2021, 164, 105364.	3.1	87
1925	Enhanced cytotoxicity of highly water-soluble gold nanoparticle-cyclopeptide conjugates in cancer cells. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111384.	2.5	4
1926	Nanoparticles and prostate cancer. , 2021, , 275-318.		4
1927	Bionanotechnology of cyanobacterial bioactive compounds. , 2021, , 115-142.		1
1928	Low-dimensional nanomaterials enabled autoimmune disease treatments: Recent advances, strategies, and future challenges. Coordination Chemistry Reviews, 2021, 432, 213697.	9.5	5
1929	Investigation of the Pristine and Functionalized Carbon Nanotubes as a Delivery System for the Anticancer Drug Dacarbazine: Drug Encapsulation. Journal of Pharmaceutical Sciences, 2021, 110, 2005-2016.	1.6	25
1931	Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. Nanoscale, 2021, 13, 280-291.	2.8	47
1932	Preparation of a Novel Ti-metal Organic Framework Porous Nanofiber Polymer as an Efficient Dental Nano-coating: Physicochemical and Mechanical Properties. Polymer-Plastics Technology and Materials, 2021, 60, 734-743.	0.6	3
1933	Self-Assembled Amphiphilic Starch Based Drug Delivery Platform: Synthesis, Preparation, and Interactions with Biological Barriers. Biomacromolecules, 2021, 22, 572-585.	2.6	11
1934	Efficient Synthesis of Folate-Conjugated Hollow Polymeric Capsules for Accurate Drug Delivery to Cancer Cells. Biomacromolecules, 2021, 22, 732-742.	2.6	46
1935	Targeted nanomedicines for the treatment of bone disease and regeneration. Medicinal Research Reviews, 2021, 41, 1221-1254.	5.0	18
1936	Nanoparticles loading porphyrin sensitizers in improvement of photodynamic therapy for ovarian cancer. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102156.	1.3	20
1937	Review of the past and recent developments in functionalization of graphene derivatives for reinforcement of polypropylene nanocomposites. Polymer Composites, 2021, 42, 1075-1108.	2.3	15
1938	Nano-sulforaphane attenuates PhIP-induced early abnormal embryonic neuro-development. Annals of Anatomy, 2021, 233, 151617.	1.0	6

#	Article	IF	CITATIONS
1939	Introduction of Enzyme-Responsivity in Biomaterials to Achieve Dynamic Reciprocity in Cell–Material Interactions. Biomacromolecules, 2021, 22, 4-23.	2.6	21
1940	Investigation of the antibacterial properties of silver nanoparticles synthesized using Abelmoschus esculentus extract and their ceramic applications. International Journal of Environmental Science and Technology, 2021, 18, 849-860.	1.8	13
1941	Advances in encapsulin nanocompartment biology and engineering. Biotechnology and Bioengineering, 2021, 118, 491-505.	1.7	53
1942	Flavonoids nanoparticles in cancer: Treatment, prevention and clinical prospects. Seminars in Cancer Biology, 2021, 69, 200-211.	4.3	129
1943	Horizons of nanotechnology applications in female specific cancers. Seminars in Cancer Biology, 2021, 69, 376-390.	4.3	24
1944	A MACEing silicon: Towards single-step etching of defined porous nanostructures for biomedicine. Progress in Materials Science, 2021, 116, 100636.	16.0	65
1945	Glyco-nanoparticles: New drug delivery systems in cancer therapy. Seminars in Cancer Biology, 2021, 69, 24-42.	4.3	48
1946	Fate and Effects of Engineered Nanomaterials in Agricultural Systems. Nanotechnology in the Life Sciences, 2021, , 269-292.	0.4	0
1947	Transfer Function Models for Cylindrical MC Channels With Diffusion and Laminar Flow. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2021, 7, 271-287.	1.4	7
1948	Cytosolic delivery of membrane-penetrating QDs into T cell lymphocytes: implications in immunotherapy and drug delivery. Nanoscale, 2021, 13, 5519-5529.	2.8	6
1949	Toxicity aspects: Crucial obstacles to clinical translation of nanomedicines. , 2021, , 485-494.		0
1951	Nanotechnology and its application: a review. , 2021, , 1-33.		21
1952	Molecular modeling investigation of adsorption of Zolinza drug on surfaces of the B12N12 and Al12N12 nanocages. Structural Chemistry, 2021, 32, 1181-1196.	1.0	19
1953	Development and Characterization of PLGAâ€Based Multistage Delivery System for Enhanced Payload Delivery to Targeted Vascular Endothelium. Macromolecular Bioscience, 2021, 21, e2000377.	2.1	5
1954	Superior <i>in vitro</i> anticancer effect of biomimetic paclitaxel and triptolide co-delivery system in gastric cancer. Journal of Biomedical Research, 2021, 35, 327.	0.7	9
1955	Introduction to nanoparticles and analytical devices. , 2021, , 1-29.		10
1956	Polymer-Based Protein Delivery Systems for Loco-Regional Administration. , 2021, , 249-270.		0
1957	Nanotechnology in Ocular Drug Delivery. , 2021, , 457-483.		278

		CITATION RE	PORT	
#	Article		IF	CITATIONS
1958	Nanomaterials and pharmacokinetics. , 2021, , 1-14.			0
1959	Heterofullerene MC59 (M = B, Si, Al) as Potential Carriers for Hydroxyurea Drug Delivery. Nanomaterials, 2021, 11, 115.		1.9	21
1960	Chitosan/tripolyphosphate nanoparticles in active and passive microchannels. Research in Pharmaceutical Sciences, 2021, 16, 79.	1	0.6	4
1961	Microorganism-mediated drug delivery. , 2021, , 15-38.			0
1962	Synthesis of biopolymer-based metal nanoparticles. , 2021, , 255-316.			11
1963	Neuro-AIDS: Current Status and Challenges to Antiretroviral Drug Therapy (ART) for Its Tr Current Drug Therapy, 2020, 15, 469-481.	eatment.	0.2	7
1964	NANOTHERANOSTICS. Ankara Universitesi Eczacilik Fakultesi Dergisi, 0, , 131-155.		0.2	2
1965	Biomedical Potential of Plant-Based Selenium Nanoparticles: A Comprehensive Review or and Mechanistic Aspects. International Journal of Nanomedicine, 2021, Volume 16, 249-2	Therapeutic 268.	3.3	127
1966	<i>In silico</i> and <i>in vitro</i> design of cordycepin encapsulation in liposomes for co treatment. RSC Advances, 2021, 11, 8475-8484.	lon cancer	1.7	7
1967	Conclusion and future considerations of dendrimers. , 2021, , 449-458.			7
1968	Biology-inspired photocatalysis: Recent advances in biomimetic photocatalytic nanosyste and applications. , 2021, , 603-648.	ms synthesis		1
1969	Recent applications and strategies in nanotechnology for lung diseases. Nano Research, 2 2067-2089.	2021, 14,	5.8	49
1970	Multifunctional nanoparticles—cost versus benefit of adding targeting and imaging cap 2021, , 367-387.	abilities. ,		0
1971	Current Perspectives on Mycosynthesis of Nanoparticles and Their Biomedical application 301-311.	ı.,2021,,		8
1973	Exploring the drug loading mechanism of photoactive inorganic nanocarriers through me dynamics simulations. Nanoscale, 2021, 13, 13000-13013.	lecular	2.8	4
1974	Star-Shaped Polylactide Dipyridamole Conjugated to 5-Fluorouracil and 4-Piperidinopiper Nanocarriers for Bioimaging and Dual Drug Delivery in Cancer Cells. ACS Applied Polymer 2021, 3, 737-756.	idine Materials,	2.0	10
1975	Nanoparticle-based drug delivery systems with platinum drugs for overcoming cancer dru resistance. Journal of Materials Chemistry B, 2021, 9, 5173-5194.	Ig	2.9	42
1976	Second near-infrared photoactivatable biocompatible polymer nanoparticles for effective vitro and <i>in vivo</i> cancer theranostics. Nanoscale, 2021, 13, 13410-13420.	<i>iin</i>	2.8	11

#	Article	IF	CITATIONS
1977	Targeted Drug Delivery in Cancer Treatment. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 356-381.	0.1	0
1978	Surface-engineered smart nanocarrier-based inhalation formulations for targeted lung cancer chemotherapy: a review of current practices. Drug Delivery, 2021, 28, 1995-2010.	2.5	7
1979	Targeted liposomal drug delivery: a nanoscience and biophysical perspective. Nanoscale Horizons, 2021, 6, 78-94.	4.1	124
1980	SWATH-MS Protocols in Human Diseases. Methods in Molecular Biology, 2021, 2259, 105-141.	0.4	8
1981	Zinc nanomaterials: Toxicological effects and veterinary applications. , 2021, , 509-541.		2
1982	Conjugation of a smart polymer to doxorubicin through a pH-responsive bond for targeted drug delivery and improving drug loading on graphene oxide. RSC Advances, 2021, 11, 18809-18817.	1.7	10
1983	Applications of alginate-based bionanocomposites in drug delivery. , 2021, , 399-416.		3
1984	Immobilized nanoneedle-like structures for intracellular delivery, biosensing and cellular surgery. Nanomedicine, 2021, 16, 335-349.	1.7	7
1985	Fabrication and characterization of core–shell TiO2-containing nanofibers of PCL-zein by coaxial electrospinning method as an erythromycin drug carrier. Polymer Bulletin, 2022, 79, 1729-1749.	1.7	15
1986	Medical and pharmacokinetic effects of nanopolyphenols: A systematic review of clinical trials. Food Frontiers, 2021, 2, 140-152.	3.7	11
1987	Efficiency of GnRH–Loaded Chitosan Nanoparticles for Inducing LH Secretion and Fertile Ovulations in Protocols for Artificial Insemination in Rabbit Does. Animals, 2021, 11, 440.	1.0	23
1988	Altering the characterization of nanofibers by changing the electrospinning parameters and their application in tissue engineering, drug delivery, and gene delivery systems. Polymers for Advanced Technologies, 2021, 32, 1924-1950.	1.6	19
1989	An effective strategy for development of docetaxel encapsulated gold nanoformulations for treatment of prostate cancer. Scientific Reports, 2021, 11, 2808.	1.6	39
1990	Physicochemical and biochemical properties of the Keplerate-type nanocluster polyoxomolybdates as promising components for biomedical use. Nanosystems: Physics, Chemistry, Mathematics, 2021, 12, 81-112.	0.2	8
1991	Review of the Mechanism of Nanocarriers and Technological Developments in the Field of Nanoparticles for Applications in Cancer Theragnostics. ACS Applied Bio Materials, 2021, 4, 2307-2334.	2.3	32
1992	HCPT-peptide prodrug with tumor microenvironment -responsive morphology transformable characteristic for boosted bladder tumor chemotherapy. Journal of Controlled Release, 2021, 330, 715-725.	4.8	21
1993	Multifunctional modification of Fe3O4 nanoparticles for diagnosis and treatment of diseases: A review. Frontiers of Materials Science, 2021, 15, 36-53.	1.1	8
1994	Bortezomib-loaded lipidic-nano drug delivery systems; formulation, therapeutic efficacy, and pharmacokinetics. Journal of Microencapsulation, 2021, 38, 192-202.	1.2	7
#	Article	IF	CITATIONS
------	---	-----	-----------
1995	Self-assembled 5-fluorouracil-cinnamaldehyde nanodrugs for greatly improved chemotherapy in vivo. Journal of Biomaterials Applications, 2021, 36, 088532822198953.	1.2	2
1996	HPMA Copolymer-Based Nanomedicines in Controlled Drug Delivery. Journal of Personalized Medicine, 2021, 11, 115.	1.1	40
1997	Nano–bio surface interactions, cellular internalisation in cancer cells and eâ€data portals of nanomaterials: A review. IET Nanobiotechnology, 2021, 15, 519-531.	1.9	2
1998	Erythrocytes and Nanoparticles: New Therapeutic Systems. Applied Sciences (Switzerland), 2021, 11, 2173.	1.3	16
1999	Evaluation of TFR-1 Expression in Feline Mammary Cancer and In Vitro Antitumor Efficacy Study of Doxorubicin-Loaded H-Ferritin Nanocages. Cancers, 2021, 13, 1248.	1.7	0
2000	The Role of Nanomaterials in Stroke Treatment: Targeting Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	22
2001	Nanonutraceuticals: The New Frontier of Supplementary Food. Nanomaterials, 2021, 11, 792.	1.9	34
2002	Cyclopentadienylâ€Based Anticancer Drugs: Improvement of Cytotoxic Activity through Functionalisation of the π Ligand. ChemMedChem, 2021, 16, 1805-1813.	1.6	2
2003	Blood Flow Mediated Hybrid Nanoparticles in Human Arterial System: Recent Research, Development and Applications. Journal of Nanofluids, 2021, 10, 1-30.	1.4	13
2004	Leflunomide Sustained Skin Delivery Based on Sulfobetaine-Modified Chitosan Nanoparticles Embedded in Biodegradable Polyesters Films. Polymers, 2021, 13, 960.	2.0	3
2005	Application of Fundamental Techniques for Physicochemical Characterizations to Understand Post-Formulation Performance of Pharmaceutical Nanocrystalline Materials. Crystals, 2021, 11, 310.	1.0	4
2006	Exploring the therapeutic potential of the bioinspired reconstituted high density lipoprotein nanostructures. International Journal of Pharmaceutics, 2021, 596, 120272.	2.6	9
2007	Nanotechnological Improvement of Veterinary Anthelmintics. Pharmaceutical Nanotechnology, 2021, 9, 5-14.	0.6	8
2008	Polymer Coated Iron Nanoparticles: Radiolabeling & In vitro Studies. Current Radiopharmaceuticals, 2021, 14, 37-45.	0.3	2
2009	Rational nanocarrier design towards clinical translation of cancer nanotherapy. Biomedical Materials (Bristol), 2021, 16, 032005.	1.7	14
2010	Photo-triggered Theranostic Nanoparticles in Cancer Therapy. Medical Lasers, 2021, 10, 7-14.	0.2	7
2011	Electrokinetic oscillation, railing, and enrichment of submicron particles along 3D microelectrode tracks. Microfluidics and Nanofluidics, 2021, 25, 1.	1.0	2
2012	Nanoplatforms for Targeted Stimuli-Responsive Drug Delivery: A Review of Platform Materials and Stimuli-Responsive Release and Targeting Mechanisms. Nanomaterials, 2021, 11, 746.	1.9	30

#	Article	IF	CITATIONS
2013	Investigating the Feasibility of Mefenamic Acid Nanosuspension for Pediatric Delivery: Preparation, Characterization, and Role of Excipients. Processes, 2021, 9, 574.	1.3	9
2014	Magnetic Nanowire Biolabels Using Ferromagnetic Resonance Identification. ACS Applied Nano Materials, 2021, 4, 3557-3564.	2.4	16
2015	Theoretical Study of Adsorption of Solriamfetol Drug on Surface of the B12N12 Fullerene: A DFT/TD-DFT Approach. Letters in Organic Chemistry, 2021, 18, 115-127.	0.2	8
2016	A new type of glutathione-responsive anti-osteosarcoma prodrug nanoparticles. Materials Technology, 2022, 37, 953-961.	1.5	3
2017	Milk protein-based nanodelivery systems for the cancer treatment. Journal of Nanostructure in Chemistry, 2021, 11, 483-500.	5.3	18
2018	Bacteriocins: An Overview of Antimicrobial, Toxicity, and Biosafety Assessment by in vivo Models. Frontiers in Microbiology, 2021, 12, 630695.	1.5	71
2019	Synthesis and characterization of a novel drug conjugated copper-silver- titanium oxide nanocomposite with enhanced antibacterial activity. Journal of Drug Delivery Science and Technology, 2021, 62, 102384.	1.4	11
2020	Graphene Wrapping of Electrospun Nanofibers for Enhanced Electrochemical Sensing. ACS Omega, 2021, 6, 10568-10577.	1.6	9
2021	Targeting PD-1 in CD8 ⁺ T Cells with a Biomimetic Bilirubin-5-fluoro-2-deoxyuridine–Bovine Serum Albumin Nanoconstruct for Effective Chemotherapy against Experimental Lymphoma. Molecular Pharmaceutics, 2021, 18, 2053-2065.	2.3	3
2022	Liposomal Encapsulated FSC231, a PICK1 Inhibitor, Prevents the Ischemia/Reperfusion-Induced Degradation of GluA2-Containing AMPA Receptors. Pharmaceutics, 2021, 13, 636.	2.0	4
2023	Electrospraying as a novel process for the synthesis of particles/nanoparticles loaded with poorly water-soluble bioactive molecules. Advances in Colloid and Interface Science, 2021, 290, 102384.	7.0	36
2024	Drug Resistance in Metastatic Breast Cancer: Tumor Targeted Nanomedicine to the Rescue. International Journal of Molecular Sciences, 2021, 22, 4673.	1.8	69
2025	Glycomacromolecules: Addressing challenges in drug delivery and therapeutic development. Advanced Drug Delivery Reviews, 2021, 171, 77-93.	6.6	6
2026	Theoretical Study of the Resveratrol Adsorption on <scp>B₁₂N₁₂</scp> and Mgâ€Decoration <scp>B₁₂N₁₂</scp> Fullerenes. Bulletin of the Korean Chemical Society, 2021, 42, 878-888.	1.0	11
2027	Recent advances in iron oxide nanoparticles for brain cancer theranostics: from <i>in vitro</i> to clinical applications. Expert Opinion on Drug Delivery, 2021, 18, 1-29.	2.4	17
2028	Applications of Macrocyclic Host Molecules in Immune Modulation and Therapeutic Delivery. Frontiers in Chemistry, 2021, 9, 658548.	1.8	12
2029	Targeting drug delivery with light: A highly focused approach. Advanced Drug Delivery Reviews, 2021, 171, 94-107.	6.6	90
2030	Chitosan coated solid lipid nanoparticles as promising carriers for docetaxel. Journal of Drug Delivery Science and Technology, 2021, 62, 102409.	1.4	24

#	Article	IF	CITATIONS
2031	Papain decorated multiâ€functional polymeric micelles for the targeted intracellular delivery of paclitaxel. Polymers for Advanced Technologies, 2021, 32, 3180-3193.	1.6	5
2032	Bovine serum albumin/chitosan-nanoparticle bio-complex; spectroscopic study and in vivo toxicological – Hypersensitivity evaluation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 253, 119582.	2.0	11
2033	Nanoparticles: A New Approach to Upgrade Cancer Diagnosis and Treatment. Nanoscale Research Letters, 2021, 16, 88.	3.1	76
2034	Nanoparticle delivery system, highly active antiretroviral therapy, and testicular morphology: The role of stereology. Pharmacology Research and Perspectives, 2021, 9, e00776.	1.1	12
2035	Imidazoleâ€Mediated Dual Location Disassembly of Acidâ€Degradable Intracellular Drug Delivery Block Copolymer Nanoassemblies. Macromolecular Rapid Communications, 2021, 42, e2100262.	2.0	10
2036	Improving Reliability Performance of Molecular Communication Based on Drift Diffusion with Ratio Detection Algorithm. International Journal of Nanoscience, 2021, 20, 2150026.	0.4	0
2037	Nanocarrier-based drug delivery systems for bone cancer therapy: a review. Biomedical Materials (Bristol), 2021, 16, 044107.	1.7	15
2038	Application of Advanced Nanomaterials for Kidney Failure Treatment and Regeneration. Materials, 2021, 14, 2939.	1.3	28
2039	Nanocapsules Produced by Nanoprecipitation of Designed Suckerin-Silk Fusion Proteins. ACS Macro Letters, 2021, 10, 628-634.	2.3	10
2040	An Overview on Niosomes: As an Auspesious Drug Delivery System on the Bases of Application. Research Journal of Pharmacy and Technology, 2021, , 2896-2902.	0.2	1
2041	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. Journal of Controlled Release, 2021, 334, 64-95.	4.8	57
2042	Antimicrobial/anticancer peptides: bioactive molecules and therapeutic agents. Immunotherapy, 2021, 13, 669-684.	1.0	22
2043	Multistage Adaptive Nanoparticle Overcomes Biological Barriers for Effective Chemotherapy. Small, 2021, 17, e2100578.	5.2	22
2044	Facile fabrication of nanocarriers with yolk-shell mesoporous silica nanoparticles for effective drug delivery. Journal of Drug Delivery Science and Technology, 2021, 63, 102531.	1.4	4
2045	Nanomaterials in Skin Regeneration and Rejuvenation. International Journal of Molecular Sciences, 2021, 22, 7095.	1.8	35
2046	The usage of composite nanomaterials in biomedical engineering applications. Biotechnology and Bioengineering, 2021, 118, 2906-2922.	1.7	28
2047	Targeted nanoformulation of C1 inhibits the growth of KB spheroids and cancer stem cell-enriched MCF-7 mammospheres. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111702.	2.5	2
2048	Intratumoral Administration of Thermosensitive Hydrogel Co-Loaded with Norcantharidin Nanoparticles and Doxorubicin for the Treatment of Hepatocellular Carcinoma. International Journal of Nanomedicine, 2021, Volume 16, 4073-4085.	3.3	39

#	Article	IF	CITATIONS
2049	Reprint of: A MACEing silicon: Towards single-step etching of defined porous nanostructures for biomedicine. Progress in Materials Science, 2021, 120, 100817.	16.0	5
2050	Lipid-Based Nanoparticles for Delivery of Vaccine Adjuvants and Antigens: Toward Multicomponent Vaccines. Molecular Pharmaceutics, 2021, 18, 2867-2888.	2.3	65
2051	Nanoparticles Enable Efficient Delivery of Antimicrobial Peptides for the Treatment of Deep Infections. BIO Integration, 2021, 2, .	0.9	3
2052	Engineering Micro–Nanomaterials for Biomedical Translation. Advanced NanoBiomed Research, 2021, 1, 2100002.	1.7	20
2053	An experimental and computational study to evaluation of chitosan/gum tragacanth coated-natural lipid-based nanocarriers for sunitinib delivery. Journal of Molecular Liquids, 2021, 334, 116075.	2.3	14
2054	Immobilized L-ribose isomerase for the sustained synthesis of a rare sugar D-talose. Molecular Catalysis, 2021, 511, 111723.	1.0	3
2055	Decorin as a possible strategy for the amelioration of COVID-19. Medical Hypotheses, 2021, 152, 110612.	0.8	21
2056	Nanostructural Materials with Rare Earth Ions: Synthesis, Physicochemical Characterization, Modification and Applications. Nanomaterials, 2021, 11, 1848.	1.9	3
2057	Recent updates in the polysaccharides-based Nano-biocarriers for drugs delivery and its application in diseases treatment: A review. International Journal of Biological Macromolecules, 2021, 182, 115-128.	3.6	31
2058	Dopamine-loaded nanoparticle systems circumvent the blood–brain barrier restoring motor function in mouse model for Parkinson's Disease. Scientific Reports, 2021, 11, 15185.	1.6	43
2059	Cell membrane cloaked nanomedicines for bio-imaging and immunotherapy of cancer: Improved pharmacokinetics, cell internalization and anticancer efficacy. Journal of Controlled Release, 2021, 335, 130-157.	4.8	69
2060	A DFT study of Se-decorated B12N12 nanocluster as a possible drug delivery system for ciclopirox. Computational and Theoretical Chemistry, 2021, 1201, 113246.	1.1	28
2061	Bioscaffold-based study of glioblastoma cell behavior and drug delivery for tumor therapy. Neurochemistry International, 2021, 147, 105049.	1.9	3
2062	Microfluidic synthesis of curcumin loaded polymer nanoparticles with tunable drug loading and pH-triggered release. Journal of Colloid and Interface Science, 2021, 594, 474-484.	5.0	45
2063	Bioengineered Nanoparticles Loaded-Hydrogels to Target TNF Alpha in Inflammatory Diseases. Pharmaceutics, 2021, 13, 1111.	2.0	13
2065	Methodology for characterization of platinum-based drug's targeted delivery nanosystems. Journal of Controlled Release, 2021, 335, 178-190.	4.8	19
2066	Lutein transport systems loaded with rice protein-based self-assembled nanoparticles. Food Bioscience, 2021, 42, 101061.	2.0	19
2067	Radiosensitization effects by bismuth oxide nanorods of different sizes in megavoltage external beam radiotherapy. Reports of Practical Oncology and Radiotherapy, 2021, 26, 773-784.	0.3	4

#	Article	IF	Citations
2068	Cellular Uptake of Three Different Nanoparticles in an Inflammatory Arthritis Scenario versus Normal Conditions. Molecular Pharmaceutics, 2021, 18, 3235-3246.	2.3	9
2069	Nano-CuO causes cell damage through activation of dose-dependent autophagy and mitochondrial IncCyt b-AS/ND5-AS/ND6-AS in SH-SY5Y cells. Toxicology Mechanisms and Methods, 2022, 32, 37-48.	1.3	7
2070	Nanoparticulate Carriers for the treatment of Infectious Diseases and Cancer. Current Molecular Pharmacology, 2021, 14, 261-262.	0.7	0
2071	Recent advances in herbal combination nanomedicine for cancer: delivery technology and therapeutic outcomes. Expert Opinion on Drug Delivery, 2021, 18, 1609-1625.	2.4	23
2072	On the Development of a Cutaneous Flavonoid Delivery System: Advances and Limitations. Antioxidants, 2021, 10, 1376.	2.2	11
2074	Polymeric Lipid Hybrid Nanoparticles (PLNs) as Emerging Drug Delivery Platform—A Comprehensive Review of Their Properties, Preparation Methods, and Therapeutic Applications. Pharmaceutics, 2021, 13, 1291.	2.0	46
2075	Responsive Dual-Targeting Exosome as a Drug Carrier for Combination Cancer Immunotherapy. Research, 2021, 2021, 9862876.	2.8	17
2076	Application of green synthesized silver nanoparticles in cancer treatment—a critical review. Materials Research Express, 2021, 8, 092001.	0.8	42
2077	Recent Advances of Microfluidic Platforms for Controlled Drug Delivery in Nanomedicine. Drug Design, Development and Therapy, 2021, Volume 15, 3881-3891.	2.0	13
2078	Polymers for Biomedical Applications: The Importance of Hydrophobicity in Directing Biological Interactions and Application Efficacy. Biomacromolecules, 2021, 22, 4459-4469.	2.6	45
2079	Nanotherapeutic approaches to target mitochondria in cancer. Life Sciences, 2021, 281, 119773.	2.0	19
2080	Carbon nanomaterials with chitosan: A winning combination for drug delivery systems. Journal of Drug Delivery Science and Technology, 2021, 66, 102847.	1.4	15
2081	Recent Progress in Phthalocyanine-Polymeric Nanoparticle Delivery Systems for Cancer Photodynamic Therapy. Nanomaterials, 2021, 11, 2426.	1.9	11
2082	Recent advances in development of imine-based acid-degradable polymeric nanoassemblies for intracellular drug delivery. Polymer, 2021, 230, 124024.	1.8	21
2083	Silver nanoparticles formulations for healing traumatic injuries in oral mucosa of rats. Archives of Oral Biology, 2021, 129, 105202.	0.8	6
2084	Magnetic hyperthermia mediated by Escherichia coli for targeted cancer therapy. Journal of the Taiwan Institute of Chemical Engineers, 2021, 126, 29-35.	2.7	4
2085	Studies on cancer cell death through delivery of dopamine as anti-cancer drug by a newly functionalized cobalt ferrite nano-carrier. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127202.	2.3	18
2086	Mesoporous silica nanoparticles with fluorescent and magnetic dual-imaging properties to deliver fucoidan. International Journal of Biological Macromolecules, 2021, 188, 870-878.	3.6	10

#	Article	IF	CITATIONS
2087	Nanofabrication Techniques: Challenges and Future Prospects. Journal of Nanoscience and Nanotechnology, 2021, 21, 4981-5013.	0.9	8
2088	Current trends and future perspectives of nanomedicine for the management of colon cancer. European Journal of Pharmacology, 2021, 910, 174464.	1.7	32
2089	Biocompatible Eu doped mesoporous calcium silicate nanospheres for pH-responsive drug release. Inorganic Chemistry Communication, 2021, 133, 108872.	1.8	3
2090	A comprehensive review of template-synthesized multi-component nanowires: From interfacial design to sensing and actuation applications. Sensors and Actuators Reports, 2021, 3, 100029.	2.3	15
2091	A DFT and molecular dynamics simulation study of single-walled carbon nanotube as a drug delivery system for few model nitrogen mustard drugs. Journal of Molecular Structure, 2021, 1243, 130877.	1.8	3
2092	Enhanced topical corticosteroids delivery to the eye: A trade-off in strategy choice. Journal of Controlled Release, 2021, 339, 91-113.	4.8	3
2093	Biodegradable nano-porous Mn3O4 with sustainable release for improving the stability and bioactivity of peptide RVPSL. LWT - Food Science and Technology, 2021, 152, 112384.	2.5	1
2094	Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. Bioactive Materials, 2022, 7, 47-72.	8.6	136
2095	Synthesis of titanium dioxide nanotubes (TNT) conjugated with quercetin and its in vivo antitumor activity against skin cancer. Journal of Molecular Structure, 2022, 1249, 131556.	1.8	13
2096	En route towards a comprehensive dimensionless representation of precipitation processes. Chemical Engineering Journal, 2022, 428, 131984.	6.6	6
2097	Cytotoxicity against human breast carcinoma cells of silver nanoparticles biosynthesized using Capsosiphon fulvescens extract. Bioprocess and Biosystems Engineering, 2021, 44, 901-911.	1.7	5
2098	Nanomaterials: Applications in Biomedicine and Biotechnology. , 2021, , 117-134.		1
2099	Receptor-Based Combinatorial Nanomedicines. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 339-355.	0.1	6
2100	Nanomaterial-Enabled Sensors and Therapeutic Platforms for Reactive Organophosphates. Nanomaterials, 2021, 11, 224.	1.9	7
2101	Stimuli-responsive nanofibrous materials in drug delivery systems. , 2021, , 171-189.		1
2102	Cyanobacteria as Natural Therapeutics and Pharmaceutical Potential: Role in Antitumor Activity and as Nanovectors. Molecules, 2021, 26, 247.	1.7	31
2103	Synthesis, characterisation and functionalisation of BAB-type dual-responsive nanocarriers for targeted drug delivery: evolution of nanoparticles based on 2-vinylpyridine and diethyl vinylphosphonate. RSC Advances, 2021, 11, 1586-1594.	1.7	3
2104	Advanced drug delivery systems in prostate cancer. , 2021, , 197-206.		0

#	Article	IF	CITATIONS
2105	Innovative nanotools for vascular drug delivery: the atherosclerosis case study. Journal of Materials Chemistry B, 2021, 9, 8558-8568.	2.9	5
2106	Two-dimensional materials in biomedical, biosensing and sensing applications. Chemical Society Reviews, 2021, 50, 619-657.	18.7	265
2107	High Performance Aggregation-Induced Emission Nanoprobes for Image-Guided Cancer Surgery. Acta Chimica Sinica, 2021, 79, 319.	0.5	9
2108	Biological Evaluation of Oil-in-Water Microemulsions as Carriers of Benzothiophene Analogues for Dermal Applications. Biomimetics, 2021, 6, 10.	1.5	3
2110	Dimeric Drug Polymeric Micelles with Acidâ€Active Tumor Targeting and FRETâ€Traceable Drug Release. Advanced Materials, 2018, 30, 1705436.	11.1	119
2111	Organic supramolecular aggregates based on waterâ€soluble cyclodextrins and calixarenes. Aggregate, 2020, 1, 31-44.	5.2	97
2112	DNA Trojan Horses: Selfâ€Assembled Floxuridineâ€Containing DNA Polyhedra for Cancer Therapy. Angewandte Chemie, 2017, 129, 12702-12706.	1.6	34
2113	Development of poly(lactide oâ€glycolide) nanoparticles functionalized with a mitochondria penetrating peptide. Journal of Peptide Science, 2017, 23, 182-188.	0.8	9
2114	Nanomedicine in Cancer Diagnosis and Therapy: Converging Medical Technologies Impacting Healthcare. Nanostructure Science and Technology, 2014, , 365-384.	0.1	1
2115	Porous Silicon Nanoparticles. , 2013, , 235-275.		1
2116	Molecular Targeted Viral Nanoparticles as Tools for Imaging Cancer. Methods in Molecular Biology, 2014, 1108, 211-230.	0.4	33
2117	Engineering Multifunctional Nanomedicine Platforms for Drug Delivery and Imaging. Bioanalysis, 2019, , 319-344.	0.1	2
2118	Antimicrobial Activity of Nanomaterials. Environmental Chemistry for A Sustainable World, 2020, , 147-185.	0.3	3
2119	Nanotechnology: A Potential Tool in Exploring Herbal Benefits. Nanotechnology in the Life Sciences, 2020, , 27-46.	0.4	7
2120	Synthetic High-Density Lipoprotein-Like Nanoparticles as Cancer Therapy. Cancer Treatment and Research, 2015, 166, 129-150.	0.2	53
2121	The Future of Glass-ionomers. , 2016, , 125-148.		1
2122	Encapsulation of Hydrophilic and Lipophilic Compounds in Nanosomes Produced with a Supercritical Based Process. Lecture Notes in Bioengineering, 2018, , 23-35.	0.3	6
2123	Nanomedicine and Brain Tumors Treatment. , 2012, , 167-203.		3

#	Article	IF	CITATIONS
2124	Extracellular and intracellular synthesis of gold and silver nanoparticles by living plants: a review. Nanotechnology for Environmental Engineering, 2021, 6, 1.	2.0	27
2125	Nanotechnology Therapeutics in Oncology—Recent Developments and Future Outlook. Annual Reports in Medicinal Chemistry, 2012, 47, 239-252.	0.5	3
2126	Amino acid-functionalized borospherenes as drug delivery systems. Biophysical Chemistry, 2020, 263, 106407.	1.5	7
2127	Carbon nanotubes affect early growth, flowering time and phytohormones in tomato. Chemosphere, 2020, 256, 127042.	4.2	41
2128	RBC membrane camouflaged boron nitride nanospheres for enhanced biocompatible performance. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110964.	2.5	17
2129	Construction of arsenic-metal complexes loaded nanodrugs for solid tumor therapy: A mini review. International Journal of Pharmaceutics, 2020, 583, 119385.	2.6	15
2131	Polyphenol Nanoparticles from Commonly Consumed Tea for Scavenging Free Radicals, Stabilizing Pickering Emulsions, and Inhibiting Cancer Cells. ACS Applied Nano Materials, 2021, 4, 652-665.	2.4	26
2132	Fundamentals of Stimuli-responsive Drug and Gene Delivery Systems. Biomaterials Science Series, 2018, , 1-32.	0.1	11
2133	Magnetic-responsive Nanoparticles for Drug Delivery. RSC Smart Materials, 2013, , 32-62.	0.1	8
2134	Smart Drug Delivery from Silica Nanoparticles. RSC Smart Materials, 2013, , 63-89.	0.1	7
2135	Chapter 1. Historical View of the Design and Development of Nanocarriers for Overcoming Biological Barriers. RSC Drug Discovery Series, 2012, , 3-36.	0.2	6
2136	Chapter 2.1. Nanostructures Overcoming the Intestinal Barrier: Physiological Considerations and Mechanistic Issues. RSC Drug Discovery Series, 2012, , 39-62.	0.2	4
2137	Smart Polymers: Drug Delivery. , 0, , 7381-7395.		1
2138	Rational engineering of physicochemical properties of nanomaterials for biomedical applications with nanotoxicological perspectives. Nano Convergence, 2015, 2, .	6.3	2
2139	Pulmonary Drug Delivery with Nanoparticles. , 2011, , .		1
2140	Nanotheragnostic Colloids in Disease. , 2011, , .		1
2142	Drug Delivery Systems Based on Tyrosine-Derived Nanospheres (TyroSpheresâ"¢): Drug Delivery Systems Based on Tyrosine-Derived Nanospheres (TyroSpheresâ"¢). , 2014, , 210-232.		2
2143	Brownian Movement of Inorganic Nanoparticles in Sediments. Acta Physica Polonica A, 2011, 119, 12-14.	0.2	2

		CITATION REPORT		
#	Article		IF	CITATIONS
2144	Activation of Latent HIV Using Drug-Loaded Nanoparticles. PLoS ONE, 2011, 6, e18270).	1.1	80
2145	Effects of Transport Inhibitors on the Cellular Uptake of Carboxylated Polystyrene Nand Different Cell Lines. PLoS ONE, 2011, 6, e24438.	pparticles in	1.1	345
2146	Targeted Drug Delivery Systems Mediated by a Novel Peptide in Breast Cancer Therapy ONE, 2013, 8, e66128.	and Imaging. PLoS	1.1	57
2147	Delivery of the autofluorescent protein R-phycoerythrin by calcium phosphate nanopar four different eukaryotic cell lines (HeLa, HEK293T, MG-63, MC3T3): Highly efficient, bu endolysosomal proteolysis in HeLa and MC3T3 cells. PLoS ONE, 2017, 12, e0178260.	ticles into ut leading to	1.1	22
2148	Asymmetry of nanoparticle inheritance upon cell division: Effect on the coefficient of va ONE, 2020, 15, e0242547.	ariation. PLoS	1.1	11
2149	Use of Nanomaterials in Cryobiology and Cryomedicine. Problems of Cryobiology and C 2020, 30, 313-330.	Cryomedicine,	0.3	3
2150	Synthesis and drug delivery of mesoporous silica nanoparticles for cancer therapy. Euro of BioMedical Research, 2015, 1, 30.	opean Journal	0.2	8
2151	Nanosized Camptothecin Conjugates for Single and Combined Drug Delivery. European BioMedical Research, 2016, 2, 8.	n Journal of	0.2	16
2152	Circulating nano-particulate TLR9 agonist scouts out tumor microenvironment to relea immunogenic dead tumor cells. Oncotarget, 2016, 7, 48860-48869.	se	0.8	18
2153	Thioaptamer Conjugated Liposomes for Tumor Vasculature Targeting. Oncotarget, 201	.1, 2, 298-304.	0.8	82
2154	Targeted therapy using nanotechnology: focus on cancer. International Journal of Nano 2014, 9, 467.	omedicine,	3.3	299
2155	Characterization of spirugenic iron oxide nanoparticles and their antibacterial activity a multidrug-resistant Helicobacter pylori. Egyptian Journal of Phycology, 2019, 20, 1-28.	gainst	0.3	8
2156	Nanocarriers for Tracking and Treating Diseases. Current Medicinal Chemistry, 2013, 2	0, 3500-3514.	1.2	33
2157	Use of Anticancer Platinum Compounds in Combination Therapies and Challenges in D Current Medicinal Chemistry, 2020, 27, 3055-3078.	rug Delivery.	1.2	7
2158	Formulating SLN and NLC as Innovative Drug Delivery Systems for Non-Invasive Routes Administration. Current Medicinal Chemistry, 2020, 27, 3623-3656.	of Drug	1.2	12
2159	Recent Developments of New DNA Origami Nanostructures for Drug Delivery. Current Design, 2015, 21, 3181-3190.	Pharmaceutical	0.9	12
2160	Perspective on Nanoparticle Technology for Biomedical Use. Current Pharmaceutical D 2481-2490.	esign, 2016, 22,	0.9	69
2161	Innovative Solutions for the Control of Leishmaniases: Nanoscale Drug Delivery System Pharmaceutical Design, 2019, 25, 1582-1592.	s. Current	0.9	11

#	Article	IF	CITATIONS
2162	Emerging Strategies in Stimuli-Responsive Nanocarriers as the Drug Delivery System for Enhanced Cancer Therapy. Current Pharmaceutical Design, 2019, 25, 2609-2625.	0.9	32
2163	Engineered Inorganic Nanoparticles for Drug Delivery Applications. Current Drug Metabolism, 2013, 14, 518-530.	0.7	58
2164	Drug Conjugates Using Different Dynamic Covalent Bonds and their Application in Cancer Therapy. Current Drug Delivery, 2020, 17, 542-557.	0.8	12
2165	Increased Toxicity of Doxorubicin Encapsulated into pH-Responsive Poly(β-Amino Ester)-Functionalized MCM-41 Silica Nanoparticles. Current Drug Delivery, 2020, 17, 799-805.	0.8	4
2166	Mesoporous Silica Nanoparticles as a Prospective and Promising Approach for Drug Delivery and Biomedical Applications. Current Cancer Drug Targets, 2019, 19, 285-295.	0.8	26
2167	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
2168	Recent Advances in Nanoparticle Carriers for Coordination Complexes. Current Topics in Medicinal Chemistry, 2015, 15, 287-297.	1.0	20
2169	Smart Synthetic Polymer Nanocarriers for Controlled and Site-Specific Drug Delivery. Current Topics in Medicinal Chemistry, 2015, 15, 1424-1490.	1.0	22
2170	Functional Nanomaterials for the Detection and Control of Bacterial Infections. Current Topics in Medicinal Chemistry, 2019, 19, 2449-2475.	1.0	9
2171	Revolutionary Impact of Nanodrug Delivery on Neuroscience. Current Neuropharmacology, 2012, 10, 370-392.	1.4	21
2172	Preparation and Biochemical Evaluation of Functionalized Multi-Walled Carbon Nanotubes with Punica granatum Extract. Current Bioactive Compounds, 2019, 15, 138-144.	0.2	4
2173	Nanoparticle-assisted Therapeutic Strategies for Effective Cancer Management. Current Nanoscience, 2020, 16, 42-50.	0.7	9
2174	In Vitro and In Vivo Evaluation of Novel DTX-Loaded Multifunctional Heparin-Based Polymeric Micelles Targeting Folate Receptors and Endosomes. Recent Patents on Anti-Cancer Drug Discovery, 2020, 15, 341-359.	0.8	11
2175	Phytosynthesized Nanoparticles for Effective Cancer Treatment: A Review. Nanoscience and Nanotechnology - Asia, 2019, 9, 437-443.	0.3	6
2176	Nanotechnology Based Delivery Systems of Drugs Currently Used to Treat Alzheimer's Disease. Nanoscience and Nanotechnology - Asia, 2020, 10, 228-247.	0.3	6
2177	Current Trends in Phyto-cancer Therapy Using Nanoparticles. Current Nanomedicine, 2019, 9, 30-45.	0.2	3
2178	Cellulose nanocrystals: a multimodal tool to enhance the targeted drug delivery against bone disorders. Nanomedicine, 2020, 15, 2271-2285.	1.7	5
2179	Immunocompatibility of Rad-PC-Rad liposomes in vitro, based on human complement activation and cytokine release. Precision Nanomedicine, 2018, 1, 43-62.	0.4	4

#	Article	IF	Citations
2181	Intracellular Fate of Polymer Therapeutics Investigated by Fluorescence Lifetime Imaging and Fluorescence Pattern Analysis. Physiological Research, 2016, 65, S217-S224.	0.4	2
2182	The analytical and biomedical applications of carbon dots and their future theranostic potential: A review. Journal of Food and Drug Analysis, 2020, 28, 678-696.	0.9	25
2183	Anticancer peptide: Physicochemical property, functional aspect and trend in clinical application (Review). International Journal of Oncology, 2020, 57, 678-696.	1.4	176
2184	Advanced drug delivery via self-assembled monolayer-coated nanoparticles. AIMS Bioengineering, 2017, 4, 275-299.	0.6	16
2185	Convergence of nanotechnology with radiation therapy-insights and implications for clinical translation. Translational Cancer Research, 2013, 2, 256-268.	0.4	26
2186	In vitro cytotoxicity assay of D-limonene niosomes: an efficient nano-carrier for enhancing solubility of plant-extracted agents. Research in Pharmaceutical Sciences, 2019, 14, 448.	0.6	86
2187	Development of a RP-HPLC method for analysis of docetaxel in tumor-bearing mice plasma and tissues following injection of docetaxel-loaded pH responsive targeting polymeric micelles. Research in Pharmaceutical Sciences, 2020, 15, 1.	0.6	6
2188	Addressing Solubility through Nano Based Drug Delivery Systems. Journal of Nanomedicine & Nanotechnology, 2016, 7, .	1.1	3
2189	Oral Nano-Insulin Therapy: Current Progress on Nanoparticle-Based Devices for Intestinal Epithelium-Targeted Insulin Delivery. Journal of Nanomedicine & Nanotechnology, 2011, s4, .	1.1	6
2190	Polymer Nanoparticles: Newer Strategies towards Targeted Cancer Therapy. , 2013, 03, .		5
2191	Sol-Gel Silica Matrix as Reservoir for Controlled Release of Paracetamol: Characterization and Kinetic Analysis. Journal of Encapsulation and Adsorption Sciences, 2016, 06, 47-55.	0.3	5
2192	Nanotechnology: A focus on Treatment of Tuberculosis International Journal of Drug Delivery, 2011, 3, 25-42.	0.2	9
2193	Dissolvable Trimolybdate Nanowires as Ag Carriers for High-Efficiency Antimicrobial Applications. ISRN Nanotechnology, 2012, 2012, 1-8.	1.3	3
2194	A Brief Overview on Ferrite (Fe3O4) Based Polymeric Nanocomposites: Recent Developments and Challenges. Journal of Research Updates in Polymer Science, 2015, 3, 184-204.	0.3	14
2195	pH-responsive mesoporous silica nanoparticles employed in controlled drug delivery systems for cancer treatment. Cancer Biology and Medicine, 2014, 11, 34-43.	1.4	121
2196	Modified biomimetic core–shell nanostructures enable long circulation and targeted delivery for cancer therapy. New Journal of Chemistry, 2021, 45, 21359-21368.	1.4	2
2197	Sources of variability in nanoparticle uptake by cells. Nanoscale, 2021, 13, 17530-17546.	2.8	16
2198	Nano-scale delivery: A comprehensive review of nano-structured devices, preparative techniques, site-specificity designs, biomedical applications, commercial products, and references to safety, cellular uptake, and organ toxicity. Nanotechnology Reviews, 2021, 10, 1493-1559.	2.6	18

#	Article	IF	CITATIONS
2199	Effect of targeting ligand designation of self-assembly chitosan-poloxamer nanogels loaded Paclitacel on inhibiting MCF-7 cancer cell growth. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 426-442.	1.9	3
2200	Enhanced anticancer efficacy of docetaxel through galbanic acid encapsulated into PLA-PEG nanoparticles in treatment of colon cancer, in vitro and in vivo study. Journal of Bioactive and Compatible Polymers, 2021, 36, 520-530.	0.8	2
2201	Supramolecular Organization of Polymer Prodrug Nanoparticles Revealed by Coarse-Grained Simulations. Journal of the American Chemical Society, 2021, 143, 17412-17423.	6.6	18
2202	Fe3O4@SiO2@Methotrexate as efficient and nanomagnetic catalyst for the synthesis of 9-(aryl)thiazolo [4,5-d] [1,2,4]triazolo [1,5-a]pyrimidin-2(3H)-ones via a cooperative anomeric based oxidation: A joint experimental and computational mechanistic study. Journal of Molecular Structure. 2022. 1250. 131769.	1.8	5
2203	Endocrine therapy with drug delivery system for breast cancer. Drug Delivery System, 2009, 24, 421-425.	0.0	0
2204	Tumor Dormancy in Liver Metastasis: Clinical and Experimental Evidence and Implications for Treatment. Cancer Metastasis - Biology and Treatment, 2011, , 213-232.	0.1	2
2205	Cellular Restriction Factors: Exploiting the Bodyâ \in Ms Antiviral Proteins to Combat HIV-1/AIDS. , 0, , .		0
2206	Investigations in the Stranski-Laboratorium of the TU Berlin – Physical Chemistry of Colloidal Systems – Going Towards Complexity and Functionality. Tenside, Surfactants, Detergents, 2012, 49, 256-265.	0.5	0
2209	Nanomedicines Impacts in Ocular Delivery and Targeting. , 2012, , 55-118.		0
2210	Polymeric Nanoparticles forÂTargeted Delivery ofÂBioactive Agents and Drugs. , 2013, , 593-616.		0
2211	The Sustained-Release Drug Delivery Based on Nano Calcium Carbonate. Hans Journal of Nanotechnology, 2013, 03, 41-46.	0.1	0
2213	Current Advances in Self-Assembly RNAi Nanoparticlesand John J. Rossi. , 2013, , 563-576.		0
2214	Emerging Potential of Nanoparticles for the Treatment of Solid Tumors and Metastasis. , 2013, , 1-28.		0
2215	Therapeutic Applications and Targeted Delivery of Nanomedicines and Nanopharmaceutical Products. , 2013, , 335-352.		0
2217	Protein-Specific Effects of Binding to Silica Nanoparticles. Springer Theses, 2014, , 121-128.	0.0	1
2218	Effect of pH and Salinity on Silica–Lysozyme Hetero-Aggregation. Springer Theses, 2014, , 103-119.	0.0	0
2219	Intersection of Nanotechnology and Healthcare. Nanostructure Science and Technology, 2014, , 341-354.	0.1	0
2221	Advances in Electrospun Nanofi bers Modeling. , 2014, , 1-110.		0

		CITATION R	EPORT	
#	Article		IF	CITATIONS
2222	Multifunctional Theranostic Nanoplatform: Plasmonic-Active Gold Nanostars. , 2014, ,	295-314.		0
2223	The use of molecular imaging combined with genomic techniques to understand the h cancer metastasis. BJR case Reports, 2014, 1, 20140065.	eterogeneity in	0.1	0
2224	Electrospinning Process: A Comprehensive Review and Update. , 2014, , 19-126.			1
2225	A Systems Toxicology Approach to Investigating the Cardiovascular Effects of Cigarett Environmental Pollutants in ApoE-Deficient Mice. Methods in Pharmacology and Toxico 345-370.	e Smoke and blogy, 2015, ,	0.1	0
2226	Eugenol significantly affects the flow of its nanodroplet gel. International Journal of Pharmaceutical Investigation, 2015, 5, 200.		0.2	1
2227	NANOMEDICINA. , 2015, , 83-108.			0
2228	Recent advances in utilization of photochemical internalization (PCI) for efficient nano mediated drug delivery. Biomaterials and Biomechanics in Bioengineering, 2015, 2, 1-1	carrier 3.	0.1	0
2229	Nanomedicine: The Dawn of a New Era. , 2015, , 3-20.			1
2230	Nanomedicine: The Dawn of a New Era. , 2015, , 15-32.			0
2231	Fluorescent Nanohybrids: Cancer Diagnosis and Therapy. , 0, , 3420-3444.			0
2232	Immunotherapy and Vaccines. , 2016, , 441-464.			0
2233	Improved Manufacturing Method of Discoidal Nanoparticles for Cancer Theranostics. Ja Biomedical Engineering Research, 2016, 37, 46-52.	burnal of	0.1	0
2234	Construction and Biological Evaluation of Nanoparticle-Based Tumor Targeting Drug D , 0, , .	elivery System.		0
2235	Basic Concepts in Drug Targeting. , 2016, , 1-23.			0
2236	Liposomes. Advances in Medical Technologies and Clinical Practice Book Series, 2017,	, 27-51.	0.3	1
2237	Tuning the Supramolecular Coordination Self-Assembly on Au(111) Surface by Molecu Chains. Applied Physics, 2017, 07, 165-172.	ar Flexible Side	0.0	1
2238	Fluorescent Nanohybrids: Cancer Diagnosis and Therapy. , 2017, , 560-584.			0
2239	5-fluorouracil encapsulated CS-mPEG nanogels for controlling drug release. Vietnam Jo Chemistry, 2017, 55, .	urnal of	0.7	1

#	Article	IF	CITATIONS
2241	CHAPTER 5. Radiolabelling Liposomal Nanomedicines for PET Imaging. RSC Drug Discovery Series, 2018, , 123-136.	0.2	0
2242	Nanotechnology in Preclinical and Clinical Drug Development. International Journal of Medical and Surgical Sciences, 2018, 1, 73-93.	0.0	3
2243	Biological Events and Barriers to Effective Delivery of Cancer Therapeutics. Bioanalysis, 2019, , 13-31.	0.1	0
2244	Nanoparticle-Based Drug Delivery Systems: Promising Approaches Against Bacterial Infections. , 2019, , 605-633.		5
2245	Effectiveness of synthetic calcite doped with Fe-EDDHSA as a slow-release Fe source: <i>In-vitro</i> experiment on kiwifruit (<i>Actinidia chinensis</i> var.) Tj ETQq0 0 0 rgBT /Ov	vendoasck 10	Tf050 577 To

2246	Recent Advances in the au NP Treatment Strategies of Lung Cancers. , 2019, , 701-729.		1
2247	CELL CARRIERS AS SYSTEMS OF DELIVERY OF ANTITUMOR DRUGS (REVIEW). Drug Development and Registration, 2019, 8, 43-57.	0.2	1
2248	On the Role of Saffman Force in Inertial Microfluidics. Global Journal of Engineering Sciences, 2019, 2,	0.2	1
2249	Development and properties of a new doxorubicin carrier based on surface-modified iron zero-valent microparticles with high encapsulation efficiency and the possibility of its controlled release. Bulletin of Siberian Medicine, 2019, 18, 69-79.	0.1	0
2250	Paclitaxel-tyroserleutide Conjugates Self-assembly into Nanocarrier for Drug Delivery. Letters in Drug Design and Discovery, 2019, 16, 882-891.	0.4	0
2251	Therapeutic Use of Inorganic Nanomaterials in Malignant Diseases. Environmental Chemistry for A Sustainable World, 2020, , 47-87.	0.3	0
2252	IN VITRO ANTIMICROBIAL ACTIVITY OF COBALT FERRITE NANOPARTICLES SYNTHESIZED BY Co-PRECIPITATION METHOD. Acta Chemica lasi, 2020, 28, 225-236.	0.1	5
2253	Nanocarriers(s) Based Approaches in Cancer Therapeutics. Current Nanomedicine, 2020, 10, 130-148.	0.2	1
2254	Transport of Molecular Cargo by Interaction with Virus‣ike Particle RNA. Angewandte Chemie - International Edition, 2022, 61, .	7.2	6
2255	Plant-based nanoparticles prepared from protein containing tribenuron-methyl: fabrication, characterization, and application. Chemical and Biological Technologies in Agriculture, 2021, 8, .	1.9	11
2256	Microfluidicâ€Generated Biopolymer Microparticles as Cargo Delivery Systems. Advanced Materials Technologies, 2022, 7, 2100733.	3.0	3
2257	Transport of Molecular Cargo by Interaction with Virusâ€ i ke Particle RNA. Angewandte Chemie, 0, , .	1.6	0
2258	An efficient photochemotherapy nanoplatform based on the endogenous biosynthesis of photosensitizer in macrophage-derived extracellular vesicles. Biomaterials, 2021, 279, 121234.	5.7	7

#	Article	IF	CITATIONS
2259	Bioprotein Based IPN Nanoparticles as Potential Vehicles for Anticancer Drug Delivery: Fabrication Technology. , 2020, , 183-203.		2
2261	Revealing the Phagosomal pH Regulation and Inflammation of Macrophages after Endocytosing Polyurethane Nanoparticles by A Ratiometric pH Nanosensor. Advanced Biology, 2021, 5, 2000200.	1.4	7
2262	Recent advances in functionalized upconversion nanoparticles for light-activated tumor therapy. RSC Advances, 2021, 11, 35472-35488.	1.7	12
2263	Nanomaterials: Applications in Biomedicine and Biotechnology. , 2020, , 1-18.		2
2264	Nanotechnology in cancer therapy: An overview and perspectives (Review). International Journal of Pharmaceutical Chemistry and Analysis, 2020, 6, 110-114.	0.1	0
2265	Genetically engineered microbes for sustainable therapies. , 2020, , 125-145.		0
2266	Polyunsaturated Fatty Acid-Loaded Nanomedicine for Solid Tumor. , 2020, , 185-200.		0
2267	Enzyme-responsive nanocontainer for small molecule delivery. , 2020, , 217-227.		0
2268	Nanotechnology: A Curative Approach to Combat HIV-AIDS. International Journal of Current Research and Review (discontinued), 2020, 12, 149-161.	0.1	3
2269	Theranostic drug delivery systems for targeted therapy of lung diseases. , 2020, , 393-410.		1
2270	Small-Sized Co-Polymers for Targeted Delivery of Multiple Imaging and Therapeutic Agents. Nanomaterials, 2021, 11, 2996.	1.9	5
2271	Nanotechnology in Amyloid Lateral Sclerosis (ALS) - review. Journal of Education, Health and Sport, 2020, 10, 197.	0.0	1
2272	Encapsulation of Small Drugs in a Supramolecule Enhances , Stability, and Therapeutic Efficacy Against. Methods in Molecular Biology, 2021, 2207, 175-186.	0.4	1
2274	Zr-89 Labeled PAMAM Dendrimers 5G without a Chelator for a Cancer Diagnostic Agent. Journal of the Korean Physical Society, 2020, 77, 409-413.	0.3	1
2275	Biomedical applications of functionalized fullerene-based nanomaterials. International Journal of Nanomedicine, 2009, 4, 261-75.	3.3	100
2276	Halothane: Is there still any place for using the gas as an anesthetic?. Hepatitis Monthly, 2011, 11, 511-2.	0.1	9
2277	Platelet-Derived Growth Factor Delivery via Nanofibrous Scaffolds for Soft-Tissue Repair. Advances in Skin and Wound Care, 2010, 1, 375-381.	0.5	3
2279	The Role of Molecular Imaging in Drug Delivery. Drug Delivery, 2009, 3, 109-113.	0.0	Ο

#	Article	IF	CITATIONS
2280	Caveolae-mediated Delivery of Therapeutic Nanoparticles across Blood-endothelial Barrier. Interdisciplinary Journal of Microinflammation, 2014, 1, .	0.1	6
2283	A Comparison of Hepatocyte Cytotoxic Mechanisms for Docetaxel and PLGA-Docetaxel Nanoparticls. Iranian Journal of Pharmaceutical Research, 2017, 16, 249-265.	0.3	2
2285	Coenzyme Q immobilized on Magnetic Nanoparticle: Synthesis and Antitumoral Effect on Saos, MCF7 and Hela Cell Lines. Iranian Journal of Pharmaceutical Research, 2020, 19, 394-409.	0.3	0
2286	Controllable Synthesis of Polymeric Micelles by Microfluidic Platforms for Biomedical Applications: A Systematic Review. Iranian Journal of Pharmaceutical Research, 2021, 20, 229-240.	0.3	0
2287	Biodegradable and self-fluorescent ditelluride-bridged mesoporous organosilica/polyethylene glycol-curcumin nanocomposite for dual-responsive drug delivery and enhanced therapy efficiency. Materials Today Chemistry, 2022, 23, 100660.	1.7	8
2288	Design principles for bacteria-responsive antimicrobial nanomaterials. Materials Today Chemistry, 2022, 23, 100606.	1.7	20
2289	A NIR-II-emitting gold nanocluster-based drug delivery system for smartphone-triggered photodynamic theranostics with rapid body clearance. Materials Today, 2021, 51, 96-107.	8.3	26
2290	Quantitative Super-Resolution Microscopy to Assess Adhesion of Neuronal Cells on Single-Layer Graphene Substrates. Membranes, 2021, 11, 878.	1.4	3
2291	Metal Sulfide Semiconductor Nanomaterials and Polymer Microgels for Biomedical Applications. International Journal of Molecular Sciences, 2021, 22, 12294.	1.8	5
2292	Tumor-Targeting Agents. , 2022, , 217-236.		3
2293	Recent Advancements in Serum Albumin-Based Nanovehicles Toward Potential Cancer Diagnosis and Therapy. Frontiers in Chemistry, 2021, 9, 746646.	1.8	31
2294	Foundations of gastrointestinal-based drug delivery and future developments. Nature Reviews Gastroenterology and Hepatology, 2022, 19, 219-238.	8.2	66
2295	Polymeric Matrix-Based Nanoplatforms toward Tumor Therapy and Diagnosis. , 2022, 4, 21-48.		12
2296	Immunotherapy for Triple-Negative Breast Cancer. Pharmaceutics, 2021, 13, 2003.	2.0	16
2297	Phytoplankton Mediated Nanoparticles for Cancer Therapy. , 2022, , 143-159.		1
2298	Polymer Translocation Time. Journal of Physical Chemistry Letters, 2021, 12, 11534-11542.	2.1	5
2299	Hyaluronic acid-coated and Olaparib-loaded PEI â^' PLGA nanoparticles for the targeted therapy of triple negative breast cancer. Journal of Microencapsulation, 2022, 39, 25-36.	1.2	9
2300	TPGS2000-DOX Prodrug Micelles for Improving Breast Cancer Therapy. International Journal of Nanomedicine, 2021, Volume 16, 7875-7890.	3.3	13

#	Article	IF	CITATIONS
2301	Recent advances in targeted nanotherapeutic approaches for breast cancer management. Nanomedicine, 2021, 16, 2605-2631.	1.7	11
2302	An overview of antimicrobial and anticancer potential of silver nanoparticles. Journal of King Saud University - Science, 2022, 34, 101791.	1.6	41
2303	DFT study of 2D graphitic carbon nitride based preferential targeted delivery of levosimendan, a cardiovascular drug. Computational and Theoretical Chemistry, 2022, 1209, 113584.	1.1	6
2304	Co-assembly of liposomes, Dendrimersomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. Giant, 2022, 9, 100089.	2.5	17
2305	Integrated Polymer Composites for Electro-responsive Drug Delivery. Biomaterials Science Series, 2018, , 192-208.	0.1	0
2306	Nanociência e Nanotecnologia em foco: reflexões sobre um tema a ser explorado na educação em ciências Revista De Ensino De Ciências E Matemática, 2020, 11, 497-513.	0.0	0
2307	Self-Assembled Tocopherol-Albumin Nanoparticles with Full Biocompatibility for Chemo-photothermal Therapy against Breast Cancer. Current Drug Delivery, 2022, 19, 49-63.	0.8	6
2308	Bioapplications of nanoparticles. , 2022, , 213-239.		0
2309	A Polyhydroxyalkanoates-Based Carrier Platform of Bioactive Substances for Therapeutic Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 798724.	2.0	4
2310	An overview of stimuli-responsive nanocarriers: State of the art. , 2022, , 1-27.		1
2311	Pharmacoengineering: A New Frontier in Cutting-Edge Translational Pharmaceutical Research in India. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 0, , 1.	0.4	0
2312	Review on Nanoparticles and Nanostructured Materials: Bioimaging, Biosensing, Drug Delivery, Tissue Engineering, Antimicrobial, and Agro-Food Applications. Nanomaterials, 2022, 12, 457.	1.9	200
2313	DFT and TD-DFT study of adsorption behavior of Zejula drug on surface of the B12N12 nanocluster. Main Group Chemistry, 2022, 21, 405-420.	0.4	8
2314	Development of Pharmaceutical Nanomedicines: From the Bench to the Market. Pharmaceutics, 2022, 14, 106.	2.0	109
2315	Hierarchy of Complex Glycomacromolecules: From Controlled Topologies to Biomedical Applications. Biomacromolecules, 2022, 23, 543-575.	2.6	12
2316	Transforming the Chemical Structure and Bioâ€Nano Activity of Doxorubicin by Ultrasound for Selective Killing of Cancer Cells. Advanced Materials, 2022, 34, e2107964.	11.1	12
2317	CD44-Targeted Carriers: The Role of Molecular Weight of Hyaluronic Acid in the Uptake of Hyaluronic Acid-Based Nanoparticles. Pharmaceuticals, 2022, 15, 103.	1.7	20
2318	Nanoparticle protein corona evolution: from biological impact to biomarker discovery. Nanoscale, 2022, 14, 1606-1620.	2.8	25

ARTICLE IF CITATIONS A Microfluidic Device as a Drug Carrier., 0,,. 1 2319 Triblock Copolymer Micelles with Tunable Surface Charge as Drug Nanocarriers: Synthesis and Physico-Chemical Characterization. Nanomaterials, 2022, 12, 434. 1.9 A drift on liposomes to proliposomes: recent advances and promising approaches. Journal of Liposome 2321 1.5 10 Research, 2022, 32, 317-331. Structureâ€Based Varieties of Polymeric Nanocarriers and Influences of Their Physicochemical Properties on Drug Delivery Profilés. Advanced Science, 2022, 9, e2105373. Polymers and polymeric hybrids for targeted drug delivery., 2022, , 303-322. 2323 2 Delivery of an immunogenic cell death-inducing copper complex to cancer stem cells using polymeric nanoparticles. RSC Advances, 2022, 12, 5290-5299. 2324 1.7 Recent advances and future prospective of hybrid drug delivery systems., 2022, , 357-374. 2325 1 Destruction of tumor vasculature by vascular disrupting agents in overcoming the limitation of EPR effect. Advanced Drug Delivery Reviews, 2022, 183, 114138. 2326 6.6 Schwann cell endosome CGRP signals elicit periorbital mechanical allodynia in mice. Nature 2327 5.8 57 Communications, 2022, 13, 646. Research Progress and Prospects for Polymeric Nanovesicles in Anticancer Drug Delivery. Frontiers 2328 in Bioengineering and Biotechnology, 2022, 10, 850366. A DFT approach for finding therapeutic potential of two dimensional (2D) graphitic carbon nitride (GCN) as a drug delivery carrier for curcumin to treat cardiovascular diseases. Journal of Molecular 2330 1.8 16 Structure, 2022, 1257, 132547. Current nano-therapeutic approaches ameliorating inflammation in cancer progression. Seminars in 4.3 Cancer Biology, 2022, 86, 886-908. Brief Outlook on Polymeric Nanoparticles, Micelles, Niosomes, Hydrogels and Liposomes: Preparative 2332 0.7 15 Methods and Action. ChemistrySelect, 2022, 7, . The Potential of Drug Delivery Nanosystems for Sepsis Treatment. Journal of Inflammation Research, 1.6 2021, Volume 14, 7065-7077 2334 Nano-formulations in drug delivery., 2022, , 473-491. 0 Simulation Study on the Physicochemical Properties of Fe3o4 Nanoparticles as Drug Delivery Vehicles for Dopamine Réplacement Therapy of Parkinson's Disease. SSRN Electronic Journal, 0, , . Animal protein-plant protein composite nanospheres for dual-drug loading and synergistic cancer 2336 2.9 11 therapy. Journal of Materials Chemistry B, 2022, 10, 3798-3807. Application of nanotechnology assisted devices in cancer treatment., 2022, , 77-94.

#	Article	IF	CITATIONS
2338	Intranasal Delivery of Functionalized Polymeric Nanomaterials to the Brain. Advanced Healthcare Materials, 2022, 11, e2102610.	3.9	20
2339	Evaluation of the butyrylcholinesterase expression and activity in CHO, HEK-293 and vero cell lines transformed by dual promoter expression vector. Journal of Cellular Biotechnology, 2022, 8, 23-35.	0.1	2
2340	Recent Trend of Ultrasound-Mediated Nanoparticle Delivery for Brain Imaging and Treatment. ACS Applied Materials & Interfaces, 2023, 15, 120-137.	4.0	10
2341	A silica-based antioxidant nanoparticle for oral delivery of Camptothecin which reduces intestinal side effects while improving drug efficacy for colon cancer treatment. Acta Biomaterialia, 2022, 143, 459-470.	4.1	11
2342	Platinum Nanoparticles in Biomedicine: Preparation, Anti-Cancer Activity, and Drug Delivery Vehicles. Frontiers in Pharmacology, 2022, 13, 797804.	1.6	42
2343	Nanoparticles as phytochemical carriers for cancer treatment: News of the last decade. Expert Opinion on Drug Delivery, 2022, 19, 179-197.	2.4	16
2344	Recent advances on nanoparticle-based therapies for cardiovascular diseases. Journal of Cardiology, 2023, 81, 10-18.	0.8	13
2345	Recent Advancements in Mitochondria-Targeted Nanoparticle Drug Delivery for Cancer Therapy. Nanomaterials, 2022, 12, 743.	1.9	19
2346	Plant Salinity Stress Response and Nano-Enabled Plant Salt Tolerance. Frontiers in Plant Science, 2022, 13, 843994.	1.7	22
2347	Drug delivery strategy in hepatocellular carcinoma therapy. Cell Communication and Signaling, 2022, 20, 26.	2.7	21
2348	The Progress of Magnetoactive Origami Structures. Journal of Physics: Conference Series, 2022, 2230, 012024.	0.3	1
2349	Microfluidic Platforms for the Production of Nanoparticles at Flow Rates Larger Than One Liter Per Hour. Advanced Materials Technologies, 2022, 7, .	3.0	6
2350	Design, Development, Physicochemical Characterization, and In Vitro Drug Release of Formoterol PEGylated PLGA Polymeric Nanoparticles. Pharmaceutics, 2022, 14, 638.	2.0	6
2351	Nanotechnology Applications in Biomedical Systems. Current Nanomaterials, 2022, 7, 167-180.	0.2	7
2352	Multifunctional Therapeutic Approach of Nanomedicines against Inflammation in Cancer and Aging. Journal of Nanomaterials, 2022, 2022, 1-19.	1.5	38
2353	Nanoarchitectured prototypes of mesoporous silica nanoparticles for innovative biomedical applications. Journal of Nanobiotechnology, 2022, 20, 126.	4.2	51
2354	Versatile Oral Insulin Delivery Nanosystems: From Materials to Nanostructures. International Journal of Molecular Sciences, 2022, 23, 3362.	1.8	16
2355	CD44 Receptor-Mediated/Reactive Oxygen Species-Sensitive Delivery of Nanophotosensitizers against Cervical Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 3594.	1.8	8

ARTICLE IF CITATIONS # Organotropic Targeting of Biomimetic Nanoparticles to Treat Lung Disease. Bioconjugate Chemistry, 2356 1.8 7 2022, 33, 586-593. Transforming Nuclear Medicine with Nanoradiopharmaceuticals. ACS Nano, 2022, 16, 5036-5061. 7.3 Comparative statistical analysis of the release kinetics models for nanoprecipitated drug delivery 2358 1.1 50 systems based on poly(lactic-co-glycolic acid). PLoS ONE, 2022, 17, e0264825. Nanoparticle delivery systems for substance use disorder. Neuropsychopharmacology, 2022, , . 2359 Intersection of Inorganic Chemistry and Nanotechnology for the Creation of New Cancer Therapies. 2360 5.9 4 Accounts of Materials Research, 2022, 3, 283-296. Impact of Drp1-Mediated Mitochondrial Dynamics on T Cell Immune Modulation. Frontiers in 2.2 Immunology, 2022, 13, 873834. cRGD enables rapid phagocytosis of liposomal vancomycin for intracellular bacterial clearance. 2362 4.8 11 Journal of Controlled Release, 2022, 344, 202-213. Multicompartment systems: A putative carrier for combined drug delivery and targeting. Drug 3.2 2363 Discovery Today, 2022, 27, 1184-1195. Nanostructures for drug delivery in respiratory diseases therapeutics: Revision of current trends 2364 1.4 16 and its comparative analysis. Journal of Drug Delivery Science and Technology, 2022, 70, 103219. Liposomal Nanoformulation as a Carrier for Curcumin and pEGCGâ€"Study on Stability and Anticancer 1.9 Potential. Nanomaterials, 2022, 12, 1274. Efavirenz nanoemulsion: Formulation Optimization by Box-Behnken Design, in vivo Pharmacokinetic 2366 0.1 0 Evaluation and Stability Assessment. International Journal of Pharmacology, 2022, 18, 732-745. Dual targeting nanoparticles based on hyaluronic and folic acids as a promising delivery system of the encapsulated 4-Methylumbelliferone (4-MU) against invasiveness of lung cancer in vivo and in vitro. International Journal of Biological Macromolecules, 2022, 206, 467-480. 2367 3.6 First principles calculations of the adsorption of fluorouracil and nitrosourea on CTF-0; organic frameworks as drug delivery systems for cancer treatment. Journal of Molecular Liquids, 2022, 356, 2368 2.3 19 118941. A molecular dynamic simulation study of anticancer agents and UiO-66 as a carrier in drug delivery 2369 1.3 systems. Journal of Molecular Graphics and Modelling, 2022, 113, 108147. Octacosanol and health benefits: Biological functions and mechanisms of action. Food Bioscience, 2370 2.013 2022, 47, 101632. On the Interactions Between Bovine Serum Albumin and Reduced Glutathione in Solution., 2021, , . 2371 Biosynthesis of triangular-shape ZnO nanoparticles using <i>Tecoma stans</i>) and its antimicrobial 2372 0.9 1 activity. Inorganic and Nano-Metal Chemistry, 0, , 1-11. New Therapeutic Approaches for Allergy: A Review of Cell Therapy and Bio- or Nano-Material-Based 2373 Strategies. Pharmaceutics, 2021, 13, 2149.

#	Article	IF	CITATIONS
2374	Doxorubicin nanomedicine based on ginsenoside Rg1 with alleviated cardiotoxicity and enhanced antitumor activity. Nanomedicine, 2021, 16, 2587-2604.	1.7	12
2375	Fabrication of Stable Apigenin Nanosuspension with PEG 400 as Antisolvent for Enhancing the Solubility and Bioavailability. AAPS PharmSciTech, 2022, 23, 12.	1.5	6
2376	Oxidative Stress and Antioxidant Nanotherapeutic Approaches for Inflammatory Bowel Disease. Biomedicines, 2022, 10, 85.	1.4	15
2377	Nanoparticle-modified PMMA to prevent denture stomatitis: a systematic review. Archives of Microbiology, 2022, 204, 75.	1.0	10
2378	Investigations on the influence of the structural flexibility of nanoliposomes on their properties. Journal of Liposome Research, 2022, 32, 92-103.	1.5	7
2379	Construction of Glycogen-Based Nanoparticles Loaded with Resveratrol for the Alleviation of High-Fat Diet-Induced Nonalcoholic Fatty Liver Disease. Biomacromolecules, 2022, 23, 409-423.	2.6	9
2381	Transdermal drug delivery nanocarriers for improved treatment of skin diseases. , 2022, , 135-166.		0
2383	Autophagy targeting nanoparticles in rheumatoid arthritis and osteoarthritis. Materials Advances, 2022, 3, 3820-3834.	2.6	6
2384	Dual Responsive poly(vinyl caprolactam)-Based Nanogels for Tunable Intracellular Doxorubicin Delivery in Cancer Cells. Pharmaceutics, 2022, 14, 852.	2.0	12
2385	A Multiscale Study of Phosphorylcholine Driven Cellular Phenotypic Targeting. ACS Central Science, 2022, 8, 891-904.	5.3	3
2386	Macrocycle-Surfaced Polymer Nanocapsules: An Emerging Paradigm for Biomedical Applications. Bioconjugate Chemistry, 2022, 33, 2254-2261.	1.8	4
2387	Reactive oxygen species-inducing titanium peroxide nanoparticles as promising radiosensitizers for eliminating pancreatic cancer stem cells. Journal of Experimental and Clinical Cancer Research, 2022, 41, 146.	3.5	7
2388	Nanoarchitectured two-dimensional layered double hydroxides-based nanocomposites for biomedical applications. Advanced Drug Delivery Reviews, 2022, 186, 114270.	6.6	29
2389	The Antioxidant Effect of the Metal and Metal-Oxide Nanoparticles. Antioxidants, 2022, 11, 791.	2.2	32
2390	Bioorthogonal in situ assembly of nanomedicines as drug depots for extracellular drug delivery. Nature Communications, 2022, 13, 2038.	5.8	27
2391	Nanoconjugate Synthesis of Elaeocarpus ganitrus and the Assessment of Its Antimicrobial and Antiproliferative Properties. Molecules, 2022, 27, 2442.	1.7	5
2392	Chitosan nanocarriers for microRNA delivery and detection: A preliminary review with emphasis on cancer. Carbohydrate Polymers, 2022, 290, 119489.	5.1	23
2397	The Functional Role of Lipoproteins in Atherosclerosis: Novel Directions for Diagnosis and Targeting Therapy. , 2022, 13, 491.		17

#	Article	IF	CITATIONS
2400	Erythrocyte Nanovesicles as Chemotherapeutic Drug Delivery Platform for Cancer Therapy. SSRN Electronic Journal, 0, , .	0.4	0
2402	Biogenic Synthesis of Nanoparticles and Drug Delivery Systems. Advances in Bioinformatics and Biomedical Engineering Book Series, 2022, , 1-26.	0.2	Ο
2403	Smart pH responsive system based on hybrid mesoporous silica nanoparticles for delivery of fungicide to control Fusarium crown and root rot in tomato. , 2022, 104, 979-992.		8
2404	Engineering Injectable Antiâ€Inflammatory Hydrogels to Treat Acute Myocardial Infarction. Advanced NanoBiomed Research, 2022, 2, .	1.7	6
2405	A Comparative Study on Inhibition of Breast Cancer Cells and Tumors in Mice by Carotenoid Extract and Nanoemulsion Prepared from Sweet Potato (Ipomoea batatas L.) Peel. Pharmaceutics, 2022, 14, 980.	2.0	11
2406	How Effective are Nano-Based Dressings in Diabetic Wound Healing? A Comprehensive Review of Literature. International Journal of Nanomedicine, 2022, Volume 17, 2097-2119.	3.3	13
2407	The Auxiliary Role of Heparin in Bone Regeneration and its Application in Bone Substitute Materials. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	2.0	4
2408	Advocation and advancements of EPR effect theory in drug delivery science: A commentary. Journal of Controlled Release, 2022, 346, 355-357.	4.8	10
2409	Nano-bio interactions: A major principle in the dynamic biological processes of nano-assemblies. Advanced Drug Delivery Reviews, 2022, 186, 114318.	6.6	11
2410	Tissue engineered drug delivery vehicles: Methods to monitor and regulate the release behavior. Journal of Controlled Release, 2022, 349, 143-155.	4.8	14
2411	A novel strategy for the enhancement of the antibacterial activity of ciprofloxacin by conjugating it with a biocompatible nanocomposite. AIP Conference Proceedings, 2022, , .	0.3	0
2412	Delocalized Lipophilic Cation Triphenyl phosphonium: Promising Molecule for Mitochondria Targeting. Current Drug Delivery, 2022, 19, .	0.8	2
2413	Recent Progress of Metal-Organic Framework-Based Photodynamic Therapy for Cancer Treatment. International Journal of Nanomedicine, 0, Volume 17, 2367-2395.	3.3	23
2414	Synthesis of a new polymer from arginine for the preparation of antioxidant, pH-sensitive, and photoluminescence nanocomposite as a cancer drugs carrier. Journal of Industrial and Engineering Chemistry, 2022, 112, 335-347.	2.9	13
2415	Modeling and optimization of nanovector drug delivery systems: exploring the most efficient algorithms. Journal of Nanoparticle Research, 2022, 24, .	0.8	1
2416	Molecular dynamics simulation reveals the reliability of Brij-58 nanomicellar drug delivery systems for flurbiprofen. Journal of Molecular Liquids, 2022, 360, 119496.	2.3	4
2417	Construction of bionanoparticles based on Angelica polysaccharides for the treatment of stroke. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 44, 102570.	1.7	4
2419	Delivery of enzalutamide <i>via</i> nanoparticles for effectively inhibiting prostate cancer progression. Biomaterials Science, 2022, 10, 5187-5196.	2.6	6

		CITATION REPORT		
#	ARTICLE	63-196	IF 0.5	Citations
2420	biominietic Nanocomposites for biomedical Applications. ACS Symposium Series, 0, , 1	05-190.	0.5	2
2421	<i>InÂvivo</i> visualization of fluorescence reflecting CDK4 activity in a breast cancer MedComm, 2022, 3, .	mouse model.	3.1	1
2422	Application progress of nanotechnology in regenerative medicine of diabetes mellitus. Research and Clinical Practice, 2022, 190, 109966.	Diabetes	1.1	3
2423	Nanodiamond composites: A new material for the preservation of parchment. Journal o Polymer Science, 0, , .	f Applied	1.3	2
2424	Simulation study on the physicochemical properties of Fe3O4 nanoparticles as drug de for dopamine replacement therapy of Parkinson's disease. Materials Today Commu 103829.	livery vehicles nications, 2022, 31,	0.9	3
2425	Cell membraneâ€coated nanoparticles for the treatment of bacterial infection. Wiley Ir Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, .	iterdisciplinary	3.3	16
2426	Recent advancements of nanoparticles application in cancer and neurodegenerative disglance. Biomedicine and Pharmacotherapy, 2022, 153, 113305.	sorders: At a	2.5	50
2427	Integrating DNA nanostructures with DNAzymes for biosensing, bioimaging and cancer Coordination Chemistry Reviews, 2022, 468, 214651.	therapy.	9.5	18
2428	Polymer-based bionanomaterials for biomedical applications. , 2022, , 187-225.			1
2429	Uncovering the limitation of nanodrug delivery system: Backdrop to the game changer	. , 2022, , 321-342.		0
2430	Applications of nanocomposites based on zeolitic imidazolate framework-8 in photody synergistic anti-tumor therapy. RSC Advances, 2022, 12, 16927-16941.	namic and	1.7	6
2431	Nano-targeted drug delivery approaches for biofilm-associated infections. , 2022, , 97-1	.38.		0
2432	Carbon Nanotubes in Tumor-Targeted Chemotherapeutic Formulations: A Review of Op Challenges. ACS Applied Nano Materials, 2022, 5, 8649-8679.	portunities and	2.4	6
2433	Trends in Layered Double Hydroxidesâ€Based Advanced Nanocomposites: Recent Prog Advancements. Advanced Materials Interfaces, 0, , 2200373.	ress and Latest	1.9	13
2434	Synthesis and Characterization of Tetracycline Loaded Methionine-Coated NiFe2O4 Na Anticancer and Antibacterial Applications. Nanomaterials, 2022, 12, 2286.	noparticles for	1.9	8
2435	Electrostatics and electrophoresis of engineered nanoparticles and particulate environ contaminants: Beyond zeta potential-based formulation. Current Opinion in Colloid and Science, 2022, 60, 101605.	nental d Interface	3.4	21
2436	Mitochondrial targeting of potent nanoparticulated drugs in combating diseases. Journ Biomaterials Applications, 0, , 088532822211116.	al of	1.2	0
2437	Changing Surface Polyethylene Glycol Architecture Affects Elongated Nanoparticle Pen Multicellular Tumor Spheroids. Biomacromolecules, 2022, 23, 3296-3307.	etration into	2.6	1

#	Article	IF	CITATIONS
2438	Insights for Alzheimer's disease pharmacotherapy and current clinical trials. Neurochemistry International, 2022, 159, 105401.	1.9	5
2439	Superporous poly(β-Cyclodextrin) cryogels as promising materials for simultaneous delivery of both hydrophilic and hydrophobic drugs. European Polymer Journal, 2022, 176, 111399.	2.6	7
2440	An update on dual targeting strategy for cancer treatment. Journal of Controlled Release, 2022, 349, 67-96.	4.8	18
2441	Bibliometric Analysis of Nanotechnology Applied in Colon Cancer Screening and Therapy from 2002 to 2011. Arab Gulf Journal of Scientific Research, 2014, , 147-152.	0.3	0
2442	Maximizing the reproductive performances of anestrus dairy buffalo cows using GnRH analogue-loaded chitosan nanoparticles during the low breeding season. Animal Reproduction Science, 2022, 244, 107044.	0.5	4
2443	Benefits of Applying Nanotechnologies to Hydrogels in Efficacy Tests in Osteoarthritis Models—A Systematic Review of Preclinical Studies. International Journal of Molecular Sciences, 2022, 23, 8236.	1.8	0
2444	Inhibition of highland barley bran-derived carbon dots on the formation of advanced glycation end products. LWT - Food Science and Technology, 2022, 167, 113772.	2.5	1
2445	Emerging mechanisms of pyroptosis and its therapeutic strategy in cancer. Cell Death Discovery, 2022, 8, .	2.0	24
2446	Usage of Nanoparticles to Alter Neutrophils' Function for Therapy. ACS Biomaterials Science and Engineering, 2022, 8, 3676-3689.	2.6	5
2447	Self-Assembled DNA–Protein Hybrid Nanospheres: Biocompatible Nano-Drug-Carriers for Targeted Cancer Therapy. ACS Applied Materials & Interfaces, 2022, 14, 37493-37503.	4.0	3
2448	Fabrication of microwave-sensitized nanospheres of covalent organic framework with apatinib for tumor therapy. Chinese Chemical Letters, 2023, 34, 107763.	4.8	3
2449	The Current State of the Art in PARP Inhibitor-Based Delivery Nanosystems. Pharmaceutics, 2022, 14, 1647.	2.0	4
2450	Protein Binding Nanoparticles as an Integrated Platform for Cancer Diagnosis and Treatment. Advanced Science, 2022, 9, .	5.6	11
2452	Peptide-Based Nanomaterials: Self-Assembly and Applications. Mini-Reviews in Medicinal Chemistry, 2022, 22, .	1.1	1
2453	Evaluating the Cytotoxicity of Monolayered and Multilayered Carbon Nanotubes on Three Different Human Cell Lines. Recent Patents on Biotechnology, 2023, 17, 186-195.	0.4	0
2454	Porphyrinâ€Based Nanoparticles: A Promising Phototherapy Platform. ChemPlusChem, 2022, 87, .	1.3	9
2455	Functional Nanoparticles for Enhanced Cancer Therapy. Pharmaceutics, 2022, 14, 1682.	2.0	6
2456	Beyond Formulation: Contributions of Nanotechnology for Translation of Anticancer Natural Products into New Drugs. Pharmaceutics, 2022, 14, 1722.	2.0	14

#	Article	IF	CITATIONS
2457	Perspectives on using bacteriophages in biogerontology research and interventions. Chemico-Biological Interactions, 2022, 366, 110098.	1.7	3
2458	Nanocarriers as a Delivery Platform for Anticancer Treatment: Biological Limits and Perspectives in B-Cell Malignancies. Pharmaceutics, 2022, 14, 1965.	2.0	4
2460	Exploring the role of nanomedicines for the therapeutic approach of central nervous system dysfunction: At a glance. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	17
2461	Antifungal Encapsulated into Ligand-Functionalized Nanoparticles with High Specificity for Macrophages. Pharmaceutics, 2022, 14, 1932.	2.0	5
2462	Erythrocyte nanovesicles as chemotherapeutic drug delivery platform for cancer therapy. Journal of Drug Delivery Science and Technology, 2022, 76, 103738.	1.4	2
2463	Targeted chitosan nanoparticles embedded into graphene oxide functionalized with caffeic acid as a potential drug delivery system: New insight into cancer therapy. International Journal of Biological Macromolecules, 2022, 222, 295-304.	3.6	17
2464	Carboxymethylated polysaccharides in drug delivery. , 2023, , 63-81.		1
2465	Multifaceted Role of Phyto-assisted Selenium Nanoparticles (SeNPs) in BiomedicalÂand Human Therapeutics. , 2022, , 437-458.		1
2466	Surface-modified nanotherapeutics targeting atherosclerosis. Biomaterials Science, 2022, 10, 5459-5471.	2.6	6
2467	Targeted delivery of nanomedicines for promoting vascular regeneration in ischemic diseases. Theranostics, 2022, 12, 6223-6241.	4.6	9
2468	Intelligent hydrogels and their biomedical applications. Materials Advances, 2022, 3, 7757-7772.	2.6	9
2469	Applications of nanotechnology in lung cancer. , 2022, , 329-343.		1
2470	Fabrication of Textile-Based Scaffolds Using Electrospun Nanofibers for Biomedical Applications. Advances in Polymer Science, 2022, , .	0.4	1
2471	Trifunctional fluorescent manganese ferrite nanoparticles for hyperthermia therapy, cell probing and drug delivery. 40pen, 2022, 5, 17.	0.1	0
2472	Polymeric micellar nanomedicine for enhanced permeability and retention effect–based tumor-targeted delivery. , 2022, , 65-87.		0
2473	Preparation, characterization and application of docetaxel-loaded methoxy polyethylene glycol-octacosanol micelles for breast cancer therapy. Materials Express, 2022, 12, 592-598.	0.2	0
2474	Hybrid Membrane-Derived Nanoparticles for Isoliquiritin Enhanced Glioma Therapy. Pharmaceuticals, 2022, 15, 1059.	1.7	13
2475	Nanocarriers for intracellular co-delivery of proteins and small-molecule drugs for cancer therapy. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	9

#	Article	IF	CITATIONS
2476	Solvent Controls Nanoparticle Size during Nanoprecipitation by Limiting Block Copolymer Assembly. Macromolecules, 2022, 55, 8040-8048.	2.2	9
2477	An overview of the role of metallic and nonmetallic nanoparticles and their salts during sperm cryopreservation and <i>in vitro</i> embryo manipulation. Nucleosides, Nucleotides and Nucleic Acids, 2023, 42, 262-279.	0.4	1
2478	Potential of Dual Drug Delivery Systems: MOF as Hybrid Nanocarrier for Dual Drug Delivery in Cancer Treatment. ChemistrySelect, 2022, 7, .	0.7	10
2479	Influence of sugar concentration on the vesicle compactness, deformation and membrane poration induced by anionic nanoparticles. PLoS ONE, 2022, 17, e0275478.	1.1	5
2480	Lipid Nanoparticles as Delivery Vehicles for Inhaled Therapeutics. Biomedicines, 2022, 10, 2179.	1.4	34
2481	Knowledge, Attitude and Practice of the use of Nanoparticles in the Treatment of Oral Cancer Patients. Emirates Medical Journal, 2022, 03, .	0.3	0
2482	Cytotoxic activity and DNA fragmentation study of nano structured assemblies of copper sulfide nanoparticles using single route molecular precursor source of copper. Digest Journal of Nanomaterials and Biostructures, 2022, 17, 1011-1028.	0.3	0
2483	Catalytic nanomedicine: a brief review of bionanocatalysts. Nanomedicine, 2022, 17, 1131-1156.	1.7	5
2484	Targeting Nanotechnology and Nutraceuticals in Obesity: An Updated Approach. Current Pharmaceutical Design, 2022, 28, 3269-3288.	0.9	3
2485	A Revision of Polymeric Nanoparticles as a Strategy to Improve the Biological Activity of Melatonin. Current Medicinal Chemistry, 2023, 30, 3315-3334.	1.2	0
2486	Development of chitosan, pullulan, and alginate based drug-loaded nano-emulsions as a potential malignant melanoma delivery platform. Carbohydrate Polymer Technologies and Applications, 2022, 4, 100250.	1.6	4
2487	Carbon-Based Nanomaterials for Targeted Drug and Gene Delivery Systems. Nanotechnology in the Life Sciences, 2022, , 455-488.	0.4	1
2488	Polymeric Micelles for Targeted Drug Delivery Systems. Nanotechnology in the Life Sciences, 2022, , 521-559.	0.4	0
2489	Engineered multifunctional nanocarriers for controlled drug delivery in tumor immunotherapy. Frontiers in Oncology, 0, 12, .	1.3	4
2490	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
2491	Covalent Organic Framework (C6N6) as a Drug Delivery Platform for Fluorouracil to Treat Cancerous Cells: A DFT Study. Materials, 2022, 15, 7425.	1.3	15
2492	Red Blood Cell Membrane-Camouflaged Gold Nanoparticles for Treatment of Melanoma. Journal of Oncology, 2022, 2022, 1-11.	0.6	3
2493	Therapeutic potential of targeting mirnas to prostate cancer tumors: using psma as an active target. Molecular and Cellular Oncology, 2022, 9, .	0.3	0

#	Article	IF	CITATIONS
2494	Bacterial Cellulose for Drug Delivery: Current Status and Opportunities. Indian Institute of Metals Series, 2023, , 137-157.	0.2	0
2495	Advancing immune checkpoint blockade in colorectal cancer therapy with nanotechnology. Frontiers in Immunology, 0, 13, .	2.2	2
2497	DFT study of therapeutic potential of graphitic carbon nitride as a carrier for controlled release of melphalan: an anticancer drug. Journal of Molecular Modeling, 2022, 28, .	0.8	3
2498	Streptomyces thinghirensis sp. nov. as a promising path for green synthesis of silver nanoparticles: High eradication of multidrug-resistant bacteria and catalytic activity. Journal of Environmental Chemical Engineering, 2022, 10, 108889.	3.3	4
2499	Nanomaterials as an alternative to increase plant resistance to abiotic stresses. Frontiers in Plant Science, 0, 13, .	1.7	9
2500	Nanomaterials in diagnostics, imaging and delivery: Applications from COVID-19 to cancer. MRS Communications, 2022, 12, 1119-1139.	0.8	8
2501	Role of Nanotechnology in Overcoming the Multidrug Resistance in Cancer Therapy: A Review. Molecules, 2022, 27, 6608.	1.7	7
2502	Current perspectives and trend of nanomedicine in cancer: A review and bibliometric analysis. Journal of Controlled Release, 2022, 352, 211-241.	4.8	40
2504	Review on IPR and Technological Advancements in Nanotechnology for Nanomedicine. , 2023, , 1-17.		0
2505	Dextran Nanocapsules with ω-3 in Their Nucleus: An Innovative Nanosystem for Imiquimod Transdermal Delivery. Pharmaceutics, 2022, 14, 2445.	2.0	0
2506	Advances in the antimicrobial treatment of osteomyelitis. Composites Part B: Engineering, 2023, 249, 110428.	5.9	13
2507	Nanotechnology as a tool to overcome macromolecules delivery issues. Colloids and Surfaces B: Biointerfaces, 2023, 222, 113043.	2.5	11
2508	Understanding the rod-to-tube transformation of self-assembled ascorbyl dipalmitate lipid nanoparticles stabilized with PEGylated lipids. Nanoscale, 2023, 15, 2602-2613.	2.8	1
2509	Recent advances in nanomedicines for imaging and therapy of myocardial ischemia-reperfusion injury. Journal of Controlled Release, 2023, 353, 563-590.	4.8	11
2510	Health Issues and Risk Assessment of Nanomaterial. , 2022, , 1-27.		0
2512	Engineering core-shell mesoporous silica and Fe ₃ O ₄ @Au nanosystems for targeted cancer therapeutics: a review. Biotechnology and Genetic Engineering Reviews, 0, , 1-29.	2.4	3
2513	Effect of Adding Silver Nanoparticles on the Flexural Strength of Feldspathic Porcelain. Journal of Contemporary Dental Practice, 2022, 23, 793-800.	0.2	0
2514	SYNTHESIS OF LUMINESCENT THERANOSTIC NANOCOMPLEXES BASED ON UPCOVERSION NANOPARTICLES AND RECOMBINANT PROTEINS. , 2022, 7, 628-633.		0

ARTICLE IF CITATIONS # Cutting-Edge Developments in Oncology Research. Indian Journal of Medical and Paediatric Oncology, 2515 0.1 0 2022, 43, 451-457. Delivery of costimulatory blockade to lymph nodes promotes transplant acceptance in mice. Journal of Clinical Investigation, 2022, 132, . Recent advances in developing active targeting and multi-functional drug delivery systems via 2517 7.1 30 bioorthogonal chemistry. Signal Transduction and Targeted Therapy, 2022, 7, . Encapsulation and Delivery of an Osteosarcoma Stem Cell Active Gallium(III)â€Diflunisal Complex Using Polymeric Micelles. ChemMedChem, 2023, 18, . Nanoprobe Based on Biominerals in Protein Corona for Dual-Modality MR Imaging and Therapy of 2519 7.3 14 Tumors. ACS Nano, 2023, 17, 184-196. Polymeric Micelles for Targeted Drug Delivery System. Applied Biochemistry and Microbiology, 2022, 2520 0.3 58, 726-737. Nanomaterial-mediated photoporation for intracellular delivery. Acta Biomaterialia, 2023, 157, 24-48. 2521 4.1 7 Targeting hypoxia-inducible factors for breast cancer therapy: A narrative review. Frontiers in 1.6 Pharmacology, 0, 13, . Latest advances in biomimetic nanomaterials for diagnosis and treatment of cardiovascular disease. 2523 3 1.1 Frontiers in Cardiovascular Medicine, 0, 9, . Smart Biomaterials for Articular Cartilage Repair and Regeneration. Advanced Functional Materials, 2524 7.8 2023, 33, . Plant salt response: Perception, signaling, and tolerance. Frontiers in Plant Science, 0, 13, . 2525 1.7 28 Review on IPR and Technological Advancements in Nanotechnology for Nanomedicine., 2023, , 1-18. 2526 Synthesis of Se nanoclusters via Ostwald ripening process: in vitro antibacterial and antioxidant 2527 3.2 1 activity. Emergent Materials, 2023, 6, 185-195. Optical and Electrical Properties of Low-Dimensional Crystalline Materials: A Review. Crystals, 2023, 2528 1.0 13, 108. Nanomedicine for renal cell carcinoma: imaging, treatment and beyond. Journal of 2529 4.2 4 Nanobiotechnology, 2023, 21, . Composites Based on Chitosan and Inorganic Materials for Biomedical Applications. Engineering Materials, 2023, , 119-139. Trend in biodegradable porous nanomaterials for a<scp>nticancer</scp> drug delivery. Wiley 2531 3.3 6 Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2023, 15, . Synthesis of Cellulose Nanoparticles from Ionic Liquid Solutions for Biomedical Applications. Polymers, 2023, 15, 382.

# 2533	ARTICLE Studying Ga and Ge-doped AlP nanotube as a drug carrier for ciclopirox anticancer drug using DFT. Computational and Theoretical Chemistry, 2023, 1221, 114025.	IF 1.1	CITATIONS
2534	Nanovesicles based drug targeting to control tumor growth and metastasis. Advances in Cancer Biology Metastasis, 2023, 7, 100083.	1.1	3
2535	Engineering magnetic nano-manipulators for boosting cancer immunotherapy. Journal of Nanobiotechnology, 2022, 20, .	4.2	9
2536	Nanoscale Topical Pharmacotherapy in Management of Psoriasis: Contemporary Research and Scope. Journal of Functional Biomaterials, 2023, 14, 19.	1.8	4
2537	Application of polymer nanocomposites in biomedicine. , 2023, , 413-433.		1
2538	Aptamer-functionalized PLGA nanoparticles for targeted cancer therapy. , 2023, , 219-235.		0
2539	Carbon quantum dots: An overview and potential applications in terahertz domain. , 2023, , 397-421.		0
2540	Scanning Electron-Raman Cryomicroscopy for Characterization of Nanoparticle-Albumin Drug Products. Analytical Chemistry, 2023, 95, 2633-2638.	3.2	0
2541	Theranostic applications of functionalized carbon nanotubes. , 2023, , 255-294.		0
2542	Freeze Drying of Polymer Nanoparticles and Liposomes Exploiting Different Saccharide-Based Approaches. Materials, 2023, 16, 1212.	1.3	4
2543	Recent advances in mixing-induced nanoprecipitation: from creating complex nanostructures to emerging applications beyond biomedicine. Nanoscale, 2023, 15, 3594-3609.	2.8	9
2544	Carbon dots: biomedical applications. , 2023, , 225-237.		0
2545	An evolving perspective on novel modified release drug delivery systems for inhalational therapy. Expert Opinion on Drug Delivery, 2023, 20, 335-348.	2.4	3
2546	Nanotechnologies to deliver drugs through the blood–brain and blood–retinal barriers. , 2023, , 45-64.		0
2547	Silk sericin-based biomaterials shine in food and pharmaceutical industries. Smart Materials in Medicine, 2023, 4, 447-459.	3.7	14
2548	Harnessing sortase A transpeptidation for advanced targeted therapeutics and vaccine engineering. Biotechnology Advances, 2023, 64, 108108.	6.0	4
2549	Materials-based nanotherapeutics for injured and diseased bone. Progress in Materials Science, 2023, 135, 101087.	16.0	11
2550	Design and control of nanorobots and nanomachines in drug delivery and diagnosis. , 2023, , 371-394.		0

#	Article	IF	CITATIONS
2551	Hybrid PLGA nanoparticles as advanced drug delivery and theranostic applications. , 2023, , 417-431.		1
2552	Repolarization of macrophages to improve sorafenib sensitivity for combination cancer therapy. Acta Biomaterialia, 2023, 162, 98-109.	4.1	5
2553	Feasibility of Coacervate-Like Nanostructure for Instant Drug Nanoformulation. ACS Applied Materials & Interfaces, 2023, 15, 17485-17494.	4.0	0
2554	Fisetin-loaded grape-derived nanoparticles improve anticancer efficacy in MOLT-4 cells. Biochemical and Biophysical Research Communications, 2023, 658, 69-79.	1.0	2
2555	Controlled supramolecular interactions for targeted release of Amiodarone drug through Graphyne to treat cardiovascular diseases: An in silico study. Journal of Molecular Graphics and Modelling, 2023, 121, 108452.	1.3	2
2556	Application of Nanotechnology for Diagnosis and Drug Delivery in Atherosclerosis: A New Horizon of Treatment. Current Problems in Cardiology, 2023, 48, 101671.	1.1	3
2557	Copper decorated graphyne as a promising nanocarrier for cisplatin anti-cancer drug: A DFT study. Applied Surface Science, 2023, 622, 156885.	3.1	4
2558	Comparison of myconanoparticles and myconanoemulsion incorporated biomaterials in controlling multidrug-resistant bacterial pathogens. Journal of Environmental Chemical Engineering, 2023, 11, 109672.	3.3	1
2559	Preparation of polymersomes from synthesized hyaluronic acid-graft-poly(ε-caprolactone) copolymers for drug delivery to the brain. Materials Today Chemistry, 2023, 30, 101504.	1.7	2
2560	Simulation of AOT reverse micelles with polyethylenimine in hexane. Colloid and Polymer Science, 2023, 301, 283-291.	1.0	0
2561	Nanoparticles for Drug and Gene Delivery in Pediatric Brain Tumors' Cancer Stem Cells: Current Knowledge and Future Perspectives. Pharmaceutics, 2023, 15, 505.		7
2563	Synthesis and Application of Novel Nanomagnetic Catalyst Fe3O4@SiO2@Pr–Gu–Cr–COOH in the Green Multi-component Synthesis of 1-(Benzothiazolylamino)methyl-2-naphthol. Journal of Inorganic and Organometallic Polymers and Materials, 2023, 33, 1028-1036.	1.9	2
2564	Oral empagliflozin-loaded tri-layer core-sheath fibers fabricated using tri-axial electrospinning: Enhanced in vitro and in vivo antidiabetic performance. International Journal of Pharmaceutics, 2023, 635, 122716.	2.6	15
2565	Oxidized-Multiwalled Carbon Nanotubes as Non-Toxic Nanocarriers for Hydroxytyrosol Delivery in Cells. Nanomaterials, 2023, 13, 714.	1.9	4
2566	Preparation of pH-sensitive chitosan-deoxycholic acid-sodium alginate nanoparticles loaded with ginsenoside Rb1 and its controlled release mechanism. International Journal of Biological Macromolecules, 2023, 234, 123736.	3.6	0
2567	Genetically engineered cellular nanoparticles for biomedical applications. Biomaterials, 2023, 296, 122065.	5.7	9
2568	Peptide Self-Assembled Nanocarriers for Cancer Drug Delivery. Journal of Physical Chemistry B, 2023, 127, 1857-1871.	1.2	15
2569	Metal-decorated Î ³ -graphyne as a drug transporting agent for the mercaptopurine chemotherapy drug: a DFT study. Physical Chemistry Chemical Physics, 2023, 25, 9461-9471.	1.3	4

#	Article		CITATIONS
2570	Application of polymer materials in targeting glioma. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, .	0.9	0
2571	Introducing a New Type of Drug Delivery System Based on the Silicon Carbide Monolayer. Silicon, 0, , .	1.8	0
2572	Bibliometric mapping of solid lipid nanoparticles research (2012–2022) using VOSviewer. Medicine in Novel Technology and Devices, 2023, 17, 100217.	0.9	6
2573	Radiolabeled nanomaterial for cancer diagnostics and therapeutics: principles and concepts. Cancer Nanotechnology, 2023, 14, .	1.9	18
2574	MPEG-phenylboronic acid modified doxorubicin as the efficient pathological pH-responsive nanoplatform for potential anti-cancer delivery. Macromolecular Research, 2023, 31, 181-191.	1.0	1
2575	Dual-modality and Noninvasive Diagnostic of MNP–PEG–Mn Nanoprobe for Renal Fibrosis Based on Photoacoustic and Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2023, 15, 12797-12808.	4.0	7
2577	Targeted Nanocarriers-based Approach For Prostate Cancer Therapy. , 2023, , 133-162.		0
2578	Nanodrug delivery systems for metabolic chronic liver diseases: advances and perspectives. Nanomedicine, 2023, 18, 67-84.	1.7	4
2579	Intraocular nano-microscale drug delivery systems for glaucoma treatment: design strategies and recent progress. Journal of Nanobiotechnology, 2023, 21, .	4.2	6
2580	Comparative study on the performance of monoolein cubic nanoparticles and trimyristin solid lipid nanoparticles as carriers for docetaxel. Pharmaceutical Development and Technology, 2023, 28, 277-287.	1.1	2
2581	Potential socioeconomic approaches for commercialized antimicrobial applications. , 2023, , 365-401.		0
2582	Vaginal Drug Delivery Systems to Control Microbe-Associated Infections. ACS Applied Bio Materials, 2023, 6, 3504-3515.	2.3	2
2583	Prospects of Using Protein Engineering for Selective Drug Delivery into a Specific Compartment of Target Cells. Pharmaceutics, 2023, 15, 987.	2.0	1
2584	Recent Advancements on Selfâ€Immolative System Based on Dynamic Covalent Bonds for Delivering Heterogeneous Payloads. Advanced Healthcare Materials, 2023, 12, .	3.9	4
2585	Synthesis of iron-based nanoparticles by chemical methods and their biomedical applications. , 2023, , 167-195.		1
2586	Graphene and graphene oxide-based nanocomposites for theranostic applications. , 2023, , 103-135.		0
2587	Recent Advances in Nano-Drug Delivery Systems for the Treatment of Diabetic Wound Healing. International Journal of Nanomedicine, 0, Volume 18, 1537-1560.	3.3	10
2588	Controlling Morphologies of Redoxâ€Responsive Polymeric Nanocarriers for a Smart Drug Delivery System. Chemistry - A European Journal, 2023, 29, .	1.7	3

#	Article	IF	CITATIONS
2589	Effects of PEG-Linker Chain Length of Folate-Linked Liposomal Formulations on Targeting Ability and Antitumor Activity of Encapsulated Drug. International Journal of Nanomedicine, 0, Volume 18, 1615-1630.	3.3	3
2590	Metadynamics simulations for the investigation of drug loading on functionalized inorganic nanoparticles. Nanoscale, 0, , .	2.8	2
2591	Controlled and Targeted Drug Delivery Using Smart Nanovectors. , 0, , 84-90.		0
2592	Application of nanomaterials in the treatment of intracerebral hemorrhage. Journal of Tissue Engineering, 2023, 14, 204173142311570.	2.3	2
2593	Impact of zein and ligninâ€PLGA biopolymer nanoparticles used as pesticide nanocarriers on soybean growth and yield under field conditions. , 2023, 6, .		1
2594	Toxicological and Regulatory Challenges in Design and Development of Polymeric Micelles. , 2023, , 267-275.		1
2595	Multifunctional nanomedicines-enabled chemodynamic-synergized multimodal tumor therapy via Fenton and Fenton-like reactions. Theranostics, 2023, 13, 1974-2014.	4.6	16
2596	Effect of Poly(Vinyl Alcohol) Concentration and Chain Length on Polymer Nanogel Formation in Aqueous Dispersion Polymerization. Molecules, 2023, 28, 3493.	1.7	1
2597	DOX-loaded mesoporous hydroxyapatite modified by hyaluronic acid can achieve efficient targeted therapy for lung cancer. Journal of Drug Targeting, 2023, 31, 612-622.	2.1	0
2598	Integrated Cardiomyocyte-Based Biosensing Platform for Electroporation-Triggered Intracellular Recording in Parallel with Delivery Efficiency Evaluation. Nano Letters, 2023, 23, 4049-4057.	4.5	5
2599	Microfluidics as a Tool for the Synthesis of Advanced Drug Delivery Systems. Advanced Clinical PharmacyÂ- Research, Development and Practical Applications, 2023, , 321-364.	0.0	0
2603	Health Issues and Risk Assessment of Nanomaterials. , 2023, , 2553-2579.		0
2607	Advanced Nanomaterials in Biomedicine: Benefits and Challenges. Environmental Contamination Remediation and Management, 2023, , 263-278.	0.5	0
2610	Magnetic nanoferrites as an alternative for magnetic resonance imaging application. , 2023, , 237-256.		0
2618	Application of Nanotechnology-Based Products in Stroke. ACS Chemical Neuroscience, 2023, 14, 2405-2415.	1.7	5
2619	Nanotechnological biorefining of lignins and their applications. , 2023, , 291-305.		0
2631	A review on nanoparticles: Smart particles for cancer therapy. AIP Conference Proceedings, 2023, , .	0.3	0
2633	Smart Nanocarrier-Based Cancer Therapeutics. Cancer Treatment and Research, 2023, , 207-235.	0.2	Ο

		CITATION REPORT		
#	Article		IF	CITATIONS
2634	Impacts of Nanotechnology. Advances in Digital Crime, Forensics, and Cyber Terrorism	, 2023, , 10-27.	0.4	0
2641	Drug targeting to cancer cells through stimuli-responsive imine bonds: fascinating aspessecificity. , 2023, , 207-224.	ects of site		0
2646	Increasing Trend of Silver Nanoparticles as Antibacterial and Anticancer Agent. , 0, , .			0
2647	Applications of nanostructures. , 2023, , 201-238.			0
2648	Nanotechnology in age-related macular degeneration. , 2023, , 275-284.			0
2650	Cancer Stem Cell Therapeutic Delivery and EPR Effect. , 2023, , 221-235.			0
2666	General justification in terms of effectiveness and toxicities for the use of nanocarriers. Nanoparticle Research, 2023, 25, .	Journal of	0.8	0
2673	Application of Carbonaceous Quantum Dots in Biomedical. , 2023, , 78-93.			0
2674	Potential of nanostructured lipid carriers in oral delivery of the poorly soluble drugs. Jou Nanoparticle Research, 2023, 25, .	urnal of	0.8	2
2679	â€~Passive' nanoparticles for organ-selective systemic delivery: design, mechanism Chemical Society Reviews, 2023, 52, 7579-7601.	and perspective.	18.7	5
2681	Advances in nanotechnology-based anti-VEGF agents for the management of ocular an 2023, , 247-262.	giogenesis. ,		0
2686	Progress of cell membrane-derived biomimetic nanovesicles for cancer phototherapy. E Science, 0, , .	liomaterials	2.6	0
2690	Nanoparticles for Targeted Drug Delivery Systems with Cancer Therapy in Perspective.	, 2023, , 313-334.		0
2692	Distance Estimation Based on the Triple-spike Transmission in Diffusion-based Molecula Communication Systems. , 2023, , .	ar		0
2695	Cancer Therapeutics: Mechanism of Action, Radiation Toxicity, and Drug Formulation. ,	2023, , 185-200.		0
2697	Recent Trends in the Application of Materials for Cancer Therapy and Diagnosis. , 2023	, , 305-364.		0
2701	Applications and advancements of nanoparticle-based drug delivery in alleviating lung chronic obstructive pulmonary disease. Naunyn-Schmiedeberg's Archives of Pharmacol	cancer and ogy, 0, , .	1.4	7
2712	Advances of nanoparticles in transmucosal drug delivery. Nano Research, O, , .		5.8	0

#	Article	IF	CITATIONS
2714	Applications of Nanotechnology in Dentistry and Cosmetic Industry. , 2023, , 189-220.		0
2722	Cell membrane-coated biomimetic nanomedicines: productive cancer theranostic tools. Biomaterials Science, 2024, 12, 863-895.	2.6	0
2727	Polyphenol-Loaded Nano-carriers for Breast Cancer Therapy: A Comprehensive Review. BioNanoScience, 0, , .	1.5	0
2729	Nanomedicines in the Treatment of Nervous System Disorders. Learning Materials in Biosciences, 2023, , 151-182.	0.2	0
2731	Nanocarriers-Based Products in the Market, FDA Approval, Commercialization of Nanocarriers, and Global Market. , 2023, , 137-148.		0
2732	Nanoparticles for drug delivery in cancer therapy. , 2024, , 451-458.		0
2733	Pulmonary Delivery of Nucleic Acids. AAPS Introductions in the Pharmaceutical Sciences, 2023, , 93-122.	0.1	0
2735	Applications of nanoceramics in the biomedical industry. , 2024, , 127-141.		0
2736	Exosomes-based nanomedicines for cancer immunotherapy. , 2024, , 175-205.		0
2742	Essential Considerations for Brain Delivery of Nanoformulations. , 2023, , 251-269.		0
2746	Role of Nanoparticles and Nanotherapeutics in the Diagnosis of Serious Zoonotic and Neurological Diseases. , 2023, , 115-133.		0