

Multifunctional, stimuli-sensitive nanoparticulate systems

Nature Reviews Drug Discovery

13, 813-827

DOI: [10.1038/nrd4333](https://doi.org/10.1038/nrd4333)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Switchable Lipids: Conformational Change for Fast pH-Triggered Cytoplasmic Delivery. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12743-12747.	7.2	69
2	Size Changeable Nanocarriers with Nuclear Targeting for Effectively Overcoming Multidrug Resistance in Cancer Therapy. <i>Advanced Materials</i> , 2015, 27, 6450-6456.	11.1	209
3	Shell Cross-Linked Polymeric Micelles as Camptothecin Nanocarriers for Anti-HCV Therapy. <i>Macromolecular Bioscience</i> , 2015, 15, 1381-1391.	2.1	23
4	Design and Characterization of a Multifunctional pH-Triggered Peptide C8 for Selective Anticancer Activity. <i>Advanced Healthcare Materials</i> , 2015, 4, 2709-2718.	3.9	23
6	Nanotechnology-Based Drug Delivery Systems for Melanoma Antitumoral Therapy: A Review. <i>BioMed Research International</i> , 2015, 2015, 1-22.	0.9	60
7	Application of Berberine on Treating Type 2 Diabetes Mellitus. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-12.	0.6	179
8	Functionalized O-carboxymethyl-chitosan/polyethylenimine based novel dual pH-responsive nanocarriers for controlled co-delivery of DOX and genes. <i>Polymer Chemistry</i> , 2015, 6, 3324-3335.	1.9	26
9	Mitochondria apoptosis pathway synergistically activated by hierarchical targeted nanoparticles co-delivering siRNA and lonidamine. <i>Biomaterials</i> , 2015, 61, 178-189.	5.7	94
10	Facile construction of dual-bioresponsive biodegradable micelles with superior extracellular stability and activated intracellular drug release. <i>Journal of Controlled Release</i> , 2015, 210, 125-133.	4.8	84
11	New Developments in Liposomal Drug Delivery. <i>Chemical Reviews</i> , 2015, 115, 10938-10966.	23.0	1,183
12	Hydrogel formed by the co-assembly of sodium laurate and silica nanoparticles. <i>RSC Advances</i> , 2015, 5, 106005-106011.	1.7	6
13	One step preparation of quantum dot-embedded lipid nanovesicles by a microfluidic device. <i>RSC Advances</i> , 2015, 5, 98576-98582.	1.7	9
14	Effect of main chain conformation on thermosensitivity in elastin-like peptide-grafted polylysine. <i>RSC Advances</i> , 2015, 5, 104900-104906.	1.7	8
15	Biological stimuli-responsive cyclodextrin-based host-guest nanosystems for cancer therapy. <i>International Journal of Pharmaceutics</i> , 2015, 483, 63-68.	2.6	44
16	Reduction-Sensitive Amphiphilic Triblock Copolymers Self-Assemble Into Stimuli-Responsive Micelles for Drug Delivery. <i>Macromolecular Bioscience</i> , 2015, 15, 481-489.	2.1	18
17	Combination delivery of Adjuvin and Doxorubicin via integrating drug conjugation and nanocarrier approaches for the treatment of drug-resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1556-1564.	2.9	55
18	Anticancer drug nanomicelles formed by self-assembling amphiphilic dendrimer to combat cancer drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2978-2983.	3.3	318
19	Polymersomes Prepared from Thermoresponsive Fluorescent Protein-Polymer Bioconjugates: Capture of and Report on Drug and Protein Payloads. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5317-5322.	7.2	93

#	ARTICLE	IF	CITATIONS
20	An injectable drug-loaded hydrogel based on a supramolecular polymeric prodrug. <i>Chemical Communications</i> , 2015, 51, 14644-14647.	2.2	77
21	Iron Oxide Based Nanoparticles for Multimodal Imaging and Magneto-responsive Therapy. <i>Chemical Reviews</i> , 2015, 115, 10637-10689.	23.0	827
22	Stimuli-Sensitive Liposomes. <i>Behavior Research Methods</i> , 2015, 22, 1-41.	2.3	8
23	A tumor-penetrating peptide enhances circulation-independent targeting of peritoneal carcinomatosis. <i>Journal of Controlled Release</i> , 2015, 212, 59-69.	4.8	62
24	Reversion of multidrug resistance by a pH-responsive cyclodextrin-derived nanomedicine in drug resistant cancer cells. <i>Biomaterials</i> , 2015, 67, 169-182.	5.7	50
25	Dual-Stage Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 2961-2971.	7.8	205
26	Trigger responsive polymeric nanocarriers for cancer therapy. <i>Biomaterials Science</i> , 2015, 3, 955-987.	2.6	117
28	Design attributes of long-circulating polymeric drug delivery vehicles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 304-317.	2.0	49
29	Nanostructured Amphiphilic Star-Hyperbranched Block Copolymers for Drug Delivery. <i>Langmuir</i> , 2015, 31, 4542-4551.	1.6	60
30	Glycodendrimersomes from Sequence-Defined Janus Glycodendrimers Reveal High Activity and Sensor Capacity for the Agglutination by Natural Variants of Human Lectins. <i>Journal of the American Chemical Society</i> , 2015, 137, 13334-13344.	6.6	87
31	Enhanced Intracellular Delivery and Tissue Retention of Nanoparticles by Mussel-Inspired Surface Chemistry. <i>Biomacromolecules</i> , 2015, 16, 3574-3583.	2.6	19
32	Biomimetic supramolecular designs for the controlled release of growth factors in bone regeneration. <i>Advanced Drug Delivery Reviews</i> , 2015, 94, 63-76.	6.6	80
33	Theranostic etoposide phosphate/indium nanoparticles for cancer therapy and imaging. <i>Nanoscale</i> , 2015, 7, 18542-18551.	2.8	16
34	A comprehensive study of interactions between lectins and glycoproteins for the development of effective theranostic nanoagents. <i>Doklady Biochemistry and Biophysics</i> , 2015, 464, 315-318.	0.3	14
35	Thermosensitive nanoplateforms for photothermal release of cargo from liposomes under intracellular temperature monitoring. <i>RSC Advances</i> , 2015, 5, 93530-93538.	1.7	14
36	Neutrophil-Mediated Delivery of Therapeutic Nanoparticles across Blood Vessel Barrier for Treatment of Inflammation and Infection. <i>ACS Nano</i> , 2015, 9, 11800-11811.	7.3	207
37	Comb-like poly( <i>l</i> -cysteine) derivatives with different side groups: synthesis via photochemistry and click chemistry, multi-responsive nanostructures, triggered drug release and cytotoxicity. <i>Polymer Chemistry</i> , 2015, 6, 6857-6869.	1.9	32
38	Choline Derivate-Modified Doxorubicin Loaded Micelle for Glioma Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21589-21601.	4.0	56

#	ARTICLE	IF	CITATIONS
39	Correction: Multifunctionalized polyurethaneâ€“polyurea nanoparticles: hydrophobically driven self-stratification at the o/w interface modulates encapsulation stability. Journal of Materials Chemistry B, 2015, 3, 8421-8421.	2.9	4
40	Design considerations for nanotherapeutics in oncology. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1893-1907.	1.7	208
41	Real-Time Drug Release Analysis of Enzyme and pH Responsive Polysaccharide Nanovesicles. Journal of Physical Chemistry B, 2015, 119, 10511-10523.	1.2	23
42	Multifunctionalized polyurethaneâ€“polyurea nanoparticles: hydrophobically driven self-stratification at the o/w interface modulates encapsulation stability. Journal of Materials Chemistry B, 2015, 3, 7604-7613.	2.9	15
43	Serum protein adsorption and excretion pathways of metal nanoparticles. Nanomedicine, 2015, 10, 2781-2794.	1.7	52
44	CPP-Based Delivery System for In Vivo Gene Delivery. Methods in Molecular Biology, 2015, 1324, 339-347.	0.4	7
45	Reactive oxygen species-activated nanomaterials as theranostic agents. Nanomedicine, 2015, 10, 2709-2723.	1.7	69
46	Therapeutic Applications of Curcumin Nanoformulations. AAPS Journal, 2015, 17, 1341-1356.	2.2	262
47	Cancer targeted therapeutics: From molecules to drug delivery vehicles. Journal of Controlled Release, 2015, 219, 632-643.	4.8	89
48	Recent advances in siRNA delivery. Biomolecular Concepts, 2015, 6, 321-341.	1.0	30
49	Improving drug delivery to solid tumors: Priming the tumor microenvironment. Journal of Controlled Release, 2015, 201, 78-89.	4.8	411
50	Enhanced transcellular penetration and drug delivery by crosslinked polymeric micelles into pancreatic multicellular tumor spheroids. Biomaterials Science, 2015, 3, 1085-1095.	2.6	88
51	Targeting in Cancer Therapies. Medical Sciences (Basel, Switzerland), 2016, 4, 6.	1.3	7
52	Lipid-based siRNA Delivery Systems: Challenges, Promises and Solutions Along the Long Journey. Current Pharmaceutical Biotechnology, 2016, 17, 728-740.	0.9	22
53	Engineering of stimuli-sensitive nanopreparations to overcome physiological barriers and cancer multidrug resistance. , 2016, , 1-28.		6
54	Manipulation and Immobilization of a Single Fluorescence Nanosensor for Selective Injection into Cells. Sensors, 2016, 16, 2041.	2.1	5
55	Targeting melanoma with immunoliposomes coupled to anti-MAGE A1 TCR-like single-chain antibody. International Journal of Nanomedicine, 2016, 11, 955.	3.3	27
56	A pH-Responsive Host-guest Nanosystem Loading Succinobucol Suppresses Lung Metastasis of Breast Cancer. Theranostics, 2016, 6, 435-445.	4.6	45

#	ARTICLE	IF	CITATIONS
58	The Smart Drug Delivery System and Its Clinical Potential. <i>Theranostics</i> , 2016, 6, 1306-1323.	4.6	718
59	Nanopreparations for skin cancer therapy. , 2016, , 1-28.		6
60	Current status and future prospects of nanobiomaterials in drug delivery. , 2016, , 147-170.		10
61	Lipid Nanovectors to Deliver RNA Oligonucleotides in Cancer. <i>Nanomaterials</i> , 2016, 6, 131.	1.9	31
62	Development of a bone-targeted pH-sensitive liposomal formulation containing doxorubicin: physicochemical characterization, cytotoxicity, and biodistribution evaluation in a mouse model of bone metastasis. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3737-3751.	3.3	31
63	Co-Assembly of Heparin and Polypeptide Hybrid Nanoparticles for Biomimetic Delivery and Anti-Thrombus Therapy. <i>Small</i> , 2016, 12, 4719-4725.	5.2	64
64	Challenges in carrier-mediated intracellular delivery: moving beyond endosomal barriers. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2016, 8, 465-478.	3.3	105
65	pH-Sensitive stimulus-responsive nanocarriers for targeted delivery of therapeutic agents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2016, 8, 696-716.	3.3	171
66	Nanoparticle Targeting of Neutrophils for Improved Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2016, 5, 1088-1093.	3.9	113
67	Polymeric nanoparticles: the future of nanomedicine. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2016, 8, 271-299.	3.3	328
68	Specialities of spectral-fluorescent behaviour of some red laser dyes in annealed silica xerogel. , 2016, , ,		1
69	Silicon Dioxide Impedes Antiviral Response and Causes Genotoxic Insult During Calicivirus Replication. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7720-7730.	0.9	7
70	Optical control of adhesion property of magnetic nanosensor using photochromism for effective manipulation and cell injection. , 2016, , ,		0
73	Polymer-Based and pH-Sensitive Nanobiosensors for Imaging and Therapy of Acidic Pathological Areas. <i>Pharmaceutical Research</i> , 2016, 33, 2358-2372.	1.7	18
74	Evaluation of the Toxicity and Antioxidant Activity of Redox Nanoparticles in Zebrafish ( <i>Danio</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2.3 48		
75	Biomimetic proteolipid vesicles for targeting inflamed tissues. <i>Nature Materials</i> , 2016, 15, 1037-1046.	13.3	327
76	Effect of gold nanoparticle shapes for phototherapy and drug delivery. <i>Polymer Chemistry</i> , 2016, 7, 2888-2903.	1.9	68
77	Chemical Components for the Design of Temperature-Responsive Vesicles as Cancer Therapeutics. <i>Chemical Reviews</i> , 2016, 116, 3883-3918.	23.0	132

#	ARTICLE	IF	CITATIONS
78	Enabling personalized cancer medicine decisions: The challenging pharmacological approach of PBPK models for nanomedicine and pharmacogenomics (Review). <i>Oncology Reports</i> , 2016, 35, 1891-1904.	1.2	22
79	Graphene quantum dots enhance anticancer activity of cisplatin via increasing its cellular and nuclear uptake. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1997-2006.	1.7	71
80	Synthesis of reductive responsive polyphosphazenes and their fabrication of nanocarriers for drug delivery application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 581-591.	1.8	15
81	Graphene-based nanosheets for delivery of chemotherapeutics and biological drugs. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 205-227.	6.6	170
82	Metal-free thermally-responsive pseudohybrid nanoparticles based on 2-hydroxypropyl- $\beta$ -cyclodextrin. <i>RSC Advances</i> , 2016, 6, 44113-44118.	1.7	3
83	Incorporation of VSV-G produces fusogenic plasma membrane vesicles capable of efficient transfer of bioactive macromolecules and mitochondria. <i>Biomedical Microdevices</i> , 2016, 18, 41.	1.4	9
84	Carrier-Free, Chemophotodynamic Dual Nanodrugs via Self-Assembly for Synergistic Antitumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13262-13269.	4.0	281
85	Responsive self-assembled nanostructured lipid systems for drug delivery and diagnostics. <i>Journal of Colloid and Interface Science</i> , 2016, 484, 320-339.	5.0	111
86	Micelles with Sheddable Dendritic Polyglycerol Sulfate Shells Show Extraordinary Tumor Targetability and Chemotherapy <i>in Vivo</i> . <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27530-27538.	4.0	36
87	On the prospect of clinical utilization of microRNAs as biomarkers or treatment of chronic pain. <i>Experimental Neurology</i> , 2016, 284, 63-66.	2.0	1
88	Mechanical Force-Triggered Drug Delivery. <i>Chemical Reviews</i> , 2016, 116, 12536-12563.	23.0	247
89	Controlled bone formation using ultrasound-triggered release of BMP-2 from liposomes. <i>Journal of Controlled Release</i> , 2016, 243, 99-108.	4.8	28
90	Highly Stable Fluorinated Nanocarriers with iRGD for Overcoming the Stability Dilemma and Enhancing Tumor Penetration in an Orthotopic Breast Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28468-28479.	4.0	34
91	In vitro and ex vivo strategies for intracellular delivery. <i>Nature</i> , 2016, 538, 183-192.	13.7	662
92	Assembly-Induced Thermogenesis of Gold Nanoparticles in the Presence of Alternating Magnetic Field for Controllable Drug Release of Hydrogel. <i>Advanced Materials</i> , 2016, 28, 10801-10808.	11.1	62
93	Inorganic Nanocarriers Overcoming Multidrug Resistance for Cancer Theranostics. <i>Advanced Science</i> , 2016, 3, 1600134.	5.6	107
94	New Generation Cadmium-Free Quantum Dots for Biophotonics and Nanomedicine. <i>Chemical Reviews</i> , 2016, 116, 12234-12327.	23.0	482
95	Stimuli-responsive single-chain polymeric nanoparticles towards the development of efficient drug delivery systems. <i>Polymer Chemistry</i> , 2016, 7, 6164-6169.	1.9	47

#	ARTICLE	IF	CITATIONS
96	Multistimuli-Responsive Bilirubin Nanoparticles for Anticancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10676-10680.	7.2	85
97	A Virus-Mimicking, Endosomolytic Liposomal System for Efficient, pH-Triggered Intracellular Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22457-22467.	4.0	21
98	Design of smart GE11-PLGA/PEG-PLGA blend nanoparticulate platforms for parenteral administration of hydrophilic macromolecular drugs: synthesis, preparation and in vitro/ex vivo characterization. <i>International Journal of Pharmaceutics</i> , 2016, 511, 1112-1123.	2.6	31
99	Nanoparticles with multiple properties for biomedical applications: A strategic guide. <i>Nano Today</i> , 2016, 11, 435-463.	6.2	149
100	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2016, 8, 15323-15339.	2.8	70
101	Nanoparticles in the clinic. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 10-29.	3.9	1,003
102	Elucidation of Exosome Migration Across the Blood-Brain Barrier Model In Vitro. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 509-529.	1.0	368
103	Modular Design and Facile Synthesis of Enzyme-Responsive Peptide-Linked Block Copolymers for Efficient Delivery of Doxorubicin. <i>Biomacromolecules</i> , 2016, 17, 3268-3276.	2.6	52
104	Robust, active tumor-targeting and fast bioresponsive anticancer nanotherapeutics based on natural endogenous materials. <i>Acta Biomaterialia</i> , 2016, 45, 223-233.	4.1	43
105	Robust, tumor-homing and redox-sensitive polymersomal doxorubicin: A superior alternative to Doxil and Caelyx?. <i>Journal of Controlled Release</i> , 2016, 239, 149-158.	4.8	92
106	One-Pot Synthesis of Diphenylalanine-Based Hybrid Nanospheres for Controllable pH- and GSH-Responsive Delivery of Drugs. <i>Chemistry of Materials</i> , 2016, 28, 6584-6590.	3.2	48
107	Preparation of pH-sensitive micelles from miktoarm star block copolymers by ATRP and their application as drug nanocarriers. <i>Reactive and Functional Polymers</i> , 2016, 107, 28-34.	2.0	23
108	Polymeric lipid vesicles with pH-responsive turning on/off membrane for programmed delivery of insulin in GI tract. <i>Drug Delivery</i> , 2016, 23, 3582-3593.	2.5	16
109	Cellular Delivery of RNA Nanoparticles. <i>ACS Combinatorial Science</i> , 2016, 18, 527-547.	3.8	47
110	Amphiphilic poly-N-vinylpyrrolidone nanoparticles: Cytotoxicity and acute toxicity study. <i>Food and Chemical Toxicology</i> , 2016, 96, 273-279.	1.8	26
111	Multistimuli-Responsive Bilirubin Nanoparticles for Anticancer Therapy. <i>Angewandte Chemie</i> , 2016, 128, 10834-10838.	1.6	5
112	Extracellular control of intracellular drug release for enhanced safety of anti-cancer chemotherapy. <i>Scientific Reports</i> , 2016, 6, 28596.	1.6	9
113	A novel photosensitizer: An l-glutamide lipid conjugate with improved properties for photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1476-1483.	1.6	5

#	ARTICLE	IF	CITATIONS
115	Endogenous Stimuli-responsive Nanocarriers for Drug Delivery. <i>Chemistry Letters</i> , 2016, 45, 242-249.	0.7	80
116	Anticancer nanoparticulate polymer-drug conjugate. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 277-296.	3.9	71
117	Lipid-based nanovesicles for nanomedicine. <i>Chemical Society Reviews</i> , 2016, 45, 6520-6545.	18.7	224
118	Nucleobase-Functionalized Supramolecular Micelles with Tunable Physical Properties for Efficient Controlled Drug Release. <i>Macromolecular Bioscience</i> , 2016, 16, 1415-1421.	2.1	23
119	Benzoic-Amine-Based Physiological-pH-Responsive Materials for Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2633-2641.	1.7	59
120	PDEAEMA-based pH-sensitive amphiphilic pentablock copolymers for controlled anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 68018-68027.	1.7	25
121	Fabrication of a Targeted Drug Delivery System from a Pillar[5]arene-Based Supramolecular Diblock Copolymeric Amphiphile for Effective Cancer Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 8999-9008.	7.8	115
122	Magnetic Mesoporous Nanocarriers for Drug Delivery with Improved Therapeutic Efficacy. <i>Advanced Functional Materials</i> , 2016, 26, 6601-6611.	7.8	28
123	Mixed Nanosized Polymeric Micelles as Promoter of Doxorubicin and miRNA-34a Co-Delivery Triggered by Dual Stimuli in Tumor Tissue. <i>Small</i> , 2016, 12, 4837-4848.	5.2	79
124	An amphiphilic graft copolymer-based nanoparticle platform for reduction-responsive anticancer and antimalarial drug delivery. <i>Nanoscale</i> , 2016, 8, 14858-14869.	2.8	33
125	Rapid injection of single magnetic nanobead into a specific living cell using laser-assisted injection. , 2016, , .		0
126	Tetraphenylethene-based highly emissive metallacage as a component of theranostic supramolecular nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13720-13725.	3.3	161
127	Novel multifunctional pH-sensitive nanoparticles loaded into microbubbles as drug delivery vehicles for enhanced tumor targeting. <i>Scientific Reports</i> , 2016, 6, 29321.	1.6	45
128	Theranostic barcoded nanoparticles for personalized cancer medicine. <i>Nature Communications</i> , 2016, 7, 13325.	5.8	111
129	Polymeric Nanoparticles as siRNA Drug Delivery System for Cancer Therapy: The Long Road to Therapeutic Efficiency. , 2016, , 503-540.		5
130	A Fluorinated Bola-Amphiphilic Dendrimer for On-Demand Delivery of siRNA, via Specific Response to Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2016, 26, 8594-8603.	7.8	56
131	Upper Critical Solution Temperature Polymer, Photothermal Agent, and Erythrocyte Membrane Coating: An Unexplored Recipe for Making Drug Carriers with Spatiotemporally Controlled Cargo Release. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 2127-2132.	2.6	33
132	Expanding the Cationic Polycarbonate Platform: Attachment of Sulfonium Moieties by Postpolymerization Ring Opening of Epoxides. <i>ACS Macro Letters</i> , 2016, 5, 1247-1252.	2.3	24



#	ARTICLE	IF	CITATIONS
133	Small Surfactant Concentration Differences Influence Adsorption of Human Serum Albumin on Polystyrene Nanoparticles. <i>Biomacromolecules</i> , 2016, 17, 3845-3851.	2.6	22
134	Functional magnetic porous silica for $T_1$ and $T_2$ dual-modal magnetic resonance imaging and pH-responsive drug delivery of basic drugs. <i>Nanotechnology</i> , 2016, 27, 485702.	1.3	14
135	Augmenting drug-carrier compatibility improves tumour nanotherapy efficacy. <i>Nature Communications</i> , 2016, 7, 11221.	5.8	111
136	Thermosensitive folic acid-targeted poly (ethylene-co-vinyl alcohol) hemisuccinate polymeric nanoparticles for delivery of epirubicin to breast cancer cells. <i>Iranian Polymer Journal (English)</i> Tj ETQq1 1 0.784314.rgBT /Overdock 10T		
137	Plasmonic/Magnetic Multifunctional nanoplatform for Cancer Theranostics. <i>Scientific Reports</i> , 2016, 6, 34874.	1.6	41
138	Nanomedicines for renal disease: current status and future applications. <i>Nature Reviews Nephrology</i> , 2016, 12, 738-753.	4.1	179
139	Construction of novel pH-sensitive hybrid micelles for enhanced extracellular stability and rapid intracellular drug release. <i>RSC Advances</i> , 2016, 6, 105957-105968.	1.7	5
140	Conjugate-SELEX: A High-throughput Screening of Thioaptamer-liposomal Nanoparticle Conjugates for Targeted Intracellular Delivery of Anticancer Drugs. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e382.	2.3	12
141	3D Imaging of Nanoparticle Distribution in Biological Tissue by Laser-Induced Breakdown Spectroscopy. <i>Scientific Reports</i> , 2016, 6, 29936.	1.6	89
142	Physical, Chemical, and Biological Structures based on ROS-sensitive Moieties that are Able to Respond to Oxidative Microenvironments. <i>Advanced Materials</i> , 2016, 28, 5553-5585.	11.1	187
143	Plasmonic, Targeted, and Dual Drugs-Loaded Polypeptide Composite Nanoparticles for Synergistic Cocktail Chemotherapy with Photothermal Therapy. <i>Biomacromolecules</i> , 2016, 17, 2489-2501.	2.6	47
144	Antibody drug conjugates. <i>Biotechnology Letters</i> , 2016, 38, 1655-1664.	1.1	46
145	Biologically Inspired Bio-Cyber Interface Architecture and Model for Internet of Bio-NanoThings Applications. <i>IEEE Transactions on Communications</i> , 2016, 64, 3444-3455.	4.9	34
146	Use of a non-covalent cell-penetrating peptide strategy to enhance the nasal delivery of interferon beta and its PEGylated form. <i>International Journal of Pharmaceutics</i> , 2016, 510, 304-310.	2.6	29
147	A pH-responsive nanocontainer based on hydrazone-bearing hollow silica nanoparticles for targeted tumor therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4594-4604.	2.9	33
148	Controllable Construction of Biocompatible Supramolecular Micelles and Vesicles by Water-Soluble Phosphate Pillar[5,6]arenes for Selective Anti-Cancer Drug Delivery. <i>Chemistry of Materials</i> , 2016, 28, 3778-3788.	3.2	119
149	Self-crosslinkable and intracellularly decrosslinkable biodegradable micellar nanoparticles: A robust, simple and multifunctional nanoplatform for high-efficiency targeted cancer chemotherapy. <i>Journal of Controlled Release</i> , 2016, 244, 326-335.	4.8	86
150	Glyco-Nanovesicles with Activatable Near-Infrared Probes for Real-Time Monitoring of Drug Release and Targeted Delivery. <i>Chemistry of Materials</i> , 2016, 28, 4501-4506.	3.2	64

#	ARTICLE	IF	CITATIONS
151	Precision nanomedicine in cancer: how far are we from personalization?. Expert Review of Precision Medicine and Drug Development, 2016, 1, 227-228.	0.4	3
152	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. Biomaterials, 2016, 102, 175-186.	5.7	25
153	Hyaluronic acid-shelled acid-activatable paclitaxel prodrug micelles effectively target and treat CD44-overexpressing human breast tumor xenografts in vivo. Biomaterials, 2016, 84, 250-261.	5.7	257
154	Cancer stem cells and personalized cancer nanomedicine. Nanomedicine, 2016, 11, 307-320.	1.7	27
155	Compound high-quality criteria: a new vision to guide the development of drugs, current situation. Drug Discovery Today, 2016, 21, 573-584.	3.2	32
156	“Eat me” imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 2-11.	6.6	39
157	Personalized medicine: the enabling role of nanotechnology. Nanomedicine, 2016, 11, 1-3.	1.7	62
158	Tumor microenvironment and intracellular signal-activated nanomaterials for anticancer drug delivery. Materials Today, 2016, 19, 274-283.	8.3	308
159	Smart micro/nanoparticles in stimulus-responsive drug/gene delivery systems. Chemical Society Reviews, 2016, 45, 1457-1501.	18.7	1,152
160	Generation and functional assessment of 3D multicellular spheroids in droplet based microfluidics platform. Lab on A Chip, 2016, 16, 497-505.	3.1	152
161	Taxane anticancer agents: a patent perspective. Expert Opinion on Therapeutic Patents, 2016, 26, 1-20.	2.4	162
162	Nanogels: An overview of properties, biomedical applications and obstacles to clinical translation. Journal of Controlled Release, 2016, 240, 109-126.	4.8	441
163	The impact of nanoparticle protein corona on cytotoxicity, immunotoxicity and target drug delivery. Nanomedicine, 2016, 11, 81-100.	1.7	499
164	Strategies for improving the intratumoral distribution of liposomal drugs in cancer therapy. Expert Opinion on Drug Delivery, 2016, 13, 873-889.	2.4	34
165	Toxicological properties of two fluorescent carbon quantum dots with onion ring morphology and their usefulness as bioimaging agents. RSC Advances, 2016, 6, 30611-30622.	1.7	4
166	Recent Advances in Immunoliposome-Based Cancer Therapy. Current Pharmacology Reports, 2016, 2, 129-141.	1.5	13
167	Near-infrared light-triggered thermochemotherapy of cancer using a polymer-gold nanorod conjugate. Nanotechnology, 2016, 27, 175102.	1.3	20
168	The effect of nanoparticle size on <i>in vivo</i> pharmacokinetics and cellular interaction. Nanomedicine, 2016, 11, 673-692.	1.7	1,197

#	ARTICLE	IF	CITATIONS
169	Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4164-4169.	3.3	617
170	Applicability and Limitations of Cell-Penetrating Peptides in Noncovalent Mucosal Drug or Carrier Delivery Systems. Journal of Pharmaceutical Sciences, 2016, 105, 747-753.	1.6	19
171	MMP-responsive theranostic nanoplatform based on mesoporous silica nanoparticles for tumor imaging and targeted drug delivery. Journal of Materials Chemistry B, 2016, 4, 1932-1940.	2.9	71
172	Stimuli-Responsive Codelivery of Oligonucleotides and Drugs by Self-Assembled Peptide Nanoparticles. Biomacromolecules, 2016, 17, 935-945.	2.6	38
173	Stimuli responsive charge-switchable lipids: Capture and release of nucleic acids. Chemistry and Physics of Lipids, 2016, 196, 52-60.	1.5	6
174	Elucidating the Mechanism of Silica Nanoparticle PEGylation Processes Using Fluorescence Correlation Spectroscopies. Chemistry of Materials, 2016, 28, 1537-1545.	3.2	76
175	An autoreduction method to prepare plasmonic gold-embedded polypeptide micelles for synergistic chemo-photothermal therapy. Journal of Materials Chemistry B, 2016, 4, 2142-2152.	2.9	20
176	Raman and DFT study of methimazole chemisorbed on gold colloidal nanoparticles. Physical Chemistry Chemical Physics, 2016, 18, 5974-5980.	1.3	31
177	Synthesis of linear and cyclic peptide-PEG-lipids for stabilization and targeting of cationic liposome-DNA complexes. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1618-1623.	1.0	32
178	Continuous-wave laser-assisted injection of single magnetic nanobeads into living cells. Sensors and Actuators B: Chemical, 2016, 230, 298-305.	4.0	12
179	Cellular uptake and intracellular degradation of poly(alkyl cyanoacrylate) nanoparticles. Journal of Nanobiotechnology, 2016, 14, 1.	4.2	119
180	Role of Aromatic Interactions in Temperature-Sensitive Amphiphilic Supramolecular Assemblies. Langmuir, 2016, 32, 2874-2881.	1.6	28
181	Langmuir monolayers and Differential Scanning Calorimetry for the study of the interactions between camptothecin drugs and biomembrane models. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 422-433.	1.4	15
182	The concept of bio-corona in modulating the toxicity of engineered nanomaterials (ENM). Toxicology and Applied Pharmacology, 2016, 299, 53-57.	1.3	61
183	Transforming Nanomedicines From Lab Scale Production to Novel Clinical Modality. Bioconjugate Chemistry, 2016, 27, 855-862.	1.8	67
184	Advancement in integrin facilitated drug delivery. Advanced Drug Delivery Reviews, 2016, 97, 111-143.	6.6	128
185	Revisiting nanoparticle technology for blood-brain barrier transport: Unfolding at the endothelial gate improves the fate of transferrin receptor-targeted liposomes. Journal of Controlled Release, 2016, 222, 32-46.	4.8	105
186	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. Langmuir, 2016, 32, 1241-1249.	1.6	42

#	ARTICLE	IF	CITATIONS
187	Polymeric Nanoparticles for Cancer Photodynamic Therapy. <i>Topics in Current Chemistry</i> , 2016, 370, 61-112.	4.0	38
188	Mimicking the Cell: Bio-Inspired Functions of Supramolecular Assemblies. <i>Chemical Reviews</i> , 2016, 116, 2023-2078.	23.0	254
189	Impact of high-frequency ultrasound on nanocomposite microcapsules: in silico and in situ visualization. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2389-2397.	1.3	32
190	Multifunctional all-in-one drug delivery systems for tumor targeting and sequential release of three different anti-tumor drugs. <i>Biomaterials</i> , 2016, 76, 399-407.	5.7	50
191	Some recent advances on liposomal and niosomal vesicular carriers. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 256-269.	1.4	23
192	Poly(ethylene glycol)-b-poly(lysine) copolymer bearing nitroaromatics for hypoxia-sensitive drug delivery. <i>Acta Biomaterialia</i> , 2016, 29, 261-270.	4.1	82
193	Stimuli-free programmable drug release for combination chemo-therapy. <i>Nanoscale</i> , 2016, 8, 12553-12559.	2.8	32
194	Stimuli-responsive polymersomes for cancer therapy. <i>Biomaterials Science</i> , 2016, 4, 55-69.	2.6	122
195	Differentiation of stem cells into insulin-producing cells under the influence of nanostructural polyoxometalates. <i>Journal of Applied Toxicology</i> , 2016, 36, 373-384.	1.4	13
196	The TWEAK receptor Fn14 is a potential cell surface portal for targeted delivery of glioblastoma therapeutics. <i>Oncogene</i> , 2016, 35, 2145-2155.	2.6	58
197	Particle-based technologies for osteoarthritis detection and therapy. <i>Drug Delivery and Translational Research</i> , 2016, 6, 132-147.	3.0	58
198	Peptide-drug conjugates as effective prodrug strategies for targeted delivery. <i>Advanced Drug Delivery Reviews</i> , 2017, 110-111, 112-126.	6.6	366
199	PET imaging of <sup>64</sup> Cu-DOTA-scFv-anti-PSMA lipid nanoparticles (LNPs): Enhanced tumor targeting over anti-PSMA scFv or untargeted LNPs. <i>Nuclear Medicine and Biology</i> , 2017, 47, 62-68.	0.3	29
200	SPIOs as Nano-Theranostics Agents. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , .	0.2	2
201	Self-assembly of green tea catechin derivatives in nanoparticles for oral lycopene delivery. <i>Journal of Controlled Release</i> , 2017, 248, 117-124.	4.8	71
202	Stability effect of cholesterol-poly(acrylic acid) in a stimuli-responsive polymer-liposome complex obtained from soybean lecithin for controlled drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 103-113.	2.5	14
203	Reduction- and thermo-sensitive core-cross-linked polypeptide hybrid micelles for triggered and intracellular drug release. <i>Polymer Chemistry</i> , 2017, 8, 1223-1232.	1.9	28
204	Dual-Responsive Bola-Type Supra-Amphiphile Constructed from Water-Soluble Pillar[5]arene and Naphthalimide-Containing Amphiphile for Intracellular Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4843-4850.	4.0	75

#	ARTICLE	IF	CITATIONS
205	Exogenous vitamin C boosts the antitumor efficacy of paclitaxel containing reduction-sensitive shell-sheddable micelles in vivo. <i>Journal of Controlled Release</i> , 2017, 250, 9-19.	4.8	32
206	A Polydopamine Nanoparticle-Knotted Poly(ethylene glycol) Hydrogel for On-Demand Drug Delivery and Chemo-photothermal Therapy. <i>Chemistry of Materials</i> , 2017, 29, 1370-1376.	3.2	182
207	Targeted glioma chemotherapy by cyclic RGD peptide-functionalized reversibly core-crosslinked multifunctional poly(ethylene glycol)-b-poly(L-lactide) micelles. <i>Acta Biomaterialia</i> , 2017, 50, 396-406.	4.1	97
208	Zoledronic Acid-Conjugated PLGA Ultrasmall Nanoparticle Loaded with Methotrexate as a Supercarrier for Bone-Targeted Drug Delivery. <i>AAPS PharmSciTech</i> , 2017, 18, 2227-2239.	1.5	10
209	Photosensitizer Decorated Red Blood Cells as an Ultrasensitive Light-Responsive Drug Delivery System. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5855-5863.	4.0	53
210	SPIOs as Nano-Theranostics Agents. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , 1-44.	0.2	3
211	Smuggling gold nanoparticles across cell types – A new role for exosomes in gene silencing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1389-1398.	1.7	46
212	Nanomedicine applied to cardiovascular diseases: latest developments. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2017, 11, 133-142.	1.0	56
213	Curcumin Nanotechnologies and Its Anticancer Activity. <i>Nutrition and Cancer</i> , 2017, 69, 381-393.	0.9	42
214	Biocompatible, Multiresponsive Nanogel Composites for Codelivery of Antiangiogenic and Chemotherapeutic Agents. <i>Chemistry of Materials</i> , 2017, 29, 2303-2313.	3.2	29
215	Novel biodegradable poly(gamma-glutamic acid)-amphotericin B complexes show promise as improved amphotericin B formulations. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1773-1783.	1.7	11
216	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 145-153.	3.8	67
217	Stimuli-responsive shell cross-linked micelles from amphiphilic four-arm star copolymers as potential nanocarriers for pH/redox-triggered anticancer drug release. <i>Polymer</i> , 2017, 114, 161-172.	1.8	56
218	Nanostructures based on ammonium-terminated amphiphilic Janus dendrimers as camptothecin carriers with antiviral activity. <i>European Polymer Journal</i> , 2017, 90, 136-149.	2.6	26
219	Convergent Approach to Boronic Acid Functionalized Polycarbonates: Accessing New Dynamic Material Platforms. <i>ACS Macro Letters</i> , 2017, 6, 252-256.	2.3	10
220	Delivery of TLR7 agonist to monocytes and dendritic cells by DCIR targeted liposomes induces robust production of anti-cancer cytokines. <i>Acta Biomaterialia</i> , 2017, 53, 367-377.	4.1	34
221	Basic concepts and recent advances in nanogels as carriers for medical applications. <i>Drug Delivery</i> , 2017, 24, 539-557.	2.5	319
222	Clinical and commercial translation of advanced polymeric nanoparticle systems: opportunities and material challenges. <i>Translational Materials Research</i> , 2017, 4, 014001.	1.2	23

#	ARTICLE	IF	CITATIONS
223	In Vitro and in Vivo Visualization and Trapping of Fluorescent Magnetic Microcapsules in a Bloodstream. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6885-6893.	4.0	102
224	Biomimetic shear stress and nanoparticulate drug delivery. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 133-139.	2.7	9
225	Chemistry-based molecular signature underlying the atypia of clozapine. <i>Translational Psychiatry</i> , 2017, 7, e1036-e1036.	2.4	14
226	Ligand-decorated click polypeptide derived nanoparticles for targeted drug delivery applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1797-1808.	1.7	30
227	pH-Triggered Charge-Reversal Silk Sericin-Based Nanoparticles for Enhanced Cellular Uptake and Doxorubicin Delivery. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1638-1647.	3.2	71
228	Intercalated 2D nanoclay for emerging drug delivery in cancer therapy. <i>Nano Research</i> , 2017, 10, 2633-2643.	5.8	66
229	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. <i>Chemical Reviews</i> , 2017, 117, 6538-6631.	23.0	146
230	High yield, scalable and remotely drug-loaded neutrophil-derived extracellular vesicles (EVs) for anti-inflammation therapy. <i>Biomaterials</i> , 2017, 135, 62-73.	5.7	147
231	Biocompatible pH-responsive nanoparticles with a core-anchored multilayer shell of triblock copolymers for enhanced cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4421-4425.	2.9	64
232	Photosensitization Priming of Tumor Microenvironments Improves Delivery of Nanotherapeutics via Neutrophil Infiltration. <i>Advanced Materials</i> , 2017, 29, 1701021.	11.1	134
233	Multicellular tumor spheroids: a relevant 3D model for the in vitro preclinical investigation of polymer nanomedicines. <i>Polymer Chemistry</i> , 2017, 8, 4947-4969.	1.9	161
235	Modular synthesis of self-assembling Janus-dendrimers and facile preparation of drug-loaded dendrimersomes. <i>Nanoscale</i> , 2017, 9, 7189-7198.	2.8	23
236	Reversible Stabilisierung von Vesikeln: redox-responsive Polymer-Nanocontainer für den Transport in das Zellinnere. <i>Angewandte Chemie</i> , 2017, 129, 9732-9736.	1.6	11
237	Reversible Stabilization of Vesicles: Redox-Responsive Polymer Nanocontainers for Intracellular Delivery. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9603-9607.	7.2	54
238	External triggering and triggered targeting strategies for drug delivery. <i>Nature Reviews Materials</i> , 2017, 2, .	23.3	290
239	Rethinking cancer nanotheranostics. <i>Nature Reviews Materials</i> , 2017, 2, .	23.3	860
240	pH-Responsive, Lysine-Based, Hyperbranched Polymers Mimicking Endosomolytic Cell-Penetrating Peptides for Efficient Intracellular Delivery. <i>Chemistry of Materials</i> , 2017, 29, 5806-5815.	3.2	26
241	Spectral-Luminescence Characteristics of Laser Dyes in a Calcined Xerogel. <i>Journal of Applied Spectroscopy</i> , 2017, 84, 31-34.	0.3	5

#	ARTICLE	IF	CITATIONS
242	Surface modification of lipid-based nanocarriers for cancer cell-specific drug targeting. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 203-227.	2.7	96
243	Protease-Sensitive Nanomaterials for Cancer Therapeutics and Imaging. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 5761-5777.	1.8	55
244	Hydrophobic ion pairing as a strategy to improve drug encapsulation into lipid nanocarriers for the cancer treatment. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 983-995.	2.4	35
245	Matrix metalloproteases-responsive nanomaterials for tumor targeting diagnosis and treatment. <i>Journal of Microencapsulation</i> , 2017, 34, 440-453.	1.2	23
246	Sonochemical fabrication of folic acid functionalized multistimuli-responsive magnetic graphene oxide-based nanocapsules for targeted drug delivery. <i>Chemical Engineering Journal</i> , 2017, 326, 839-848.	6.6	40
247	Evolution of the scientific literature on drug delivery: A 1974-2015 bibliometric study. <i>Journal of Controlled Release</i> , 2017, 260, 226-233.	4.8	24
248	Light-triggered release from dye-loaded fluorescent lipid nanocarriers in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 414-421.	2.5	17
249	Biocompatible curcumin loaded PMMA-PEG/ZnO nanocomposite induce apoptosis and cytotoxicity in human gastric cancer cells. <i>Materials Science and Engineering C</i> , 2017, 80, 59-68.	3.8	69
250	Emerging Trends in Micro- and Nanoscale Technologies in Medicine: From Basic Discoveries to Translation. <i>ACS Nano</i> , 2017, 11, 5195-5214.	7.3	104
251	Biodegradable "Smart" Polyphosphazenes with Intrinsic Multifunctionality as Intracellular Protein Delivery Vehicles. <i>Biomacromolecules</i> , 2017, 18, 2000-2011.	2.6	41
252	Core-shell drug carriers: liposomes, polymersomes, and niosomes. , 2017, , 63-105.		10
253	Effect of trastuzumab on the micellization properties, endocytic pathways and antitumor activities of polyurethane-based drug delivery system. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 909-923.	2.0	11
254	Specifically Increased Paclitaxel Release in Tumor and Synergetic Therapy by a Hyaluronic Acid-Tocopherol Nanomicelle. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20385-20398.	4.0	40
255	Highly Chemiluminescent Magnetic Beads for Label-Free Sensing of 2,4,6-Trinitrotoluene. <i>Analytical Chemistry</i> , 2017, 89, 7145-7151.	3.2	32
256	Design and Fabrication of a Novel Stimulus-Feedback Anticorrosion Coating Featured by Rapid Self-Healing Functionality for the Protection of Magnesium Alloy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21034-21047.	4.0	89
257	Physicochemical characterization of pH-responsive and fusogenic self-assembled non-phospholipid vesicles for a potential multiple targeting therapy. <i>International Journal of Pharmaceutics</i> , 2017, 528, 18-32.	2.6	23
258	Chitosan based nanogels stepwise response to intracellular delivery kinetics for enhanced delivery of doxorubicin. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 157-164.	3.6	22
260	Immunomodulatory Nanomedicine. <i>Macromolecular Bioscience</i> , 2017, 17, 1700021.	2.1	11



#	ARTICLE	IF	CITATIONS
261	Cancer-Associated, Stimuli-Driven, Turn on Theranostics for Multimodality Imaging and Therapy. <i>Advanced Materials</i> , 2017, 29, 1606857.	11.1	290
262	Strategies for using nanoprobe to perceive and treat cancer activity: a review. <i>Journal of Biological Engineering</i> , 2017, 11, 13.	2.0	11
263	Bioresponsive transcutaneous patches. <i>Current Opinion in Biotechnology</i> , 2017, 48, 28-32.	3.3	62
264	Marine Mollusk-Derived Agents with Antiproliferative Activity as Promising Anticancer Agents to Overcome Chemotherapy Resistance. <i>Medicinal Research Reviews</i> , 2017, 37, 702-801.	5.0	46
265	Synthesis of methoxy poly(ethylene glycol)- b -poly( dl -lactide- co -glycolide) copolymer via diselenide linkage and fabrication of selenium-incorporated nanoparticles for radio-responsive drug delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 47, 112-120.	2.9	10
266	ATN-161 Peptide Functionalized Reversibly Cross-Linked Polymersomes Mediate Targeted Doxorubicin Delivery into Melanoma-Bearing C57BL/6 Mice. <i>Molecular Pharmaceutics</i> , 2017, 14, 2538-2547.	2.3	41
267	Tumor-Specific Multiple Stimuli-Activated Dendrimeric Nanoassemblies with Metabolic Blockade Surmount Chemotherapy Resistance. <i>ACS Nano</i> , 2017, 11, 416-429.	7.3	118
268	Mesoporous silica-based versatile theranostic nanoplatform constructed by layer-by-layer assembly for excellent photodynamic/chemo therapy. <i>Biomaterials</i> , 2017, 117, 54-65.	5.7	179
269	Polymers in the co-delivery of siRNA and anticancer drugs to treat multidrug-resistant tumors. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 37-49.	2.7	43
270	Dual-functional lipid-like nanoparticles for delivery of mRNA and MRI contrast agents. <i>Nanoscale</i> , 2017, 9, 1575-1579.	2.8	23
271	<sup>111</sup> In- and IRDye800CW-Labeled PLA-PEG Nanoparticle for Imaging Prostate-Specific Membrane Antigen-Expressing Tissues. <i>Biomacromolecules</i> , 2017, 18, 201-209.	2.6	43
272	Self-Assembled Supramolecular Nanogels as a Safe and Effective Drug Delivery Vector for Cancer Therapy. <i>Macromolecular Bioscience</i> , 2017, 17, 1600370.	2.1	38
273	Physicochemical characterization of lauryl glycinate-dodecyl sulfate equimolar complex: A base-triggerable cationic liposomal system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 139-146.	2.3	12
274	Amphiphilic poly-N-vinylpyrrolidone nanoparticles as carriers for non-steroidal, anti-inflammatory drugs: In vitro cytotoxicity and in vivo acute toxicity study. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1021-1030.	1.7	39
275	New Advances in Nanotechnology-Based Diagnosis and Therapeutics for Breast Cancer: An Assessment of Active-Targeting Inorganic Nanoplatforms. <i>Bioconjugate Chemistry</i> , 2017, 28, 135-152.	1.8	95
276	Preclinical development of drug delivery systems for paclitaxel-based cancer chemotherapy. <i>Journal of Controlled Release</i> , 2017, 267, 100-118.	4.8	119
277	Sugar-Coated Nanobullet: Growth Inhibition of Cancer Cells Induced by Metformin-Loaded Glyconanoparticles. <i>ChemMedChem</i> , 2017, 12, 1823-1827.	1.6	14
278	Empowering the Potential of Cell-Penetrating Peptides for Targeted Intracellular Delivery via Molecular Self-Assembly. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 265-278.	0.8	6



#	ARTICLE	IF	CITATIONS
279	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203
280	A Molecular Recognition Approach To Synthesize Nucleoside Analogue Based Multifunctional Nanoparticles for Targeted Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2017, 139, 14021-14024.	6.6	65
281	Nanoparticulate drug delivery systems targeting inflammation for treatment of inflammatory bowel disease. <i>Nano Today</i> , 2017, 16, 82-96.	6.2	136
282	A quantitative comparison of cytosolic delivery via different protein uptake systems. <i>Scientific Reports</i> , 2017, 7, 13194.	1.6	67
283	Synthesis of poly(1,2-glycerol carbonate)â€“paclitaxel conjugates and their utility as a single high-dose replacement for multi-dose treatment regimens in peritoneal cancer. <i>Chemical Science</i> , 2017, 8, 8443-8450.	3.7	23
284	Mesoporous silica nanoparticles with lactose-mediated targeting effect to deliver platinum( <sup>IV</sup> ) prodrug for liver cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7591-7597.	2.9	38
285	Surface Engineering: Incorporation of Bioactive Compound. <i>Nanomedicine and Nanotoxicology</i> , 2017, , 111-143.	0.1	1
286	Functional nanoparticles of tea polyphenols for doxorubicin delivery in cancer treatment. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7622-7631.	2.9	45
287	X-Ray responsive nanoparticles with triggered release of nitrite, a precursor of reactive nitrogen species, for enhanced cancer radiosensitization. <i>Nanoscale</i> , 2017, 9, 14627-14634.	2.8	32
288	Synthesis, Positron Emission Tomography Imaging, and Therapy of Diabody Targeted Drug Lipid Nanoparticles in a Prostate Cancer Murine Model. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2017, 32, 247-257.	0.7	10
289	Enhanced cell uptake of fluorescent drug-loaded nanoparticles via an implantable photothermal fibrous patch for more effective cancer cell killing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7504-7511.	2.9	18
290	pH multistage responsive micellar system with charge-switch and PEG layer detachment for co-delivery of paclitaxel and curcumin to synergistically eliminate breast cancer stem cells. <i>Biomaterials</i> , 2017, 147, 53-67.	5.7	132
291	Molecular engineering solutions for therapeutic peptide delivery. <i>Chemical Society Reviews</i> , 2017, 46, 6553-6569.	18.7	103
292	Effect of Hydrophobic Chain Length on the Stability and Guest Exchange Behavior of Shell-Sheddable Micelles Formed by Disulfide-Linked Diblock Copolymers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9708-9717.	1.2	7
293	Unsaturated nitrogen-rich polymer poly(l-histidine) gated reversibly switchable mesoporous silica nanoparticles using â€œgraft toâ€“ strategy for drug controlled release. <i>Acta Biomaterialia</i> , 2017, 63, 150-162.	4.1	41
294	Building Stable MMP2-Responsive Multifunctional Polymeric Micelles by an All-in-One Polymerâ€“Lipid Conjugate for Tumor-Targeted Intracellular Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32520-32533.	4.0	60
295	Nanoparticles target early-stage breast cancer metastasis <i>in vivo</i> . <i>Nanotechnology</i> , 2017, 28, 43LT01.	1.3	33
296	NIR and UV-responsive degradable hyaluronic acid nanogels for CD44-targeted and remotely triggered intracellular doxorubicin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 547-555.	2.5	52

#	ARTICLE	IF	CITATIONS
297	Chitooligosaccharides Modified Reduction-Sensitive Liposomes: Enhanced Cytoplasmic Drug Delivery and Osteosarcomas-Tumor Inhibition in Animal Models. <i>Pharmaceutical Research</i> , 2017, 34, 2172-2184.	1.7	37
298	The immunoregulatory activities of astragalus polysaccharide liposome on macrophages and dendritic cells. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 852-861.	3.6	60
299	Engineering the Surface of Smart Nanocarriers Using a pH/Thermal/GSH-Responsive Polymer Zipper for Precise Tumor Targeting Therapy In Vivo. <i>Advanced Materials</i> , 2017, 29, 1702311.	11.1	102
300	FRET-enabled monitoring of the thermosensitive nanoscale assembly of polymeric micelles into macroscale hydrogel and sequential cognate micelles release. <i>Biomaterials</i> , 2017, 145, 81-91.	5.7	38
301	Evaluation of pharmacokinetic and pharmacodynamic profiles of liposomes for the cell type-specific delivery of small molecule drugs. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2565-2574.	1.7	10
302	Non-proinflammatory and responsive nanoplatfoms for targeted treatment of atherosclerosis. <i>Biomaterials</i> , 2017, 143, 93-108.	5.7	98
303	Dual-Targeting Multifuntional Mesoporous Silica Nanocarrier for Codelivery of siRNA and Ursolic Acid to Folate Receptor Overexpressing Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6904-6911.	2.4	36
304	Cell membrane-derived nanoparticles: emerging clinical opportunities for targeted drug delivery. <i>Nanomedicine</i> , 2017, 12, 2007-2019.	1.7	62
305	Traceable nanoparticle with temporally release ability to control neural stem cell differentiation for the treatment of Alzheimer's disease. <i>Journal of Controlled Release</i> , 2017, 259, e163-e164.	4.8	1
307	Folate and CPP mediated specific delivery of camptothecin to tumor pH and reduction dual-sensitive micelles. <i>Journal of Controlled Release</i> , 2017, 259, e164-e165.	4.8	3
308	Albumin based versatile multifunctional nanocarriers for cancer therapy: Fabrication, surface modification, multimodal therapeutics and imaging approaches. <i>Materials Science and Engineering C</i> , 2017, 81, 607-626.	3.8	85
309	Synthesis and characterization of three novel amphiphilic dextran self-assembled micelles as potential drug delivery system. <i>Journal of Materials Science</i> , 2017, 52, 12593-12607.	1.7	20
310	A cancer cell specific targeting nanocomplex for combination of mRNA-responsive photodynamic and chemo-therapy. <i>Chemical Communications</i> , 2017, 53, 9979-9982.	2.2	15
311	Preparation of Plasma Membrane Vesicles from Bone Marrow Mesenchymal Stem Cells for Potential Cytoplasm Replacement Therapy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	7
312	Bioreducible Hydrophobin-Stabilized Supraparticles for Selective Intracellular Release. <i>ACS Nano</i> , 2017, 11, 9413-9423.	7.3	44
313	An acid-seeking carrier-free drug achieves high antitumor activity via a "resolution-particle" transition. <i>Journal of Controlled Release</i> , 2017, 262, 305-316.	4.8	9
314	Hierarchical porous calcium carbonate microspheres as drug delivery vector. <i>Progress in Natural Science: Materials International</i> , 2017, 27, 674-677.	1.8	30
315	Penetration and drug delivery of albumin nanoparticles into pancreatic multicellular tumor spheroids. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9591-9599.	2.9	24

#	ARTICLE	IF	CITATIONS
316	Targeted delivery of a guanidine-pendant Pt(IV)-backboned poly-prodrug by an anisamide-functionalized polypeptide. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9546-9557.	2.9	12
317	Red Blood Cells for Drug Delivery. <i>Small Methods</i> , 2017, 1, 1700270.	4.6	62
318	Endosytosis Study of Gold Nanoparticles through FRET-FLIM Approach. , 2017, , .		0
319	Advances in nanomicelles for sustained drug delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 55, 21-34.	2.9	45
320	Thermoresponsive star-like $\beta$ -substituted poly(caprolactone)s for micellar drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5632-5640.	2.9	21
321	Targeted delivery of anticancer drugs: new trends in lipid nanocarriers. , 2017, , 455-484.		3
322	GSH-Responsive supramolecular nanoparticles constructed by $\beta$ -galactose-modified pillar[5]arene and camptothecin prodrug for targeted anticancer drug delivery. <i>Chemical Communications</i> , 2017, 53, 8596-8599.	2.2	81
323	Carbon nanotubes: a novel material for multifaceted applications in human healthcare. <i>Chemical Society Reviews</i> , 2017, 46, 158-196.	18.7	329
324	Cyclo(RGD)-Decorated Reduction-Responsive Nanogels Mediate Targeted Chemotherapy of Integrin Overexpressing Human Glioblastoma In Vivo. <i>Small</i> , 2017, 13, 1601997.	5.2	55
325	A multi-stimuli responsive nanoparticulate SN38 prodrug for cancer chemotherapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 661-670.	2.9	25
326	Stem Cell Extracellular Vesicles: Extended Messages of Regeneration. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 125-154.	4.2	223
327	Advanced Functional Nanomaterials for Theranostics. <i>Advanced Functional Materials</i> , 2017, 27, 1603524.	7.8	190
328	Advances in Targeted Drug Delivery Approaches for the Central Nervous System Tumors: The Inspiration of Nanobiotechnology. <i>Journal of Neuroimmune Pharmacology</i> , 2017, 12, 84-98.	2.1	50
329	Surface plasmon resonance as a tool for investigation of non-covalent nanoparticle interactions in heterogeneous self-assembly & disassembly systems. <i>Biosensors and Bioelectronics</i> , 2017, 88, 3-8.	5.3	41
330	Autonomous bacterial nanoswimmers target cancer. <i>Journal of Controlled Release</i> , 2017, 257, 68-75.	4.8	39
331	Superparamagnetic iron oxide nanoparticles conjugated with folic acid for dual target-specific drug delivery and MRI in cancer theranostics. <i>Materials Science and Engineering C</i> , 2017, 70, 763-771.	3.8	159
332	Liposome-based drug co-delivery systems in cancer cells. <i>Materials Science and Engineering C</i> , 2017, 71, 1327-1341.	3.8	242
333	4.28 Non-Viral Delivery of Nucleic Acid Complexes $\alpha$ . , 2017, , 506-526.		1

#	ARTICLE	IF	CITATIONS
334	Super-resolution visible photoactivated atomic force microscopy. <i>Light: Science and Applications</i> , 2017, 6, e17080-e17080.	7.7	35
335	A PEGylated hyaluronic acid conjugate for targeted cancer immunotherapy. <i>Journal of Controlled Release</i> , 2017, 267, 181-190.	4.8	41
336	Cytotoxicity of Poly(Alkyl Cyanoacrylate) Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2454.	1.8	38
337	Tumor microenvironment dual-responsive core&ndash;shell nanoparticles with hyaluronic acid-shield for efficient co-delivery of doxorubicin and plasmid DNA. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4773-4788.	3.3	20
338	Nanoparticles for the treatment of liver fibrosis. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6997-7006.	3.3	101
339	Spatiotemporal Control of Doxorubicin Delivery from "Stealth-Like" Prodrug Micelles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2033.	1.8	4
340	Dendrimers as Nanocarriers for Nucleic Acid and Drug Delivery in Cancer Therapy. <i>Molecules</i> , 2017, 22, 1401.	1.7	474
341	Liposomal Formulations in Clinical Use: An Updated Review. <i>Pharmaceutics</i> , 2017, 9, 12.	2.0	1,396
342	Smart Materials Meet Multifunctional Biomedical Devices: Current and Prospective Implications for Nanomedicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 80.	2.0	43
343	Advanced Strategies in Immune Modulation of Cancer Using Lipid-Based Nanoparticles. <i>Frontiers in Immunology</i> , 2017, 8, 69.	2.2	32
344	Aminoglucose-functionalized, redox-responsive polymer nanomicelles for overcoming chemoresistance in lung cancer cells. <i>Journal of Nanobiotechnology</i> , 2017, 15, 87.	4.2	37
345	Deep tissue penetration of nanoparticles using pulsed-high intensity focused ultrasound. <i>Nano Convergence</i> , 2017, 4, 30.	6.3	18
346	Chitosan-Acrylic Polymeric Nanoparticles with Dynamic Covalent Bonds. Synthesis and Stimuli Behavior. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1132-1143.	0.6	4
347	Nanoparticle-based drug delivery systems: What can they really do in vivo?. <i>F1000Research</i> , 2017, 6, 681.	0.8	47
348	Liposomal Drug Delivery to the Central Nervous System. , 0, , .		6
349	Synthesis of Hybrid-Polypeptides m-PEO-b-poly(His-co-Gly) and m-PEO-b-poly(His-co-Ala) and Study of Their Structure and Aggregation. Influence of Hydrophobic Copolypeptides on the Properties of Poly(L-histidine). <i>Polymers</i> , 2017, 9, 564.	2.0	8
350	Micelles Formed by Polypeptide Containing Polymers Synthesized Via N-Carboxy Anhydrides and Their Application for Cancer Treatment. <i>Polymers</i> , 2017, 9, 208.	2.0	10
351	Supramolecular Polymers in Nanomedicine. , 2017, , 227-254.		3

#	ARTICLE	IF	CITATIONS
352	Stimuli-Responsive Polymeric Nanoparticles for Cancer Therapy. Gels Horizons: From Science To Smart Materials, 2018, , 27-54.	0.3	2
353	Polyrotaxane-based supramolecular theranostics. Nature Communications, 2018, 9, 766.	5.8	191
354	Enzyme/pH-sensitive polyHPMA-DOX conjugate as a biocompatible and efficient anticancer agent. Biomaterials Science, 2018, 6, 1177-1188.	2.6	60
355	Eph A10-modified pH-sensitive liposomes loaded with novel triphenylphosphine-docetaxel conjugate possess hierarchical targetability and sufficient antitumor effect both <i>in vitro</i> and <i>in vivo</i> . Drug Delivery, 2018, 25, 723-737.	2.5	30
356	Hierarchical drug release of pH-sensitive liposomes encapsulating aqueous two phase system. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 127, 177-182.	2.0	24
357	Selective drug delivery approaches to lesioned brain through blood brain barrier disruption. Expert Opinion on Drug Delivery, 2018, 15, 335-349.	2.4	21
358	Intracellularly Activatable Nanovasodilators To Enhance Passive Cancer Targeting Regime. Nano Letters, 2018, 18, 2637-2644.	4.5	71
359	Controlled drug release from ultrasound-visualized elastic eccentric microcapsules using different resonant modes. Journal of Materials Chemistry B, 2018, 6, 1920-1929.	2.9	7
360	Targeting Inflammatory Vasculature by Extracellular Vesicles. AAPS Journal, 2018, 20, 37.	2.2	19
361	Enzyme-sensitive biodegradable and multifunctional polymeric conjugate as theranostic nanomedicine. Applied Materials Today, 2018, 11, 207-218.	2.3	103
362	Addressing Drug Resistance in Cancer with Macromolecular Chemotherapeutic Agents. Journal of the American Chemical Society, 2018, 140, 4244-4252.	6.6	100
363	Optimizing liposomes for delivery of Bowman-Birk protease inhibitors – Platforms for multiple biomedical applications. Colloids and Surfaces B: Biointerfaces, 2018, 167, 474-482.	2.5	9
364	Multifunctional Self-Assembling Peptide-Based Nanostructures for Targeted Intracellular Delivery: Design, Physicochemical Characterization, and Biological Assessment. Methods in Molecular Biology, 2018, 1758, 11-26.	0.4	6
365	Biotinylated Bilirubin Nanoparticles as a Tumor Microenvironment-Responsive Drug Delivery System for Targeted Cancer Therapy. Advanced Science, 2018, 5, 1800017.	5.6	60
366	Controlled Release of Curcumin via Folic Acid Conjugated Magnetic Drug Delivery System. Chemical Research in Chinese Universities, 2018, 34, 203-211.	1.3	3
367	Self-Assembled, ellipsoidal polymeric nanoparticles for intracellular delivery of therapeutics. Journal of Biomedical Materials Research - Part A, 2018, 106, 2048-2058.	2.1	22
368	Advances in transformable drug delivery systems. Biomaterials, 2018, 178, 546-558.	5.7	57
369	Perfluorocarbon-based nanomedicine: emerging strategy for diagnosis and treatment of diseases. MRS Communications, 2018, 8, 303-313.	0.8	23

#	ARTICLE	IF	CITATIONS
370	Multicellular Tumor Spheroids (MCTS) as a 3D In Vitro Evaluation Tool of Nanoparticles. <i>Small</i> , 2018, 14, e1702858.	5.2	158
371	A comparative study of the antitumor efficacy of peptide-doxorubicin conjugates with different linkers. <i>Journal of Controlled Release</i> , 2018, 275, 129-141.	4.8	32
372	A self-delivery membrane system for enhanced anti-tumor therapy. <i>Biomaterials</i> , 2018, 161, 81-94.	5.7	44
373	Long term stability and interaction with epithelial cells of freeze-dried pH-responsive liposomes functionalized with cholesterol-poly(acrylic acid). <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 50-57.	2.5	7
374	Stimuli-responsive nanocarriers for delivery of bone therapeutics – Barriers and progresses. <i>Journal of Controlled Release</i> , 2018, 273, 51-67.	4.8	84
375	Folate-Conjugated Polyphosphoester with Reversible Cross-Linkage and Reduction Sensitivity for Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7811-7820.	4.0	39
376	Nanoparticles for Immune Cytokine TRAIL-Based Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 912-931.	7.3	107
377	Size-controlled, colloidally stable and functional nanoparticles based on the molecular assembly of green tea polyphenols and keratins for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1373-1386.	2.9	56
378	Semiconducting Photothermal Nanoagonist for Remote-Controlled Specific Cancer Therapy. <i>Nano Letters</i> , 2018, 18, 1498-1505.	4.5	183
379	Biological Stimuli-responsive Polymer Systems: Design, Construction and Controlled Self-assembly. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 347-365.	2.0	33
380	A Novel Approach to Increase the Stability of Liposomal Containers via In Prep Coating by Poly[ <i>N</i> -(2-Hydroxypropyl)Methacrylamide] with Covalently Attached Cholesterol Groups. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700508.	1.1	14
381	Tailor-made pH-sensitive polyacrylic acid functionalized mesoporous silica nanoparticles for efficient and controlled delivery of anti-cancer drug Etoposide. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1198-1211.	0.9	37
382	Doxorubicin conjugated with a trastuzumab epitope and an MMP-2 sensitive peptide linker for the treatment of HER2-positive breast cancer. <i>Drug Delivery</i> , 2018, 25, 448-460.	2.5	45
383	Dual Drug Delivery System Based on Biodegradable Organosilica Core-Shell Architectures. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5287-5295.	4.0	31
384	High-density lipoprotein-mimicking nanodiscs carrying peptide for enhanced therapeutic angiogenesis in diabetic hindlimb ischemia. <i>Biomaterials</i> , 2018, 161, 69-80.	5.7	29
385	A theranostic nanocomposite system based on radial mesoporous silica hybridized with Fe <sub>3</sub> O <sub>4</sub> nanoparticles for targeted magnetic field responsive chemotherapy of breast cancer. <i>RSC Advances</i> , 2018, 8, 4321-4328.	1.7	30
386	Nanodrugs based on peptide-modulated self-assembly: Design, delivery and tumor therapy. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 35, 17-25.	3.4	55
387	Improved method for synthesis of low molecular weight protamine-siRNA conjugate. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 116-126.	5.7	20



#	ARTICLE	IF	CITATIONS
388	Functional nanoscale metal-organic particles synthesized from a new vinylimidazole-based polymeric ligand and dysprosium ions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 280-289.	2.7	7
389	Synthetic Cells Synthesize Therapeutic Proteins inside Tumors. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701163.	3.9	100
390	Amphiphilic polysaccharides as building blocks for self-assembled nanosystems: molecular design and application in cancer and inflammatory diseases. <i>Journal of Controlled Release</i> , 2018, 272, 114-144.	4.8	59
391	Theranostics of Triple-Negative Breast Cancer Based on Conjugated Polymer Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10634-10646.	4.0	72
392	A Transformable Chimeric Peptide for Cell Encapsulation to Overcome Multidrug Resistance. <i>Small</i> , 2018, 14, e1703321.	5.2	70
393	Novel lipids with three C18-fatty acid chains and an amino acid head group for pH-responsive and sustained antibiotic delivery. <i>Chemistry and Physics of Lipids</i> , 2018, 212, 12-25.	1.5	29
394	A Novel Strategy to Increase the Yield of Exosomes (Extracellular Vesicles) for an Expansion of Basic Research. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 733-742.	0.6	54
395	Folic acid modified cell membrane capsules encapsulating doxorubicin and indocyanine green for highly effective combinational therapy in vivo. <i>Acta Biomaterialia</i> , 2018, 74, 374-384.	4.1	40
396	Versatile Platform for Nanoparticle Surface Bioengineering Based on SiO <sub>2</sub> -Binding Peptide and Proteinaceous Barnase*Barstar Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17437-17447.	4.0	40
397	Polysomes scalably fabricated via flash nanoprecipitation are non-toxic in non-human primates and associate with leukocytes in the spleen and kidney following intravenous administration. <i>Nano Research</i> , 2018, 11, 5689-5703.	5.8	43
398	Microenvironment-Driven Cascaded Responsive Hybrid Carbon Dots as a Multifunctional Theranostic NanoplatforM for Imaging-Traceable Gene Precise Delivery. <i>Chemistry of Materials</i> , 2018, 30, 3438-3453.	3.2	68
399	Highly Sensitive Detection of Caspase-3/7 Activity in Living Mice Using Enzyme-Responsive <sup>19</sup> F MRI Nanoprobes. <i>Bioconjugate Chemistry</i> , 2018, 29, 1720-1728.	1.8	44
400	Development of redox-responsive theranostic nanoparticles for near-infrared fluorescence imaging-guided photodynamic/chemotherapy of tumor. <i>Drug Delivery</i> , 2018, 25, 780-796.	2.5	44
401	Vesicle-based drug carriers. , 2018, , 1-55.		5
402	2,2-Dithiodisuccinic acid-stabilized polyion complex micelles for pH and reduction dual-responsive drug delivery. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 74-81.	5.0	16
403	Polymeric micelles for pH-responsive lutein delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 281-286.	1.4	18
404	Advances and applications of block-copolymer-based nanoformulations. <i>Drug Discovery Today</i> , 2018, 23, 1139-1151.	3.2	46
405	Hydrogels as intelligent materials: A brief review of synthesis, properties and applications. <i>Materials Today Chemistry</i> , 2018, 8, 42-55.	1.7	356

#	ARTICLE	IF	CITATIONS
406	Overcoming Multidrug Resistance through the GLUT1-Mediated and Enzyme-Triggered Mitochondrial Targeting Conjugate with Redox-Sensitive Paclitaxel Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12351-12363.	4.0	61
407	A multifunctional nanoparticle constructed with a detachable albumin outer shell and a redox-sensitive inner core for efficient siRNA delivery to hepatocellular carcinoma cells. <i>Journal of Drug Targeting</i> , 2018, 26, 941-954.	2.1	9
408	Speciation of Phenanthriplatin and Its Analogs in the Core of Tobacco Mosaic Virus. <i>Journal of the American Chemical Society</i> , 2018, 140, 4279-4287.	6.6	28
409	Current and Future Approaches for Effective Cancer Imaging and Treatment. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018, 33, 39-51.	0.7	43
410	Enhanced uptake in 2D- and 3D- lung cancer cell models of redox responsive PEGylated nanoparticles with sensitivity to reducing extra- and intracellular environments. <i>Journal of Controlled Release</i> , 2018, 277, 126-141.	4.8	54
411	Hierarchical theranostic nanomedicine: MRI contrast agents as a physical vehicle anchor for high drug loading and triggered on-demand delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1995-2003.	2.9	13
412	Development of a Chlorantraniliprole Microcapsule Formulation with a High Loading Content and Controlled-Release Property. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6561-6568.	2.4	54
413	Bridging the Knowledge of Different Worlds to Understand the Big Picture of Cancer Nanomedicines. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700432.	3.9	30
414	The acidic tumor microenvironment: a target for smart cancer nano-theranostics. <i>National Science Review</i> , 2018, 5, 269-286.	4.6	250
415	Ceramide Nanoliposomes as a MLKL-Dependent, Necroptosis-Inducing, Chemotherapeutic Reagent in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 50-59.	1.9	44
416	Polyacrylamide- $\alpha$ -copolymer hybrid copolymer as pH-responsive carrier for delivery of paclitaxel: Effects of copolymer composition on nanomicelles properties, loading efficiency and hemocompatibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 217-226.	2.3	21
417	Polyester micelles for drug delivery and cancer theranostics: Current achievements, progresses and future perspectives. <i>Materials Science and Engineering C</i> , 2018, 83, 218-232.	3.8	68
418	Near-infrared light-responsive nanoparticles for improved anticancer efficacy through synergistic chemo-photothermal therapy. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 116-124.	1.1	3
419	Zwitterionic stealth peptide-protected gold nanoparticles enable long circulation without the accelerated blood clearance phenomenon. <i>Biomaterials Science</i> , 2018, 6, 200-206.	2.6	48
420	Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. <i>Nano Research</i> , 2018, 11, 5716-5734.	5.8	27
421	Thermo-sensitively and magnetically ordered mesoporous carbon nanospheres for targeted controlled drug release and hyperthermia application. <i>Materials Science and Engineering C</i> , 2018, 84, 21-31.	3.8	25
422	Functional peptide-based nanoparticles for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 25-38.	2.9	52
423	Lipogels for Encapsulation of Hydrophilic Proteins and Hydrophobic Small Molecules. <i>Biomacromolecules</i> , 2018, 19, 132-140.	2.6	8



#	ARTICLE	IF	CITATIONS
424	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug Delivery Reviews</i> , 2018, 136-137, 73-81.	6.6	47
425	Development of a theranostic prodrug for colon cancer therapy by combining ligand-targeted delivery and enzyme-stimulated activation. <i>Biomaterials</i> , 2018, 155, 145-151.	5.7	85
426	Magnetic field remotely controlled selective biocatalysis. <i>Nature Catalysis</i> , 2018, 1, 73-81.	16.1	84
427	A Concise Review of Gold Nanoparticles-Based Photo-Responsive Liposomes for Controlled Drug Delivery. <i>Nano-Micro Letters</i> , 2018, 10, 10.	14.4	89
428	Enhancing the anti-gastric cancer activity of curcumin with biocompatible and pH sensitive PMMA-AA/ZnO nanoparticles. <i>Materials Science and Engineering C</i> , 2018, 82, 182-189.	3.8	54
429	Overview of preparation methods of polymeric and lipid-based (niosome, solid lipid, liposome) nanoparticles: A comprehensive review. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 383-400.	1.8	141
430	Microfluidic Model for Optical Detection of Nanoparticles in Whole Blood. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2018, 31, 59-63.	0.1	1
431	Progress in ligand design for monolayer-protected nanoparticles for nanobio interfaces. <i>Biointerphases</i> , 2018, 13, 06D502.	0.6	8
432	Nanotechnology, an alternative with promising prospects and advantages for the treatment of cardiovascular diseases. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7349-7362.	3.3	42
433	pH-Induced Transformation of Biodegradable Multilamellar Nanovectors for Enhanced Tumor Penetration. <i>ACS Macro Letters</i> , 2018, 7, 1394-1399.	2.3	23
434	Reversible Control of Spacing in Charged Lamellar Membrane Hydrogels by Hydrophobically Mediated Tethering with Symmetric and Asymmetric Double-End-Anchored Poly(ethylene glycol)s. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44152-44162.	4.0	5
435	Thermo-Sensitive Nanomaterials: Recent Advance in Synthesis and Biomedical Applications. <i>Nanomaterials</i> , 2018, 8, 935.	1.9	90
436	Multifunctional Nanoparticle Approach for Targeting Melanoma. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2018, 19, S89-S90.	0.8	0
437	From Supramolecular Vesicles to Micelles: Controllable Construction of Tumor Targeting Nanocarriers Based on Host-Guest Interaction between a Pillar[5]arene-Based Prodrug and a RGD-Sulfonate Guest. <i>Small</i> , 2018, 14, e1803952.	5.2	67
438	Aprotinin Encapsulated Gold Nanoclusters: A Fluorescent Bioprobe with Dynamic Nuclear Targeting and Selective Detection of Trypsin and Heavy Metal. <i>Bioconjugate Chemistry</i> , 2018, 29, 4140-4148.	1.8	26
439	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. <i>Communications Biology</i> , 2018, 1, 202.	2.0	81
440	Codelivery of Hydrophobic and Hydrophilic Drugs by Graphene-Decorated Magnetic Dendrimers. <i>Langmuir</i> , 2018, 34, 15304-15318.	1.6	41
441	Improving Drug Delivery of Micellar Paclitaxel against Non-Small Cell Lung Cancer by Co-loading Itraconazole as a Micelle Stabilizer and a Tumor Vascular Manipulator. <i>Small</i> , 2018, 14, e1802112.	5.2	22

#	ARTICLE	IF	CITATIONS
442	A Perspective on Nanoparticle Universal Influenza Vaccines. <i>ACS Infectious Diseases</i> , 2018, 4, 1656-1665.	1.8	29
443	Novel pH-sensitive zinc phthalocyanine assembled with albumin for tumor targeting and treatment. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7681-7695.	3.3	17
444	Application of polydopamine in tumor targeted drug delivery system and its drug release behavior. <i>Journal of Controlled Release</i> , 2018, 290, 56-74.	4.8	162
445	Smart Biomaterials: Recent Advances and Future Directions. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3809-3817.	2.6	135
446	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. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5301-5320.	3.3	17
447	Peptide-Based Multifunctional Nanomaterials for Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804492.	7.8	94
448	Sericin/RBA embedded gellan gum based smart nanosystem for pH responsive drug delivery. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1561-1571.	3.6	43
449	Delivery of Doxorubicin Using Double-Layered Core-Shell Nanocarrier Based on Magnetic Fe <sub>3</sub> O <sub>4</sub> Core and Salep Shells. <i>Langmuir</i> , 2018, 34, 13735-13744.	1.6	18
450	Multifunctional Cargo-Free Nanomedicine for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2963.	1.8	21
451	Site-Specific Labeling of Cyanine and Porphyrin Dye-Stabilized Nanoemulsions with Affibodies for Cellular Targeting. <i>Journal of the American Chemical Society</i> , 2018, 140, 13550-13553.	6.6	14
452	Local generation of hydrogen for enhanced photothermal therapy. <i>Nature Communications</i> , 2018, 9, 4241.	5.8	239
453	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	1.6	31
454	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	7.2	122
455	Exosome Drug Delivery through the Blood-Brain Barrier: Experimental Approaches and Potential Applications. <i>Neurochemical Journal</i> , 2018, 12, 195-204.	0.2	26
456	Stimuli-Responsive Nano-Architecture Drug-Delivery Systems to Solid Tumor Microenvironment: Past, Present, and Future Perspectives. <i>ACS Nano</i> , 2018, 12, 10636-10664.	7.3	320
457	Tumor-Microenvironment-Responsive Nanoconjugate for Synergistic Antivascular Activity and Phototherapy. <i>ACS Nano</i> , 2018, 12, 11446-11457.	7.3	124
458	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197
459	Reactive Oxygen Species Responsive Naturally Occurring Phenolic-Based Polymeric Prodrug. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1078, 291-301.	0.8	6

#	ARTICLE	IF	CITATIONS
460	Quantifying Release from Lipid Nanocarriers by Fluorescence Correlation Spectroscopy. ACS Omega, 2018, 3, 14333-14340.	1.6	13
461	Independent of EPR Effect: A Smart Delivery Nanosystem for Tracking and Treatment of Nonvascularized Intra-Abdominal Metastases. Advanced Functional Materials, 2018, 28, 1806162.	7.8	32
462	Theranostics based on AIEgens. Theranostics, 2018, 8, 4925-4956.	4.6	143
463	Nanointerventions for Gene Therapy. , 2018, , 57-110.		0
464	Multifunctional Nanoparticles for Successful Targeted Drug Delivery across the Blood-Brain Barrier. , 0, , .		10
465	Investigating the Intracellular Behaviors of Liposomal Nanohybrids <i>via</i> SERS: Insights into the Influence of Metal Nanoparticles. Theranostics, 2018, 8, 941-954.	4.6	19
466	Photo Processing for Biomedical Hydrogels Design and Functionality: A Review. Polymers, 2018, 10, 11.	2.0	80
467	Development of cholate conjugated hybrid polymeric micelles for FXR receptor mediated effective site-specific delivery of paclitaxel. New Journal of Chemistry, 2018, 42, 17021-17032.	1.4	22
469	Co-assembling FRET nanomedicine with self-indicating drug release. Chemical Communications, 2018, 54, 11618-11621.	2.2	18
470	Polymeric micelles: Smart nanocarriers for anticancer drug delivery. , 2018, , 255-273.		3
471	Origami Biosystems: 3D Assembly Methods for Biomedical Applications. Advanced Biology, 2018, 2, 1800230.	3.0	57
472	Preparation and Characterization of pH Sensitive Drug Liposomes. , 2018, , 1-24.		1
473	Bioresponsive Nanoparticles Targeted to Infectious Microenvironments for Sepsis Management. Advanced Materials, 2018, 30, e1803618.	11.1	149
474	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
475	Enzyme/pH-sensitive dendritic polymer-DOX conjugate for cancer treatment. Science China Materials, 2018, 61, 1462-1474.	3.5	28
476	Therapeutic nanoparticles penetrate leaves and deliver nutrients to agricultural crops. Scientific Reports, 2018, 8, 7589.	1.6	145
477	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. Angewandte Chemie, 2018, 130, 8599-8603.	1.6	4
478	Conjugation of isoniazid to a zinc phthalocyanine via hydrazone linkage for pH-dependent liposomal controlled release. Applied Nanoscience (Switzerland), 2018, 8, 1313-1323.	1.6	19

#	ARTICLE	IF	CITATIONS
479	Phospholipid-Block Copolymer Hybrid Vesicles with Lysosomal Escape Ability. <i>Langmuir</i> , 2018, 34, 6874-6886.	1.6	20
480	Dual-Responsive Polyphosphoester-Doxorubicin Prodrug Containing a Diselenide Bond: Synthesis, Characterization, and Drug Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2443-2452.	2.6	43
481	Smart liposomal drug delivery for treatment of oxidative stress model in human embryonic stem cell-derived retinal pigment epithelial cells. <i>International Journal of Pharmaceutics</i> , 2018, 548, 62-72.	2.6	9
482	Reduction-sensitive polymeric nanomedicines: An emerging multifunctional platform for targeted cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2018, 132, 16-32.	6.6	92
483	Negative dendritic effect on enzymatic hydrolysis of dendrimer conjugates. <i>Chemical Communications</i> , 2018, 54, 5956-5959.	2.2	14
484	Nanoparticle-Based Oral Drug Delivery Systems Targeting the Colon for Treatment of Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1401-1415.	0.9	105
485	Doxorubicin-conjugated pH-responsive gold nanorods for combined photothermal therapy and chemotherapy of cancer. <i>Bioactive Materials</i> , 2018, 3, 347-354.	8.6	66
486	Nanoparticle mucoadhesive system as a new tool for fish immune system modulation. <i>Fish and Shellfish Immunology</i> , 2018, 80, 651-654.	1.6	11
487	A review on pH and temperature responsive gels and other less explored drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 416-435.	1.4	60
488	Fluorous interaction induced self-assembly of tobacco mosaic virus coat protein for cisplatin delivery. <i>Nanoscale</i> , 2018, 10, 11732-11736.	2.8	20
489	Cationic poly(ester amide) dendrimers: alluring materials for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3956-3968.	2.9	13
490	Imidazole-Bearing Polymeric Micelles for Enhanced Cellular Uptake, Rapid Endosomal Escape, and On-demand Cargo Release. <i>AAPS PharmSciTech</i> , 2018, 19, 2610-2619.	1.5	16
491	Stimuli-responsive nanocomposites for drug delivery. , 2018, , 823-841.		2
492	Biomedical applications of functional peptides in nano-systems. <i>Materials Today Chemistry</i> , 2018, 9, 91-102.	1.7	37
493	Lanthanide-Doped Upconversion Nanocarriers for Drug and Gene Delivery. <i>Nanomaterials</i> , 2018, 8, 511.	1.9	46
494	Radiotherapy-Controllable Chemotherapy from Reactive Oxygen Species-Responsive Polymeric Nanoparticles for Effective Local Dual Modality Treatment of Malignant Tumors. <i>Biomacromolecules</i> , 2018, 19, 3825-3839.	2.6	22
495	Kidney-targeted drug delivery via rhein-loaded polyethyleneglycol- <i>co</i> -polycaprolactone- <i>co</i> -polyethyleneimine nanoparticles for diabetic nephropathy therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3507-3527.	3.3	49
496	Intracellular Delivery by Membrane Disruption: Mechanisms, Strategies, and Concepts. <i>Chemical Reviews</i> , 2018, 118, 7409-7531.	23.0	490

#	ARTICLE	IF	CITATIONS
497	Targeted Nanotheranostics for Selective Drug Delivery in Cancer. , 2018, , 245-277.		5
498	Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. Applied Sciences (Switzerland), 2018, 8, 845.	1.3	22
499	Targeting Delivery of Lidocaine and Cisplatin by Nanogel Enhances Chemotherapy and Alleviates Metastasis. ACS Applied Materials & Interfaces, 2018, 10, 25228-25240.	4.0	28
500	Bioresponsive functional nanogels as an emerging platform for cancer therapy. Expert Opinion on Drug Delivery, 2018, 15, 703-716.	2.4	40
501	Mesoporous Silica Nanoparticles for Drug Delivery: Current Insights. Molecules, 2018, 23, 47.	1.7	338
502	Liposomes: Clinical Applications and Potential for Image-Guided Drug Delivery. Molecules, 2018, 23, 288.	1.7	194
503	Design and Efficacy of Nanogels Formulations for Intranasal Administration. Molecules, 2018, 23, 1241.	1.7	46
504	Keratin-Templated Synthesis of Metallic Oxide Nanoparticles as MRI Contrast Agents and Drug Carriers. ACS Applied Materials & Interfaces, 2018, 10, 26039-26045.	4.0	36
505	Surface Modifications of Nanoparticles for Stability in Biological Fluids. Materials, 2018, 11, 1154.	1.3	352
506	Effective cancer therapy based on selective drug delivery into cells across their membrane using receptor-mediated endocytosis. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3015-3024.	1.0	45
507	Liposome-Assisted Metabolic Glycan Labeling With Cell and Tissue Selectivity. Methods in Enzymology, 2018, 598, 321-353.	0.4	7
508	Farnesylated Glycol Chitosan as a Platform for Drug Delivery: Synthesis, Characterization, and Investigation of Mucus-Particle Interactions. Biomacromolecules, 2018, 19, 3489-3501.	2.6	33
509	Self-immolative micellar drug delivery: The linker matters. Nano Research, 2018, 11, 6177-6189.	5.8	24
510	Bioinspired pH- and Temperature-Responsive Injectable Adhesive Hydrogels with Polyplexes Promotes Skin Wound Healing. Biomacromolecules, 2018, 19, 3536-3548.	2.6	89
511	MMP-Responsive "Smart" Drug Delivery and Tumor Targeting. Trends in Pharmacological Sciences, 2018, 39, 766-781.	4.0	185
512	Advances in Targeted Pesticides with Environmentally Responsive Controlled Release by Nanotechnology. Nanomaterials, 2018, 8, 102.	1.9	178
513	Multimodal Microscopy Distinguishes Extracellular Aggregation and Cellular Uptake of Single-Walled Carbon Nanohorns. Chemistry - A European Journal, 2018, 24, 14162-14170.	1.7	7
514	Cerasomes and Bicelles: Hybrid Bilayered Nanostructures With Silica-Like Surface in Cancer Theranostics. Frontiers in Chemistry, 2018, 6, 127.	1.8	25

#	ARTICLE	IF	CITATIONS
515	A Novel Metal-Based Imaging Probe for Targeted Dual-Modality SPECT/MR Imaging of Angiogenesis. <i>Frontiers in Chemistry</i> , 2018, 6, 224.	1.8	32
516	Light-Activated ROS-Responsive Nanoplatform Codelivering Apatinib and Doxorubicin for Enhanced Chemo-Photodynamic Therapy of Multidrug-Resistant Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17672-17684.	4.0	98
517	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8463-8467.	7.2	59
518	Fabrication, Characterization, and Biological Activity of Avermectin Nano-delivery Systems with Different Particle Sizes. <i>Nanoscale Research Letters</i> , 2018, 13, 2.	3.1	49
519	pH-Responsive diblock copolymers with two different fluorescent labels for simultaneous monitoring of micellar self-assembly and degree of protonation. <i>Polymer Chemistry</i> , 2018, 9, 2964-2976.	1.9	13
520	Smart polymersomes and hydrogels from polypeptide-based polymer systems through $\hat{\pm}$ -amino acid N-carboxyanhydride ring-opening polymerization. From chemistry to biomedical applications. <i>Progress in Polymer Science</i> , 2018, 83, 28-78.	11.8	74
521	Single quantum dot tracking reveals the impact of nanoparticle surface on intracellular state. <i>Nature Communications</i> , 2018, 9, 1830.	5.8	38
522	Sonochemical fabrication of reduction-responsive magnetic starch-based microcapsules. <i>Ultrasonics Sonochemistry</i> , 2018, 49, 169-174.	3.8	13
523	CeO <sub>2</sub> Nanoparticles-Loaded pH-Responsive Microparticles with Antitumoral Properties as Therapeutic Modulators for Osteosarcoma. <i>ACS Omega</i> , 2018, 3, 8952-8962.	1.6	31
524	Ultrasmlal gold nanosatellite-bearing transformable hybrid nanoparticles for deep tumor penetration. <i>Acta Biomaterialia</i> , 2018, 79, 294-305.	4.1	20
525	Recent advances in "smart" delivery systems for extended drug release in cancer therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4727-4745.	3.3	179
526	Sustainable strategies for large-scale nanotechnology manufacturing in the biomedical field. <i>Green Chemistry</i> , 2018, 20, 3897-3907.	4.6	35
527	Thermo- and pH-dual responsive polymeric micelles with upper critical solution temperature behavior for photoacoustic imaging-guided synergistic chemo-photothermal therapy against subcutaneous and metastatic breast tumors. <i>Theranostics</i> , 2018, 8, 4097-4115.	4.6	76
528	Amphiphilic core-shell nanoparticles: Synthesis, biophysical properties, and applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 68-81.	2.5	37
529	Dual-responsive dithio-polydopamine coated porous CeO <sub>2</sub> nanorods for targeted and synergistic drug delivery. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2161-2173.	3.3	43
530	Self-Assembling Ionic Polyphosphazenes and Their Biomedical Applications. <i>ACS Symposium Series</i> , 2018, , 27-49.	0.5	1
531	Let There be Light: Polymeric Micelles with Upper Critical Solution Temperature as Light-Triggered Heat Nanogenerators for Combating Drug-Resistant Cancer. <i>Small</i> , 2018, 14, e1802420.	5.2	63
532	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8005-8019.	6.6	227



#	ARTICLE	IF	CITATIONS
533	Coreâ€“Satellite Mesoporous Silicaâ€“Gold Nanotheranostics for Biological Stimuli Triggered Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1801961.	7.8	88
534	Tumor-pH-Sensitive PLLA-Based Microsphere with Acid Cleavable Acetal Bonds on the Backbone for Efficient Localized Chemotherapy. <i>Biomacromolecules</i> , 2018, 19, 3140-3148.	2.6	65
535	A multi-functional polymeric carrier for simultaneous positron emission tomography imaging and combination therapy. <i>Acta Biomaterialia</i> , 2018, 75, 312-322.	4.1	30
536	Real-time imaging tracking of a dual-fluorescent drug delivery system based on doxorubicin-loaded globin- polyethylenimine nanoparticles for visible tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 163-171.	2.5	16
537	Alleviating the Liver Toxicity of Chemotherapy via pH-Responsive Hepatoprotective Prodrug Micelles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21836-21846.	4.0	39
538	Microfluidic self-assembly of a combinatorial library of single- and dual-ligand liposomes for in vitro and in vivo tumor targeting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 1-10.	2.0	60
539	Development of Zwitterionic Polypeptide Nanoformulation with High Doxorubicin Loading Content for Targeted Drug Delivery. <i>Langmuir</i> , 2019, 35, 1273-1283.	1.6	61
540	NIR light triggered size variable â€œremote-controlled cluster bombâ€œfor deep penetration and tumor therapy. <i>Chemical Engineering Journal</i> , 2019, 375, 122080.	6.6	29
541	Design and Synthesis of Gatekeeper Coated Dendritic Silica/Titania Mesoporous Nanoparticles with Sustained and Controlled Drug Release Properties for Targeted Synergetic Chemo-Sonodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4405-4415.	2.6	57
542	Zwitterionic polypeptide nanomedicine with dual NIR/reduction-responsivity for synergistic cancer photothermal-chemotherapy. <i>Polymer Chemistry</i> , 2019, 10, 4825-4836.	1.9	14
543	A Multiâ€“crosslinking Nanocapsuleâ€“Based Serialâ€“Stimuliâ€“Responsive Leakageâ€“Free Drugâ€“Delivery System In Vitro. <i>Chemistry - A European Journal</i> , 2019, 25, 13017-13024.	1.7	3
544	Predicting the Time of Entry of Nanoparticles in Lipid Membranes. <i>ACS Nano</i> , 2019, 13, 10221-10232.	7.3	27
545	Tissue-Specific Delivery of Oligonucleotides. <i>Methods in Molecular Biology</i> , 2019, 2036, 17-50.	0.4	6
546	Bioinspired Coreâ€“Shell Nanoparticles for Hydrophobic Drug Delivery. <i>Angewandte Chemie</i> , 2019, 131, 14495-14502.	1.6	18
547	Targeting the transferrin receptor for brain drug delivery. <i>Progress in Neurobiology</i> , 2019, 181, 101665.	2.8	204
548	Polymeric Micelles Employing Platinum(II) Linker for the Delivery of the Kinase Inhibitor Dactolisib. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900236.	1.2	3
549	Identification and evaluation of novel drug combinations of Aurora kinase inhibitor CCT137690 for enhanced efficacy in oral cancer cells. <i>Cell Cycle</i> , 2019, 18, 2281-2292.	1.3	5
550	Nanoconjugation and Encapsulation Strategies for Improving Drug Delivery and Therapeutic Efficacy of Poorly Water-Soluble Drugs. <i>Pharmaceutics</i> , 2019, 11, 325.	2.0	56

#	ARTICLE	IF	CITATIONS
551	Novel nanostructure obtained from pacamã, Lophiosilurus alexandri, skin mucus presents potential as a bioactive carrier in fish. Aquaculture, 2019, 512, 734294.	1.7	2
552	Mesoscopic simulations of drug-loaded diselenide crosslinked micelles: Stability, drug loading and release properties. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110313.	2.5	19
553	Size-Tunable DNA-Based Micelles for Deep Tumor Penetration. Chem, 2019, 5, 1687-1689.	5.8	15
554	In situ real-time tracing of hierarchical targeting nanostructures in drug resistant tumors using diffuse fluorescence tomography. Chemical Science, 2019, 10, 7878-7886.	3.7	17
555	Manganese-Zeolitic Imidazolate Frameworks-90 with High Blood Circulation Stability for MRI-Guided Tumor Therapy. Nano-Micro Letters, 2019, 11, 61.	14.4	40
556	Bioinspired Core-Shell Nanoparticles for Hydrophobic Drug Delivery. Angewandte Chemie - International Edition, 2019, 58, 14357-14364.	7.2	85
557	Regulatory Science Objectives and Biomarker Qualification Through Public-Private Partnerships Are Critical to Delivering Innovative Treatments for CNS Diseases. Handbook of Behavioral Neuroscience, 2019, 29, 277-296.	0.7	0
558	Size-Tunable Assemblies Based on Ferrocene-Containing DNA Polymers for Spatially Uniform Penetration. Chem, 2019, 5, 1775-1792.	5.8	78
559	Adaptive Polymeric Assemblies for Applications in Biomimicry and Nanomedicine. Biomacromolecules, 2019, 20, 4053-4064.	2.6	21
560	Bioinspired Polymerization of Quercetin to Produce a Curcumin-Loaded Nanomedicine with Potent Cytotoxicity and Cancer-Targeting Potential in Vivo. ACS Biomaterials Science and Engineering, 2019, 5, 6036-6045.	2.6	34
561	Highly Biocompatible Functionalized Layer-by-Layer Ginger Lipid Nano Vectors Targeting P-selectin for Delivery of Doxorubicin to Treat Colon Cancer. Advanced Therapeutics, 2019, 2, 1900129.	1.6	17
562	Hydrophobized SN38 to redox-hypersensitive nanorods for cancer therapy. Journal of Materials Chemistry B, 2019, 7, 265-276.	2.9	22
563	Amino acid-intercalated layered double hydroxide core @ ordered porous silica shell as drug carriers: Design and applications. Journal of Materials Research, 2019, 34, 3747-3756.	1.2	6
564	Photosensitive Supramolecular Micelles with Complementary Hydrogen Bonding Motifs To Improve the Efficacy of Cancer Chemotherapy. Biomacromolecules, 2019, 20, 4535-4545.	2.6	21
565	A concise review on cancer treatment methods and delivery systems. Journal of Drug Delivery Science and Technology, 2019, 54, 101350.	1.4	60
566	Enzyme-Catalytic Self-Triggered Release of Drugs from a Nanosystem for Efficient Delivery to Nuclei of Tumor Cells. ACS Applied Materials & Interfaces, 2019, 11, 43581-43587.	4.0	18
567	Anticancer Properties of Lipidated Peptide Drug Supramolecular Self-Assemblies with Enhanced Stability. ACS Applied Bio Materials, 2019, 2, 5995-6003.	2.3	11
568	Multifunctional Nanorobot System for Active Therapeutic Delivery and Synergistic Chemo-photothermal Therapy. Nano Letters, 2019, 19, 8550-8564.	4.5	79



#	ARTICLE	IF	CITATIONS
569	Graphene-based drug delivery systems. , 2019, , 149-168.		10
570	Targeting of Nanotherapeutics to Infection Sites for Antimicrobial Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1900095.	1.6	12
571	Ultra-sensitive Biopolymer Micelles Based on Nuclear Base Pairs for Specific Tumor-Targeted Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900309.	1.1	4
572	Enhanced generation efficiency of singlet oxygen for methylene blue released from hydroxyapatite-MB@tannic acid-Fe(III) ions. <i>Pigment and Resin Technology</i> , 2019, 48, 185-196.	0.5	4
573	Combinatorial photochemotherapy on liver cancer stem cells with organoplatinum( <i>II</i> ) metallacage-based nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6476-6487.	2.9	27
574	Ultrafine Nanoparticles of Poly(Methyl Methacrylate- <i>co</i> -Methacrylic Acid) Loaded with Aspirin. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-9.	1.5	5
575	Pluronic F127 self-assembled MoS <sub>2</sub> nanocomposites as an effective glutathione responsive anticancer drug delivery system. <i>RSC Advances</i> , 2019, 9, 25592-25601.	1.7	11
576	Imaging the Pore Structure in Geomaterials Using Rhodamine B Covalently Decorated Magnetic Nanoparticles. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2482-2489.	1.2	1
577	Silk Fibroin as a Functional Biomaterial for Drug and Gene Delivery. <i>Pharmaceutics</i> , 2019, 11, 494.	2.0	121
578	Employment of enhanced permeability and retention effect (EPR): Nanoparticle-based precision tools for targeting of therapeutic and diagnostic agent in cancer. <i>Materials Science and Engineering C</i> , 2019, 98, 1252-1276.	3.8	536
579	Enzymatic synthesis of PEG-poly(amine- <i>co</i> -thioether esters) as highly efficient pH and ROS dual-responsive nanocarriers for anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 651-664.	2.9	19
580	Stimuli-responsive polyvinylpyrrolidone-NIPPA-lysine graphene oxide nano-hybrid as an anticancer drug delivery on MCF7 cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 443-454.	1.9	17
581	Bioceramics: from bone substitutes to nanoparticles for drug delivery. <i>Pure and Applied Chemistry</i> , 2019, 91, 687-706.	0.9	21
582	Rod-Shaped Micelles Based on PHF- <i>g</i> -(PCL-PEG) with pH-Triggered Doxorubicin Release and Enhanced Cellular Uptake. <i>Biomacromolecules</i> , 2019, 20, 1167-1177.	2.6	31
583	Magnetic nanocarriers: Evolution of spinel ferrites for medical applications. <i>Advances in Colloid and Interface Science</i> , 2019, 265, 29-44.	7.0	397
584	Neutrophil Membrane-Derived Nanovesicles Alleviate Inflammation To Protect Mouse Brain Injury from Ischemic Stroke. <i>ACS Nano</i> , 2019, 13, 1272-1283.	7.3	135
585	Rational Design of Cancer Nanomedicine for Simultaneous Stealth Surface and Enhanced Cellular Uptake. <i>ACS Nano</i> , 2019, 13, 954-977.	7.3	156
586	Peptidic Monodisperse PEG-combs-with Fine-Tunable LCST and Multiple Imaging Modalities. <i>Biomacromolecules</i> , 2019, 20, 1281-1287.	2.6	20

#	ARTICLE	IF	CITATIONS
587	Responsive Polymeric Nanotherapeutics. , 2019, , 67-121.		3
588	A novel strategy based on a ligand-switchable nanoparticle delivery system for deep tumor penetration. <i>Nanoscale Horizons</i> , 2019, 4, 658-666.	4.1	29
589	Albumin conjugates and assemblies as versatile bio-functional additives and carriers for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 357-367.	2.9	62
590	Stimuli-responsive multifunctional metal-organic framework nanoparticles for enhanced chemo-photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 994-1004.	2.9	83
591	MRI-visible and pH-sensitive micelles loaded with doxorubicin for hepatoma treatment. <i>Biomaterials Science</i> , 2019, 7, 1529-1542.	2.6	30
592	Magnetic liposome design for drug release systems responsive to super-low frequency alternating current magnetic field (AC MF). <i>Journal of Colloid and Interface Science</i> , 2019, 552, 689-700.	5.0	45
593	Editing the Central Nervous System Through CRISPR/Cas9 Systems. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 110.	1.4	31
594	Ultralong tumor retention of theranostic nanoparticles with short peptide-enabled active tumor homing. <i>Materials Horizons</i> , 2019, 6, 1845-1853.	6.4	27
595	A pH and reduction dual-sensitive polymeric nanomicelle for tumor microenvironment triggered cellular uptake and controlled intracellular drug release. <i>Biomaterials Science</i> , 2019, 7, 3821-3831.	2.6	21
596	Tailoring the lipid composition of nanoparticles modulates their cellular uptake and affects the viability of triple negative breast cancer cells. <i>Journal of Controlled Release</i> , 2019, 307, 331-341.	4.8	58
597	Pyridyl Disulfide Functionalized Polymers as Nanotherapeutic Platforms. <i>Advanced Therapeutics</i> , 2019, 2, 1900062.	1.6	20
598	InSe Nanosheets for Efficient NIR-II-Responsive Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27521-27528.	4.0	30
599	Advanced drug delivery system with nanomaterials for personalised medicine to treat breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 1051-1060.	1.4	37
600	Peptide-functionalized NaGdF <sub>4</sub> nanoparticles for tumor-targeted magnetic resonance imaging and effective therapy. <i>RSC Advances</i> , 2019, 9, 17093-17100.	1.7	16
601	Nuclear imaging of liposomal drug delivery systems: A critical review of radiolabelling methods and applications in nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2019, 143, 134-160.	6.6	101
602	Self-assembling of graphene oxide on carbon quantum dot loaded liposomes. <i>Materials Science and Engineering C</i> , 2019, 103, 109860.	3.8	9
603	Ionic Microgel Loaded with Gold Nanoparticles for the Synergistic Dual-Drug Delivery of Doxorubicin and Diclofenac Sodium. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 10922-10930.	1.8	22
604	Transistor-like Ultra-pH-Sensitive Polymeric Nanoparticles. <i>Accounts of Chemical Research</i> , 2019, 52, 1485-1495.	7.6	33

#	ARTICLE	IF	CITATIONS
605	Construction of a graphene/polypyrrole composite electrode as an electrochemically controlled release system. <i>RSC Advances</i> , 2019, 9, 12667-12674.	1.7	13
606	FÅ–rster resonance energy transfer (FRET)-based biosensors for biological applications. <i>Biosensors and Bioelectronics</i> , 2019, 138, 111314.	5.3	148
607	Synthesis of Doxorubicin and miRNA Stimuli-Sensitive Conjugates for Combination Therapy. <i>Methods in Molecular Biology</i> , 2019, 1974, 99-109.	0.4	1
608	Chimeric peptide nanorods for plasma membrane and nuclear targeted photosensitizer delivery and enhanced photodynamic therapy. <i>Applied Materials Today</i> , 2019, 16, 120-131.	2.3	24
609	Polymer Derivatives of Anticancer Drugs: Features of Synthesis and Biological Activity. Review <i>Journal of Chemistry</i> , 2019, 9, 1-11.	1.0	1
610	Peptide-modulated self-assembly as a versatile strategy for tumor supramolecular nanotheranostics. <i>Theranostics</i> , 2019, 9, 3249-3261.	4.6	60
611	TPP1 OB-fold domain protein suppresses cell proliferation and induces cell apoptosis by inhibiting telomerase recruitment to telomeres in human lung cancer cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1509-1519.	1.2	6
612	Polymerâ€“Doxorubicin Prodrug with Biocompatibility, pH Response, and Main Chain Breakability Prepared by Catalyst-Free Click Reaction. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2307-2315.	2.6	29
613	Integration of biological systems with electronic-mechanical assemblies. <i>Acta Biomaterialia</i> , 2019, 95, 91-111.	4.1	23
614	Recent advances in photodynamic therapy for cancer and infectious diseases. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1560.	3.3	113
615	Effect of pH on Albumin Binding with Hydrophobic Porphyrins. <i>Russian Journal of General Chemistry</i> , 2019, 89, 565-569.	0.3	1
616	Magnetic mesoporous silica nanoparticles functionalized by pH-sensitive caps for DOX release. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1801-1808.	1.2	0
617	Recent advances in the development of polyethylenimine-based gene vectors for safe and efficient gene delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 363-376.	2.4	43
618	Single-Layer Assembly of Multifunctional Carboxymethylcellulose on Graphene Oxide Nanoparticles for Improving in Vivo Curcumin Delivery into Tumor Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2595-2609.	2.6	30
619	Colloidal Drug Aggregate Stability in High Serum Conditions and Pharmacokinetic Consequence. <i>ACS Chemical Biology</i> , 2019, 14, 751-757.	1.6	25
620	Synergistically enhanced anticancer effect of codelivered curcumin and siPlk1 by stimuli-responsive Î±-lactalbumin nanospheres. <i>Nanomedicine</i> , 2019, 14, 595-612.	1.7	15
621	pH-responsive and targeted delivery of curcumin via phenylboronic acid-functionalized ZnO nanoparticles for breast cancer therapy. <i>Journal of Advanced Research</i> , 2019, 18, 161-172.	4.4	142
622	Reactive Oxygen Species (ROS)-Degradable Polymeric Nanoplatform for Hypoxia-Targeted Gene Delivery: Unpacking DNA and Reducing Toxicity. <i>Biomacromolecules</i> , 2019, 20, 1899-1913.	2.6	24

#	ARTICLE	IF	CITATIONS
623	Recent advances of stimuli-responsive systems based on transition metal dichalcogenides for smart cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2588-2607.	2.9	29
624	Wavelength-Tunable Light-Induced Polymerization of Cyanoacrylates Using Photogenerated Amines. <i>Macromolecules</i> , 2019, 52, 2329-2339.	2.2	14
625	Stimuli-responsive polymersomes for cancer therapy. , 2019, , 413-438.		18
626	Multifunctional hyaluronate “nanoparticle hybrid systems for diagnostic, therapeutic and theranostic applications. <i>Journal of Controlled Release</i> , 2019, 303, 55-66.	4.8	24
627	Two-in-One Chemogene Assembled from Drug-Integrated Antisense Oligonucleotides To Reverse Chemoresistance. <i>Journal of the American Chemical Society</i> , 2019, 141, 6955-6966.	6.6	84
628	Spermine modified polymeric micelles with pH-sensitive drug release for targeted and enhanced antitumor therapy. <i>RSC Advances</i> , 2019, 9, 11026-11037.	1.7	19
629	Bacterial acidity-triggered antimicrobial activity of self-assembling peptide nanofibers. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2915-2919.	2.9	22
630	Downregulation of A2AR by siRNA loaded PEG-chitosan-lactate nanoparticles restores the T cell mediated anti-tumor responses through blockage of PKA/CREB signaling pathway. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 436-445.	3.6	58
631	Tumor microenvironment as the “regulator” and “target” for gene therapy. <i>Journal of Gene Medicine</i> , 2019, 21, e3088.	1.4	40
632	Nanomaterials-Based siRNA Delivery: Routes of Administration, Hurdles and Role of Nanocarriers. , 2019, , 67-114.		19
633	Highly Effective Photocontrollable Drug Delivery Systems Based on Ultrasensitive Light-Responsive Self-Assembled Polymeric Micelles: An <i>in Vitro</i> Therapeutic Evaluation. <i>ACS Applied Bio Materials</i> , 2019, 2, 2162-2170.	2.3	20
634	Hybrid polymeric systems of mesoporous silica/hydroxyapatite nanoparticles applied as antitumor drug delivery platform. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1836-1849.	1.1	16
635	A switchable NO-releasing nanomedicine for enhanced cancer therapy and inhibition of metastasis. <i>Nanoscale</i> , 2019, 11, 5474-5488.	2.8	57
636	Smart triblock dendritic unimolecular micelles as pioneering nanomaterials: Advancement pertaining to architecture and biomedical applications. <i>Journal of Controlled Release</i> , 2019, 299, 64-89.	4.8	32
637	Supramolekulare Schalter auf der Basis von Cucurbit[8]uril (CB[8]). <i>Angewandte Chemie</i> , 2019, 131, 409-422.	1.6	31
638	Smart internal and external stimuli-responsive nanocarriers for image-guided drug delivery and therapy. , 2019, , 197-217.		0
639	Light-triggered release of photocaged therapeutics - Where are we now?. <i>Journal of Controlled Release</i> , 2019, 298, 154-176.	4.8	105
640	The blood“brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 359-379.	1.7	41

#	ARTICLE	IF	CITATIONS
641	Precise design of nanomedicines: perspectives for cancer treatment. National Science Review, 2019, 6, 1107-1110.	4.6	34
642	Smart Polymeric Nanocarriers for Drug Delivery. , 2019, , 439-479.		9
643	Photo-triggerable liposomal drug delivery systems: from simple porphyrin insertion in the lipid bilayer towards supramolecular assemblies of lipid-porphyrin conjugates. Journal of Materials Chemistry B, 2019, 7, 1805-1823.	2.9	34
644	Nanotechnology in the diagnosis and treatment of lung cancer. , 2019, 198, 189-205.		106
645	In Situ Loading and Delivery of Short Single- and Double-Stranded DNA by Supramolecular Organic Frameworks. CCS Chemistry, 2019, 1, 156-165.	4.6	50
646	Conjugation of Urokinase to Water-Soluble Magnetic Nanoparticles for Enhanced Thrombolysis. Applied Sciences (Switzerland), 2019, 9, 4862.	1.3	4
647	Stimuli-responsive nano drug delivery systems for anticancer therapy. , 2019, , 125-148.		3
648	Bacteria-Responsive Biomimetic Selenium Nanosystem for Multidrug-Resistant Bacterial Infection Detection and Inhibition. ACS Nano, 2019, 13, 13965-13984.	7.3	140
649	Enhanced Water Stability and Photoresponsivity in Metal-Organic Framework (MOF): A Potential Tool to Combat Drug-resistant Bacteria. Scientific Reports, 2019, 9, 19372.	1.6	76
650	Nanogels as drug-delivery systems: a comprehensive overview. Therapeutic Delivery, 2019, 10, 697-717.	1.2	109
651	The Use of Nanomedicine for Targeted Therapy against Bacterial Infections. Antibiotics, 2019, 8, 260.	1.5	38
652	A novel drug-drug nanohybrid for the self-delivery of porphyrin and <i>cis</i> -platinum. RSC Advances, 2019, 9, 37003-37008.	1.7	3
653	Concept of hierarchical biodegradable anticancer nanoagent based on layered hydroxide. AIP Conference Proceedings, 2019, , .	0.3	0
654	Photo-controlled release of paclitaxel and model drugs from RNA pyramids. Nano Research, 2019, 12, 41-48.	5.8	32
655	Stimuli-responsive nanoscale drug delivery systems for cancer therapy. Journal of Drug Targeting, 2019, 27, 423-433.	2.1	93
656	The effect of low- and high-penetration light on localized cancer therapy. Advanced Drug Delivery Reviews, 2019, 138, 105-116.	6.6	44
657	Anti-tumour activity of low molecular weight heparin doxorubicin nanoparticles for histone H1 high-expressive prostate cancer PC-3M cells. Journal of Controlled Release, 2019, 295, 102-117.	4.8	15
658	Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. Pharmaceutics, 2019, 11, 3.	2.0	33

#	ARTICLE	IF	CITATIONS
659	Photothermally controlled drug release system with high dose loading for synergistic chemo-photothermal therapy of multidrug resistance cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 239-247.	2.5	28
660	A biomimetic cascade nanoreactor for tumor targeted starvation therapy-amplified chemotherapy. <i>Biomaterials</i> , 2019, 195, 75-85.	5.7	127
661	Vascular targeted chitosan-derived nanoparticles as docetaxel carriers for gastric cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 662-672.	3.6	41
662	Hybrid membranes of lipids and diblock copolymers: From homogeneity to rafts to phase separation. <i>Physical Review E</i> , 2019, 99, 012403.	0.8	18
663	Curcumin in combination with anti-cancer drugs: A nanomedicine review. <i>Pharmacological Research</i> , 2019, 139, 91-105.	3.1	111
664	Functional Nanomaterials Optimized to Circumvent Tumor Immunological Tolerance. <i>Advanced Functional Materials</i> , 2019, 29, 1806087.	7.8	21
665	Cucurbit[8]uril (CB[8])-Based Supramolecular Switches. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 403-416.	7.2	129
666	Progress in Tumor-Associated Macrophages: From Bench to Bedside. <i>Advanced Biology</i> , 2019, 3, e1800232.	3.0	12
667	pH/NIR-responsive semiconducting polymer nanoparticles for highly effective photoacoustic image guided chemo-photothermal synergistic therapy. <i>Journal of Controlled Release</i> , 2019, 293, 94-103.	4.8	36
668	Delivery of Cancer Nanotherapeutics. <i>Bioanalysis</i> , 2019, , 163-205.	0.1	2
669	Ultralong Circulating Lollipop-Like Nanoparticles Assembled with Gossypol, Doxorubicin, and Polydopamine via $\pi$ - $\pi$ Stacking for Synergistic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1805582.	7.8	93
670	Topical and Transdermal Nanomedicines for Cancer Therapy. <i>Bioanalysis</i> , 2019, , 231-251.	0.1	2
671	Nanotheranostics for Cancer Applications. <i>Bioanalysis</i> , 2019, , .	0.1	3
672	Real-Time Detection of Nanoparticles Interaction with Lipid Membranes Using an Integrated Acoustical and Electrical Multimode Biosensor. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800370.	1.2	2
673	Ultrasound triggered phase-change nanodroplets for doxorubicin prodrug delivery and ultrasound diagnosis: An in vitro study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 416-425.	2.5	32
674	Cascade enzymes within self-assembled hybrid nanogel mimicked neutrophil lysosomes for singlet oxygen elevated cancer therapy. <i>Nature Communications</i> , 2019, 10, 240.	5.8	143
675	Sodium bicarbonate nanoparticles modulate the tumor pH and enhance the cellular uptake of doxorubicin. <i>Journal of Controlled Release</i> , 2019, 296, 1-13.	4.8	61
676	Glutathione-responsive PEGylated CQD-based nanomaterials for diagnosis and treatment of breast cancer. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 301-307.	2.9	18

#	ARTICLE	IF	CITATIONS
677	Peptide functionalized dual-responsive chitosan nanoparticles for controlled drug delivery to breast cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 564, 122-130.	2.3	44
678	Shedding light on gene therapy: Carbon dots for the minimally invasive image-guided delivery of plasmids and noncoding RNAs - A review. <i>Journal of Advanced Research</i> , 2019, 18, 81-93.	4.4	102
679	Material solutions for delivery of CRISPR/Cas-based genome editing tools: Current status and future outlook. <i>Materials Today</i> , 2019, 26, 40-66.	8.3	89
680	Co <sup>1+</sup> XZn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> based nanocarriers for dual-targeted anticancer drug delivery: Synthesis, characterization and in vivo and in vitro biocompatibility study. <i>Journal of Molecular Liquids</i> , 2019, 274, 60-67.	2.3	42
681	Engineering Nanoparticles for Targeted Delivery of Nucleic Acid Therapeutics in Tumor. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 12, 1-18.	1.8	100
682	Nanopharmaceuticals as Drug-Delivery Systems. , 2019, , 133-154.		11
683	Advances on non-invasive physically triggered nucleic acid delivery from nanocarriers. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 3-17.	6.6	30
684	Mechanism for Development of Nanobased Drug Delivery System. , 2019, , 35-67.		28
685	Combatting antibiotic-resistant bacteria using nanomaterials. <i>Chemical Society Reviews</i> , 2019, 48, 415-427.	18.7	695
686	Cabazitaxel-loaded Poly(2-ethylbutyl cyanoacrylate) nanoparticles improve treatment efficacy in a patient derived breast cancer xenograft. <i>Journal of Controlled Release</i> , 2019, 293, 183-192.	4.8	38
687	Overcoming chemotherapy resistance via simultaneous drug-efflux circumvention and mitochondrial targeting. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 615-625.	5.7	61
688	Aggregation-induced emission (AIE) fluorophores as imaging tools to trace the biological fate of nano-based drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2019, 143, 161-176.	6.6	95
689	ROS-sensitive thioketal-linked polyphosphoester-doxorubicin conjugate for precise phototriggered locoregional chemotherapy. <i>Biomaterials</i> , 2019, 188, 74-82.	5.7	148
690	Dual and multiple stimuli-responsive platonic micelles bearing disaccharides. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 8-15.	5.0	7
691	Medical Applications of Polymer/Functionalized Nanoparticle Systems. , 2019, , 381-404.		3
692	Construction of nanomaterials with targeting phototherapy properties to inhibit resistant bacteria and biofilm infections. <i>Chemical Engineering Journal</i> , 2019, 358, 74-90.	6.6	170
693	Fabrication and biomedical potential of nanogels: An overview. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 287-296.	1.8	23
694	Design and fabrication of dual-targeted delivery system based on gemcitabine-conjugated human serum albumin nanoparticles. <i>Chemical Biology and Drug Design</i> , 2020, 96, 745-757.	1.5	8



#	ARTICLE	IF	CITATIONS
695	Prevention of breast cancer by dietary polyphenolsâ€™role of cancer stem cells. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 810-825.	5.4	38
696	The cell resealing technique for manipulating, visualizing, and elucidating molecular functions in living cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129329.	1.1	9
697	Protein-loaded soluble and nanoparticulate formulations of ionic polyphosphazenes and their interactions on molecular and cellular levels. <i>Materials Science and Engineering C</i> , 2020, 106, 110179.	3.8	15
698	Engineered antibody-functionalized porous silicon nanoparticles for therapeutic targeting of pro-survival pathway in endogenous neuroblasts after stroke. <i>Biomaterials</i> , 2020, 227, 119556.	5.7	23
699	Multifunctional nanoplatforms for subcellular delivery of drugs in cancer therapy. <i>Progress in Materials Science</i> , 2020, 107, 100599.	16.0	138
700	Fluorouracil neutrophil extracellular traps formation inhibited by polymer nanoparticle shielding. <i>Materials Science and Engineering C</i> , 2020, 108, 110382.	3.8	13
701	Photoactive Nanocarriers for Controlled Delivery. <i>Advanced Functional Materials</i> , 2020, 30, 1903896.	7.8	38
703	Hypoxia-induced activity loss of a photo-responsive microtubule inhibitor azobenzene combretastatin A4. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 880-888.	2.3	15
704	Biological response and cytotoxicity induced by lipid nanocapsules. <i>Journal of Nanobiotechnology</i> , 2020, 18, 5.	4.2	26
705	Co-delivery of dual chemo-drugs with precisely controlled, high drug loading polymeric micelles for synergistic anti-cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 949-959.	2.6	39
706	Development of glycyrrhizin-conjugated, chitosan-coated, lysine-embedded mesoporous silica nanoparticles for hepatocyte-targeted liver tissue regeneration. <i>Materialia</i> , 2020, 9, 100568.	1.3	15
707	Hydrogel-Based Controlled Drug Delivery for Cancer Treatment: A Review. <i>Molecular Pharmaceutics</i> , 2020, 17, 373-391.	2.3	134
708	Construction of dual nanomedicines for the imaging and alleviation of atherosclerosis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 169-179.	1.9	32
709	Organic Small Molecule Based Photothermal Agents with Molecular Rotors for Malignant Breast Cancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1907093.	7.8	84
710	Intracellular Delivery of Exogenous Macromolecules into Human Mesenchymal Stem Cells by Double Deformation of the Plasma Membrane. <i>Advanced Therapeutics</i> , 2020, 3, 1900130.	1.6	11
711	Dual-Stimuli-Responsive Polypeptide Nanoparticles for Photothermal and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 561-569.	2.3	29
712	Biodegradable hybrid block copolymer â€œ lipid vesicles as potential drug delivery systems. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 418-428.	5.0	48
713	Liposomal delivery system. , 2020, , 145-152.		5



#	ARTICLE	IF	CITATIONS
714	Injection of a Fluorescent Microsensor into a Specific Cell by Laser Manipulation and Heating with Multiple Wavelengths of Light. , 2020, , .		0
715	Potential of mucoadhesive nanocapsules in drug release and toxicology in zebrafish. PLoS ONE, 2020, 15, e0238823.	1.1	11
716	Redox-sensitive nanoscale drug delivery systems for cancer treatment. International Journal of Pharmaceutics, 2020, 589, 119882.	2.6	65
717	Quantitative determination of <sup>64</sup> Cu-liposome accumulation at inflammatory and infectious sites: Potential for future theranostic system. Journal of Controlled Release, 2020, 327, 737-746.	4.8	14
718	Encapsulation of a Ru(II-p-cymene) complex of the antibacterial drug trimethoprim into a polydiacetylene-phospholipid assembly to enhance its <i>in vitro</i> anticancer and antibacterial activities. New Journal of Chemistry, 2020, 44, 20047-20059.	1.4	9
719	Lapatinib-loaded acidity-triggered charge switchable polycarbonate-doxorubicin conjugate micelles for synergistic breast cancer chemotherapy. Acta Biomaterialia, 2020, 118, 182-195.	4.1	24
720	A pH-Sensitive Self-Assembled and Carrier-Free Nanoparticle Based on Charge Reversal for Enhanced Synergistic Chemo-Phototherapy. Advanced Healthcare Materials, 2020, 9, e2000899.	3.9	17
721	Doxorubicin-loaded micelles with high drug-loading capacity and stability based on zwitterionic oligopeptides. New Journal of Chemistry, 2020, 44, 12633-12638.	1.4	6
722	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
723	Structural Evolution and Stability Trend of Small-Sized Gold Clusters Au <sub>n</sub> ( <i>n</i> = 20-30). Journal of Physical Chemistry A, 2020, 124, 1289-1299.	1.1	23
724	Translational Nano-medicine Lab to Clinic. , 2020, , 141-162.		8
725	&lt;p&gt;Biomedical Applications of Multifunctional Polymeric Nanocarriers: A Review of Current Literature&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 8673-8696.	3.3	46
726	Editorial: Delivery of Locally-Acting Agents to Intracellular Targets. Frontiers in Pharmacology, 2020, 11, 593064.	1.6	2
727	Microenvironment-Triggered Degradable Hydrogel for Imaging Diagnosis and Combined Treatment of Intraocular Choroidal Melanoma. ACS Nano, 2020, 14, 15403-15416.	7.3	38
728	Temperature-Responsive Janus Particles as Microsurfactants for On-Demand Coalescence of Emulsions. Small, 2020, 16, e2005159.	5.2	18
729	Magnetofluorescent Nanoprobe for Multimodal and Multicolor Bioimaging. Molecular Imaging, 2020, 19, 153601212096947.	0.7	2
730	Advances in oligonucleotide drug delivery. Nature Reviews Drug Discovery, 2020, 19, 673-694.	21.5	1,036
731	Recent Progress on Activatable Nanomedicines for Immunometabolic Combinational Cancer Therapy. Small Structures, 2020, 1, 2000026.	6.9	54

#	ARTICLE	IF	CITATIONS
732	Drug-loaded polymeric nanoparticles: a review. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 1-13.	1.8	56
733	Recent advances on peptide-based theranostic nanomaterials. <i>View</i> , 2020, 1, 20200050.	2.7	24
734	Synthesis of HA-SS-MP: A Prodrug With High Specificity for Cancer Cells. <i>Natural Product Communications</i> , 2020, 15, 1934578X2093276.	0.2	1
735	Enzyme-Responsive Nanoparticles for Anti-tumor Drug Delivery. <i>Frontiers in Chemistry</i> , 2020, 8, 647.	1.8	67
736	Photocontrolled activation of small molecule cancer therapeutics. <i>RSC Medicinal Chemistry</i> , 2020, 11, 982-1002.	1.7	18
737	Self-assembly of a robust, reduction-sensitive camptothecin nanotube. <i>Chemical Communications</i> , 2020, 56, 10337-10340.	2.2	9
738	General Nanomedicine Platform by Solvent-Mediated Disassembly/Reassembly of Scalable Natural Polyphenol Colloidal Spheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37914-37928.	4.0	25
739	Controlled anti-cancer drug release through advanced nano-drug delivery systems: Static and dynamic targeting strategies. <i>Journal of Controlled Release</i> , 2020, 327, 316-349.	4.8	236
740	Development of High-Drug-Loading Nanoparticles. <i>ChemPlusChem</i> , 2020, 85, 2143-2157.	1.3	128
741	Targeting Gemcitabine hydrochloride to tumor microenvironment through stimuli-responsive Nano-conjugate: Synthesis, characterization, and in vitro assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101981.	1.4	2
742	Drug-Bearing Peptide-Based Nanospheres for the Inhibition of Metastasis and Growth of Cancer. <i>Molecular Pharmaceutics</i> , 2020, 17, 3165-3176.	2.3	12
743	Parameters and Strategies to Overcome Barriers to Systemic Delivery. <i>Healthy Ageing and Longevity</i> , 2020, , 447-475.	0.2	1
744	Recent Advances in Nanocarrier-Assisted Therapeutics Delivery Systems. <i>Pharmaceutics</i> , 2020, 12, 837.	2.0	99
745	Targeted and redox-responsive drug delivery systems based on carbonic anhydrase IX-decorated mesoporous silica nanoparticles for cancer therapy. <i>Scientific Reports</i> , 2020, 10, 14447.	1.6	40
746	Exploiting nanoscale cooperativity for precision medicine. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 63-72.	6.6	17
747	Zwitterionic Polypeptide-Based Nanodrug Augments pH-Triggered Tumor Targeting <i>via</i> Prolonging Circulation Time and Accelerating Cellular Internalization. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 46639-46652.	4.0	14
748	Multifunctional nano-enabled delivery systems in Alzheimer's disease management. <i>Biomaterials Science</i> , 2020, 8, 5538-5554.	2.6	14
749	Cathepsin B-Responsive Liposomes for Controlled Anticancer Drug Delivery in Hep G2 Cells. <i>Pharmaceutics</i> , 2020, 12, 876.	2.0	29

#	ARTICLE	IF	CITATIONS
750	Liquid crystalline nanodispersion functionalized with cell-penetrating peptides improves skin penetration and anti-inflammatory effect of lipoic acid after in vivo skin exposure to UVB radiation. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1810-1828.	3.0	10
751	Synthesis of Heterofunctional Polyester Dendrimers with Internal and External Functionalities as Versatile Multipurpose Platforms. <i>Biomacromolecules</i> , 2020, 21, 4273-4279.	2.6	14
752	Characteristics of Molecularly Engineered Anticancer Drug Conjugated Organic Nanomicelles for Site-Selective Cancer Cell Rupture and Growth Inhibition of Tumor Spheroids. <i>ACS Applied Bio Materials</i> , 2020, 3, 7067-7079.	2.3	4
753	Smart stimuli-responsive biopolymeric nanomedicines for targeted therapy of solid tumors. <i>Nanomedicine</i> , 2020, 15, 2171-2200.	1.7	29
754	The Coppery Age: Copper (Cu)-Involved Nanotheranostics. <i>Advanced Science</i> , 2020, 7, 2001549.	5.6	126
755	A library of aminoglycoside-derived lipopolymer nanoparticles for delivery of small molecules and nucleic acids. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8558-8572.	2.9	3
756	Tumor Microenvironment-Stimuli Responsive Nanoparticles for Anticancer Therapy. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 610533.	1.6	60
757	Reactive Oxygen Species Self-Sufficient Multifunctional Nanoplatform for Synergistic Chemo-Photodynamic Therapy with Red/Near-Infrared Dual-Imaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 9135-9144.	2.3	7
758	Neutrophils and Macrophages as Targets for Development of Nanotherapeutics in Inflammatory Diseases. <i>Pharmaceutics</i> , 2020, 12, 1222.	2.0	49
759	Magnetically responsive polycaprolactone nanocarriers for application in the biomedical field: magnetic hyperthermia, magnetic resonance imaging, and magnetic drug delivery. <i>RSC Advances</i> , 2020, 10, 43607-43618.	1.7	14
760	Biodegradable Silica-Based Nanoparticles with Improved and Safe Delivery of Protoporphyrin IX for the In Vivo Photodynamic Therapy of Breast Cancer. <i>Advanced Therapeutics</i> , 2020, 3, 2000022.	1.6	12
761	Electrochemical System Encapsulated by Nanoscale Liposomes Enabling On-Demand Triggering of Electroless Deposition at Selected Areas. <i>ACS Applied Nano Materials</i> , 2020, 3, 5098-5106.	2.4	2
762	Light-triggered release of conventional local anesthetics from a macromolecular prodrug for on-demand local anesthesia. <i>Nature Communications</i> , 2020, 11, 2323.	5.8	40
763	Characterization of the DNA and Membrane Interactions of a Bioreducible Cell-Penetrating Foldamer in its Monomeric and Dimeric Form. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4476-4486.	1.2	6
764	Organ-Restricted Vascular Delivery of Nanoparticles for Lung Cancer Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000017.	1.6	7
765	Dendrimer grafted persistent luminescent nanoplatform for aptamer guided tumor imaging and acid-responsive drug delivery. <i>Talanta</i> , 2020, 219, 121209.	2.9	44
766	Combo-targeted nanoassemblies as a chemotherapy delivery system against peritoneal carcinomatosis colorectal cancer. <i>Biomaterials Science</i> , 2020, 8, 3885-3895.	2.6	9
767	Facile preparation of pH/reduction dual-stimuli responsive dextran nanogel as environment-sensitive carrier of doxorubicin. <i>Polymer</i> , 2020, 200, 122585.	1.8	38

#	ARTICLE	IF	CITATIONS
768	Hollow Mesoporous Bi@PEG-FA Nanoshell as a Novel Dual-Stimuli-Responsive Nanocarrier for Synergistic Chemo-Photothermal Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31172-31181.	4.0	31
769	Modular Assembly of Versatile Nanoparticles with Epigallocatechin Gallate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9833-9845.	3.2	35
770	A polymeric prodrug for non-invasive, real-time reporting drug release based on "turn-on" fluorescent probes. <i>Reactive and Functional Polymers</i> , 2020, 154, 104649.	2.0	2
771	Azobenzene Photoswitch for Isomerization-Dependent Cancer Therapy via Azo-Combretastatin A4 and Phototrexate. <i>Photochemistry and Photobiology</i> , 2020, 96, 1163-1168.	1.3	23
772	Macrophage-cancer hybrid membrane-coated nanoparticles for targeting lung metastasis in breast cancer therapy. <i>Journal of Nanobiotechnology</i> , 2020, 18, 92.	4.2	110
774	Sulfur dioxide signaling molecule-responsive polymeric nanoparticles. <i>Biomaterials Science</i> , 2020, 8, 2300-2307.	2.6	9
775	Temperature-Responsive Molecular Assemblies Using Oligo(Ethylene Glycol)-Attached Polyamidoamine Dendron Lipids and their Functions as Drug Carriers. <i>Journal of Functional Biomaterials</i> , 2020, 11, 16.	1.8	3
776	pH-sensitive natural almond gum hydrocolloid based magnetic nanocomposites for theragnostic applications. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 256-266.	3.6	11
777	Immunomodulatory and antioxidant effects of Astragalus polysaccharide liposome in large yellow croaker ( <i>Larimichthys crocea</i> ). <i>Fish and Shellfish Immunology</i> , 2020, 100, 126-136.	1.6	38
778	Advanced in developmental organic and inorganic nanomaterial: a review. <i>Bioengineered</i> , 2020, 11, 328-355.	1.4	136
779	Manipulation of Nanodroplets via a Nonuniform Focused Acoustic Vortex. <i>Physical Review Applied</i> , 2020, 13, .	1.5	17
780	Tumor-Targeting Polycaprolactone Nanoparticles with Codelivery of Paclitaxel and IR780 for Combinational Therapy of Drug-Resistant Ovarian Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2175-2185.	2.6	44
781	Nanogel: A Versatile Nano-Delivery System for Biomedical Applications. <i>Pharmaceutics</i> , 2020, 12, 290.	2.0	140
782	Accurate Targeting and Controllable Release of Hybrid Liposome Containing a Stretchable Copolymer. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900536.	1.1	6
783	Cytotoxicity of Novel Redox Sensitive PEG2000-S-S-PTX Micelles against Drug-Resistant Ovarian and Breast Cancer Cells. <i>Pharmaceutical Research</i> , 2020, 37, 65.	1.7	25
784	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	5.7	54
785	Targeted Drug Delivery via the Use of ECM-Mimetic Materials. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 69.	2.0	37
786	Synthetic immunity by remote control. <i>Theranostics</i> , 2020, 10, 3652-3667.	4.6	17

#	ARTICLE	IF	CITATIONS
787	&lt;p&gt;Smart Hydrogels â€“ Synthetic Stimuli-Responsive Antitumor Drug Release Systems&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 4541-4572.	3.3	106
788	Combinational Chemotherapy and Photothermal Therapy Using a Gold Nanorod Platform for Cancer Treatment. Particle and Particle Systems Characterization, 2020, 37, 2000099.	1.2	25
789	Stimuli-Responsive Polymeric Nanocarriers for Drug Delivery, Imaging, and Theragnosis. Polymers, 2020, 12, 1397.	2.0	281
790	Stimuli-sensitive drug delivery systems. , 2020, , 37-59.		7
791	Polymeric micelles as delivery systems. , 2020, , 261-278.		1
792	Chitosan-coated zein nanoparticles containing eugenol potentiates anesthesia in Nile tilapia. Aquaculture, 2020, 529, 735659.	1.7	5
793	Exploiting ionisable nature of PEtOx- <i>co</i> -PEI to prepare pH sensitive, doxorubicin-loaded micelles. Journal of Microencapsulation, 2020, 37, 467-480.	1.2	8
794	Preparation of Strong Antioxidative, Therapeutic Nanoparticles Based on Amino Acid-Induced Ultrafast Assembly of Tea Polyphenols. ACS Applied Materials & Interfaces, 2020, 12, 33550-33563.	4.0	76
795	Development of molecularly imprinted magnetic iron oxide nanoparticles for doxorubicin drug delivery. Monatshefte F&Auml;r Chemie, 2020, 151, 1049-1057.	0.9	4
796	&lt;p&gt;New Aspects of Ultrasound-Mediated Targeted Delivery and Therapy for Cancer&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 401-418.	3.3	27
797	Biological Evaluation of Naproxenâ€“Dehydrodipeptide Conjugates with Self-Hydrogelation Capacity as Dual LOX/COX Inhibitors. Pharmaceutics, 2020, 12, 122.	2.0	16
798	Self-Delivery Nanomedicine for O <sub>2</sub> -Economized Photodynamic Tumor Therapy. Nano Letters, 2020, 20, 2062-2071.	4.5	167
799	Functionalized Lipopeptide Micelles as Highly Efficient NMR Depolarization Seed Points for Targeted Cell Labelling in Xenon MRI. Advanced Biology, 2020, 4, 1900251.	3.0	9
800	Nanotechnology approaches in the current therapy of skin cancer. Advanced Drug Delivery Reviews, 2020, 153, 109-136.	6.6	65
801	PEGylated nano-graphene oxide as a nanocarrier for delivering mixed anticancer drugs to improve anticancer activity. Scientific Reports, 2020, 10, 2717.	1.6	132
802	Zwitterion and Oligo(ethylene glycol) Synergy Minimizes Nonspecific Binding of Compact Quantum Dots. ACS Nano, 2020, 14, 3227-3241.	7.3	20
803	Bicomponent polymeric micelles for pH-controlled delivery of doxorubicin. Drug Delivery, 2020, 27, 344-357.	2.5	34
804	Expansile Nanoparticles Encapsulate Factor Quinolinone Inhibitor 1 and Accumulate in Murine Liver upon Intravenous Administration. Biomacromolecules, 2020, 21, 1499-1506.	2.6	2

#	ARTICLE	IF	CITATIONS
805	Stable Polymer Nanoparticles with Exceptionally High Drug Loading by Sequential Nanoprecipitation. <i>Angewandte Chemie</i> , 2020, 132, 4750-4758.	1.6	40
806	Stable Polymer Nanoparticles with Exceptionally High Drug Loading by Sequential Nanoprecipitation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4720-4728.	7.2	81
807	Self-assembly of cholesterol end-capped polymer micelles for controlled drug delivery. <i>Journal of Nanobiotechnology</i> , 2020, 18, 13.	4.2	28
808	Potential of nano-phytochemicals in cervical cancer therapy. <i>Clinica Chimica Acta</i> , 2020, 505, 60-72.	0.5	43
809	Engineering Biomaterials with Micro/Nanotechnologies for Cell Reprogramming. <i>ACS Nano</i> , 2020, 14, 1296-1318.	7.3	39
810	Synthesis of PLGA- <i>m</i> PEG star-like block copolymer to form micelle loaded magnetite as a nanocarrier for hydrophobic anticancer drug. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101563.	1.4	19
811	Elucidating the binding mechanism of thione- <i>containing</i> mercaptopurine and thioguanine drugs to small gold clusters. <i>Journal of Computational Chemistry</i> , 2020, 41, 1748-1758.	1.5	19
812	Antimicrobial Metal Nanomaterials: From Passive to Stimuli-Activated Applications. <i>Advanced Science</i> , 2020, 7, 1902913.	5.6	192
813	Preparation and characterization of a novel controlled-release <i>nano-delivery</i> system loaded with pyraclostrobin via <i>high-pressure</i> homogenization. <i>Pest Management Science</i> , 2020, 76, 2829-2837.	1.7	17
814	Novel drug delivery systems. , 2020, , 1-16.		14
815	pH-sensitive biomaterials for cancer therapy and diagnosis. , 2020, , 141-164.		1
816	Optimization of Docetaxel Loading Conditions in Liposomes: proposing potential products for metastatic breast carcinoma chemotherapy. <i>Scientific Reports</i> , 2020, 10, 5569.	1.6	54
817	Spatiotemporal Control over Cell Proliferation and Differentiation for Tissue Engineering and Regenerative Medicine Applications Using Silk Fibroin Scaffolds. <i>ACS Applied Bio Materials</i> , 2020, 3, 3476-3493.	2.3	13
818	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119321.	2.6	26
819	Nanocapsule pH Regulator: Sustained Continuous Alkali Release from Thermosensitive Liposomes Reduces Acid Erosion. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21463-21469.	4.0	8
820	Manual Versus Microfluidic-Assisted Nanoparticle Manufacture: Impact of Silk Fibroin Stock on Nanoparticle Characteristics. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2796-2804.	2.6	28
821	Targeting cancer cells with nanotherapeutics and nanodiagnostics: Current status and future perspectives. <i>Seminars in Cancer Biology</i> , 2021, 69, 52-68.	4.3	125
822	Applications and strategies in nanodiagnosis and nanotherapy in lung cancer. <i>Seminars in Cancer Biology</i> , 2021, 69, 349-364.	4.3	86

#	ARTICLE	IF	CITATIONS
823	Self-Synthesizing Nanorods from Dynamic Combinatorial Libraries against Drug Resistant Cancer. <i>Angewandte Chemie</i> , 2021, 133, 3099-3107.	1.6	6
824	Recent Progress in the Development of Multifunctional Nanoplatform for Precise Tumor Phototherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001207.	3.9	53
825	Stimuli-responsive and cellular targeted nanoplatforms for multimodal therapy of skin cancer. <i>European Journal of Pharmacology</i> , 2021, 890, 173633.	1.7	6
826	Magnetic nanoparticle decorated anodic alumina nanotubes for fluorescent detection of cathepsin B. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 236-245.	5.0	14
827	Self-assembled nanogels of luminescent thiolated silver nanoclusters and chitosan as bactericidal agent and bacterial sensor. <i>Materials Science and Engineering C</i> , 2021, 118, 111520.	3.8	23
828	Impact of particle size and pH on protein corona formation of solid lipid nanoparticles: A proof-of-concept study. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1030-1046.	5.7	48
829	Gain an advantage from both sides: Smart size-shrinkable drug delivery nanosystems for high accumulation and deep penetration. <i>Nano Today</i> , 2021, 36, 101038.	6.2	54
830	Microemulsion-Assisted Templating of Metal-Stabilized Poly(ethylene glycol) Nanoparticles. <i>Biomacromolecules</i> , 2021, 22, 612-619.	2.6	6
831	Self-Assembled Amphiphilic Starch Based Drug Delivery Platform: Synthesis, Preparation, and Interactions with Biological Barriers. <i>Biomacromolecules</i> , 2021, 22, 572-585.	2.6	11
832	Evaluation of the human type 3 adenoviral dodecahedron as a vector to target acute myeloid leukemia. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 181-190.	1.8	2
833	Tumor-Specific Activatable Nanocarriers with Gas-Generation and Signal Amplification Capabilities for Tumor Theranostics. <i>ACS Nano</i> , 2021, 15, 1627-1639.	7.3	62
834	Delivery of the Bioactive Component Paeonol by Dual pH-Responsive Nanoparticles Enhances Anti-Metastatic Tumor Efficiency. <i>ChemNanoMat</i> , 2021, 7, 50-60.	1.5	0
835	Magnetic microgels and nanogels: Physical mechanisms and biomedical applications. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10190.	3.9	32
836	A Drug-Free Therapeutic System for Cancer Therapy by Diselenide-Based Polymers Themselves. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001471.	3.9	13
837	Self-Synthesizing Nanorods from Dynamic Combinatorial Libraries against Drug Resistant Cancer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3062-3070.	7.2	18
838	Lactoferrin/phenylboronic acid-functionalized hyaluronic acid nanogels loading doxorubicin hydrochloride for targeting glioma. <i>Carbohydrate Polymers</i> , 2021, 253, 117194.	5.1	38
839	UV-responsive glycosomes as frameworks for FRET: The quest for bio-inspired energy transfer systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112927.	2.0	2
840	Magnetic nanoparticles: A new diagnostic and treatment platform for rheumatoid arthritis. <i>Journal of Leukocyte Biology</i> , 2021, 109, 415-424.	1.5	7



#	ARTICLE	IF	CITATIONS
841	Liposomes with pH responsive "on and off"™ switches for targeted and intracellular delivery of antibiotics. <i>Journal of Liposome Research</i> , 2021, 31, 45-63.	1.5	20
842	Theranostic applications of stimulus-responsive systems based on carbon dots. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 117-130.	1.8	4
843	Nanogels Capable of Triggered Release. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2021, 178, 99-146.	0.6	2
844	Application of Nanotechnology in the COVID-19 Pandemic. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 623-649.	3.3	60
845	Stimuli-responsive Hybrid Polymeric Nanoparticles for Targeted Drug Delivery. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 57-81.	0.3	0
846	Preparation and Characterization of pH Sensitive Drug Liposomes. <i>Biomaterial Engineering</i> , 2021, , 385-408.	0.1	0
847	Antibiotic drug resistance and its impact with nonmaterial. , 2021, , 355-375.		0
848	Recent advances in stimuli-responsive theranostic systems with aggregation-induced emission characteristics. <i>Aggregate</i> , 2021, 2, 48-65.	5.2	113
849	Biodegradable polyelectrolyte/magnetite capsules for MR imaging and magnetic targeting of tumors. <i>Nanotheranostics</i> , 2021, 5, 362-377.	2.7	17
850	Bioplastics Used for Controlled Drug Delivery. , 2021, , .		0
851	Avidity and surface mobility in multivalent ligand-receptor binding. <i>Nanoscale</i> , 2021, 13, 12602-12612.	2.8	17
852	Covalent cell surface recruitment of chemotherapeutic polymers enhances selectivity and activity. <i>Chemical Science</i> , 2021, 12, 4557-4569.	3.7	6
853	Nanomedicine approaches for the diagnosis, treatment, and theragnosis of diabetes mellitus, hypertension, and their associated cardiovascular diseases. , 2021, , 153-183.		0
854	Multifunctional theranostic nanomedicine for photoacoustic imaging-guided combination tumor treatment. , 2021, , 67-90.		1
855	pH and redox dual-sensitive drug delivery system constructed based on fluorescent carbon dots. <i>RSC Advances</i> , 2021, 11, 2656-2663.	1.7	7
856	Drug resistance-free cytotoxic nanodrugs in composites for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3143-3152.	2.9	10
857	Chitosan oligosaccharide modified liposomes enhance lung cancer delivery of paclitaxel. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1714-1722.	2.8	31
858	A versatile and low-toxicity material for photothermal therapy in deeper tissues. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6155-6162.	2.9	0

#	ARTICLE	IF	CITATIONS
859	CO/light dual-activatable Ru(II)-conjugated oligomer agent for lysosome-targeted multimodal cancer therapeutics. <i>Chemical Science</i> , 2021, 12, 11515-11524.	3.7	11
860	Multifunctional nanoplatforms co-delivering combinatorial dual-drug for eliminating cancer multidrug resistance. <i>Theranostics</i> , 2021, 11, 6334-6354.	4.6	25
861	Biocompatible AIEgen/p-glycoprotein siRNA@reduction-sensitive paclitaxel polymeric prodrug nanoparticles for overcoming chemotherapy resistance in ovarian cancer. <i>Theranostics</i> , 2021, 11, 3710-3724.	4.6	26
862	Quantitative Determination of Intracellular Bond Cleavage. <i>Methods in Pharmacology and Toxicology</i> , 2021, , 305-330.	0.1	1
863	Gold nanoclusters as prospective carriers and detectors of pramipexole. <i>RSC Advances</i> , 2021, 11, 16619-16632.	1.7	20
864	Balancing the stability and drug activation in adaptive nanoparticles potentiates chemotherapy in multidrug-resistant cancer. <i>Theranostics</i> , 2021, 11, 4137-4154.	4.6	9
865	The Use of Alternative Strategies for Enhanced Nanoparticle Delivery to Solid Tumors. <i>Chemical Reviews</i> , 2021, 121, 1746-1803.	23.0	248
866	Smart polymer composites in drug delivery. , 2021, , 261-294.		3
867	Harnessing Endogenous Stimuli for Responsive Materials in Theranostics. <i>ACS Nano</i> , 2021, 15, 2068-2098.	7.3	117
868	Nexus between in silico and in vivo models to enhance clinical translation of nanomedicine. <i>Nano Today</i> , 2021, 36, 101057.	6.2	58
869	Smart Nanocarriers for Targeted Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 546-557.	0.9	3
870	Synergistic Combination of Calcium and Citrate in Mesoporous Nanoparticles Targets Pleural Tumors. <i>CheM</i> , 2021, 7, 480-494.	5.8	11
872	Recent Advancements in Stimuli Responsive Drug Delivery Platforms for Active and Passive Cancer Targeting. <i>Cancers</i> , 2021, 13, 670.	1.7	79
873	Update on Nanoparticle-Based Drug Delivery System for Anti-inflammatory Treatment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 630352.	2.0	42
874	Immunologically Inert Nanostructures as Selective Therapeutic Tools in Inflammatory Diseases. <i>Cells</i> , 2021, 10, 707.	1.8	4
875	Mechanism of cellular uptake and cytotoxicity of paclitaxel loaded lipid nanocapsules in breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120217.	2.6	23
876	Advanced liposome based PEGylated microgel as a novel release system for 5-fluorouracil against MCF-7 cancer cell. <i>European Polymer Journal</i> , 2021, 146, 110270.	2.6	9
877	Coiled coil-based therapeutics and drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2021, 170, 26-43.	6.6	34

#	ARTICLE	IF	CITATIONS
878	Functionalized MoS <sub>2</sub> -Based Nanomaterials for Cancer Phototherapy and Other Biomedical Applications. , 2021, 3, 462-496.		68
879	Synthesis of Nanogels: Current Trends and Future Outlook. Gels, 2021, 7, 36.	2.1	72
880	Pharmaceutical strategies in improving anti-tumour efficacy and safety of intraperitoneal therapy for peritoneal metastasis. Expert Opinion on Drug Delivery, 2021, 18, 1193-1210.	2.4	2
881	Biodistribution of Poly(alkyl cyanoacrylate) Nanoparticles in Mice and Effect on Tumor Infiltration of Macrophages into a Patient-Derived Breast Cancer Xenograft. Nanomaterials, 2021, 11, 1140.	1.9	7
882	Three-Dimensional Visualization of Subcellular Dynamics of Cancer Cell Destruction on Therapeutic Nanodrug Treatment. Small Structures, 2021, 2, 2000145.	6.9	5
883	Redox-responsive micelles integrating catalytic nanomedicine and selective chemotherapy for effective tumor treatment. Chinese Chemical Letters, 2021, 32, 3076-3082.	4.8	40
884	Inhibitory Effect of Multimodal Nanoassemblies against Glycative and Oxidative Stress in Cancer and Glycation Animal Models. BioMed Research International, 2021, 2021, 1-17.	0.9	3
885	Fabrication and bioactivity evaluation of curcumin and paclitaxel loaded lipid nanoparticles of pH-sensitive histidinylated cationic amphiphile. Asia-Pacific Journal of Oncology, 2021, , 7-16.	0.2	1
886	Near-Infrared Light-, Magneto-, and pH-Responsive GO-Fe <sub>3</sub> O <sub>4</sub> /Poly(N-isopropylacrylamide)/alginate Nanocomposite Hydrogel Microcapsules for Controlled Drug Release. Langmuir, 2021, 37, 5522-5530.	1.6	31
887	Leukocyte-Mimetic Liposomes Penetrate Into Tumor Spheroids and Suppress Spheroid Growth by Encapsulated Doxorubicin. Journal of Pharmaceutical Sciences, 2021, 110, 1701-1709.	1.6	10
888	Implications of Quenching-Dequenching Switch in Quantitative Cell Uptake and Biodistribution of Dye-Labeled Nanoparticles. Angewandte Chemie, 2021, 133, 15554-15563.	1.6	1
889	Cabazitaxel-loaded poly(alkyl cyanoacrylate) nanoparticles: Toxicity and changes in the proteome of breast, colon and prostate cancer cells. Nanotoxicology, 2021, 15, 1-20.	1.6	5
890	Nanoparticle delivery system, highly active antiretroviral therapy, and testicular morphology: The role of stereology. Pharmacology Research and Perspectives, 2021, 9, e00776.	1.1	12
891	Harnessing Innate Immunity Using Biomaterials for Cancer Immunotherapy. Advanced Materials, 2021, 33, e2007576.	11.1	42
892	Implications of Quenching-Dequenching Switch in Quantitative Cell Uptake and Biodistribution of Dye-Labeled Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 15426-15435.	7.2	15
893	Nanoparticles as therapeutic options for treating multidrug-resistant bacteria: research progress, challenges, and prospects. World Journal of Microbiology and Biotechnology, 2021, 37, 108.	1.7	117
894	Pathophysiology and Treatment Options for Hepatic Fibrosis: Can It Be Completely Cured?. Cells, 2021, 10, 1097.	1.8	39
895	Recent advances in liposome formulations for breast cancer therapeutics. Cellular and Molecular Life Sciences, 2021, 78, 5225-5243.	2.4	41

#	ARTICLE	IF	CITATIONS
896	Smart Stimuli-Responsive and Mitochondria Targeting Delivery in Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4117-4146.	3.3	14
897	Magnetically Actuated Active Deep Tumor Penetration of Deformable Large Nanocarriers for Enhanced Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2103655.	7.8	25
898	Biodegradable Dendritic Polyglycerol Sulfate for the Delivery and Tumor Accumulation of Cytostatic Anticancer Drugs. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2569-2579.	2.6	9
899	Bioinert, Stealth or Interactive: How Surface Chemistry of Nanocarriers Determines Their Fate In Vivo. <i>Advanced Functional Materials</i> , 2021, 31, 2103347.	7.8	41
900	Targeted Cancer Therapy Using Compounds Activated by Light. <i>Cancers</i> , 2021, 13, 3237.	1.7	28
901	A synthetically lethal nanomedicine delivering novel inhibitors of polynucleotide kinase 3â€²-phosphatase (PNKP) for targeted therapy of PTEN-deficient colorectal cancer. <i>Journal of Controlled Release</i> , 2021, 334, 335-352.	4.8	8
902	Nanotraps for the containment and clearance of SARS-CoV-2. <i>Matter</i> , 2021, 4, 2059-2082.	5.0	38
903	Glycosylated Nanotherapeutics with Î²-Lactamase Reversible Competitive Inhibitory Activity Reinvigorates Antibiotics against Gram-Negative Bacteria. <i>Biomacromolecules</i> , 2021, 22, 2834-2849.	2.6	3
904	Lipid Nanoparticlesâ€”From Liposomes to mRNA Vaccine Delivery, a Landscape of Research Diversity and Advancement. <i>ACS Nano</i> , 2021, 15, 16982-17015.	7.3	730
905	Self-assembly prepared using an ion pair of poly(ethylene imine) and (phenylthio) acetic acid as a drug carrier for oxidation, temperature, and NIR-responsive release. <i>Chemical Engineering Journal</i> , 2021, 415, 128954.	6.6	21
906	Nanocarriers Used in Drug Delivery to Enhance Immune System in Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1167.	2.0	25
907	The protein corona and its effects on nanoparticle-based drug delivery systems. <i>Acta Biomaterialia</i> , 2021, 129, 57-72.	4.1	95
908	Pluronic F127/Doxorubicin microemulsions: Preparation, characterization, and toxicity evaluations. <i>Journal of Molecular Liquids</i> , 2022, 345, 117028.	2.3	37
909	Theranostic nanoplatform to target macrophages enables the inhibition of atherosclerosis progression and fluorescence imaging of plaque in ApoE(â€”/â€”) mice. <i>Journal of Nanobiotechnology</i> , 2021, 19, 222.	4.2	15
910	Mercury-containing supramolecular micelles with highly sensitive pH-responsiveness for selective cancer therapy. <i>Acta Biomaterialia</i> , 2021, 129, 235-244.	4.1	13
911	Doubleâ€”Lock Nanomedicines Enable Tumorâ€”Microenvironmentâ€”Responsive Selective Antitumor Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009157.	7.8	14
912	Biodegradable and Dualâ€”Responsive Polypeptideâ€”Shelled Cyclodextrinâ€”Containers for Intracellular Delivery of Membraneâ€”Impermeable Cargo. <i>Advanced Science</i> , 2021, 8, 2100694.	5.6	8
913	Non-viral transfection technologies for next-generation therapeutic T cell engineering. <i>Biotechnology Advances</i> , 2021, 49, 107760.	6.0	33

#	ARTICLE	IF	CITATIONS
914	Red Blood Cell Hitchhiking: A Novel Approach for Vascular Delivery of Nanocarriers. Annual Review of Biomedical Engineering, 2021, 23, 225-248.	5.7	62
915	RVG-functionalized reduction sensitive micelles for the effective accumulation of doxorubicin in brain. Journal of Nanobiotechnology, 2021, 19, 251.	4.2	20
916	Advances in the application of nanotechnology in reducing cardiotoxicity induced by cancer chemotherapy. Seminars in Cancer Biology, 2022, 86, 929-942.	4.3	14
917	Liposome Photosensitizer Formulations for Effective Cancer Photodynamic Therapy. Pharmaceutics, 2021, 13, 1345.	2.0	33
918	Recent advances in prodrug-based nanoparticle therapeutics. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 165, 219-243.	2.0	41
919	Sonoporation: Past, Present, and Future. Advanced Materials Technologies, 2022, 7, .	3.0	28
920	Applications of Aptamer-Bound Nanomaterials in Cancer Therapy. Biosensors, 2021, 11, 344.	2.3	19
921	Fabrication of pH/Reduction Sensitive Polyethylene Glycol-Based Micelles for Enhanced Intracellular Drug Release. Pharmaceutics, 2021, 13, 1464.	2.0	4
922	Fabrication of Mesoporous SiO <sub>2</sub> @CaSiO <sub>3</sub> Hollow Spheres as Carriers for pH-sensitive Drug Delivery. Chemical Research in Chinese Universities, 2022, 38, 999-1004.	1.3	8
923	Erythrocyte membrane-camouflaged nanoworms with on-demand antibiotic release for eradicating biofilms using near-infrared irradiation. Bioactive Materials, 2021, 6, 2956-2968.	8.6	27
924	Peroxisome inspired hybrid enzyme nanogels for chemodynamic and photodynamic therapy. Nature Communications, 2021, 12, 5243.	5.8	111
925	Recent Progress in Polymeric AIE-Active Drug Delivery Systems: Design and Application. Molecular Pharmaceutics, 2021, 18, 3951-3965.	2.3	16
926	Adsorption/Desorption Behaviors and SERS Chemical Enhancement of 6-Mercaptopurine on a Nanostructured Gold Surface: The Au <sub>20</sub> Cluster Model. Molecules, 2021, 26, 5422.	1.7	8
927	Hydrogen Bond Strength-Mediated Self-Assembly of Supramolecular Nanogels for Selective and Effective Cancer Treatment. Biomacromolecules, 2021, 22, 4446-4457.	2.6	11
928	Principal Trends in Nanobiotechnology. , 2022, , 3-13.		0
929	The role of anti-inflammatory drugs and nanoparticle-based drug delivery models in the management of ischemia-induced heart failure. Biomedicine and Pharmacotherapy, 2021, 142, 112014.	2.5	10
930	Folic acid-doxorubicin polymeric nanocapsules: A promising formulation for the treatment of triple-negative breast cancer. European Journal of Pharmaceutical Sciences, 2021, 165, 105943.	1.9	7
931	Expanding the toolbox of exosome-based modulators of cell functions. Biomaterials, 2021, 277, 121129.	5.7	12

#	ARTICLE	IF	CITATIONS
932	Evaluation of release and pharmacokinetics of hexadecylphosphocholine (miltefosine) in phosphatidylglycerol-based thermosensitive liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183698.	1.4	2
933	Nanoarchitectonics is an emerging drug/gene delivery and targeting strategy -a critical review. <i>Journal of Molecular Structure</i> , 2021, 1243, 130844.	1.8	13
934	Whey protein isolate modified with sodium tripolyphosphate gel: A novel pH-sensitive system for controlled release of <i>Lactobacillus plantarum</i> . <i>Food Hydrocolloids</i> , 2021, 120, 106924.	5.6	11
935	NIR-activated self-sensitized polymeric micelles for enhanced cancer chemo-photothermal therapy. <i>Journal of Controlled Release</i> , 2021, 339, 114-129.	4.8	27
936	Advances in BODIPY photocleavable protecting groups. <i>Coordination Chemistry Reviews</i> , 2021, 449, 214193.	9.5	30
937	Nanoassembly of UCST polypeptide for NIR-modulated drug release. <i>Biochemical Engineering Journal</i> , 2021, 176, 108194.	1.8	4
938	Tunable Cytotoxicity and Selectivity of Phosphonium Ionic Liquid with Aniline Blue Dye. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 6143-6150.	0.9	7
939	Challenges and opportunities of nanotechnology in cancer immunotherapy. , 2022, , 197-239.		1
940	Nanoparticle-based theranostics in cancer. , 2021, , 1-24.		0
941	Incorporation of nanogels within calcite single crystals for the storage, protection and controlled release of active compounds. <i>Chemical Science</i> , 2021, 12, 9839-9850.	3.7	12
942	Preparation and use of nanogels as carriers of drugs. <i>Drug Delivery</i> , 2021, 28, 1594-1602.	2.5	44
943	Nanomedicine: General Introduction from A to Z. <i>Nanotechnology in the Life Sciences</i> , 2021, , 1-15.	0.4	0
944	Targeting transdifferentiated hepatic stellate cells and monitoring the hepatic fibrogenic process by means of IGF2R-specific peptides designed <i>in silico</i> . <i>Journal of Materials Chemistry B</i> , 2021, 9, 2092-2106.	2.9	2
945	Nanocarriers for Oral Drug Delivery. <i>Nanomedicine and Nanotoxicology</i> , 2021, , 127-151.	0.1	2
947	Dimeric Drug Polymeric Micelles with Acid-Active Tumor Targeting and FRET-Traceable Drug Release. <i>Advanced Materials</i> , 2018, 30, 1705436.	11.1	119
948	Nanobiologics: An Emerging Genetic Transformation Approach. <i>Methods in Molecular Biology</i> , 2020, 2124, 141-159.	0.4	7
949	Superparamagnetic Nanoparticles for Cancer Hyperthermia Treatment. , 2019, , 299-332.		2
950	Drug Targeting and Delivery. , 2017, , 279-303.		1

#	ARTICLE	IF	CITATIONS
951	Cystine proportion regulates fate of polypeptide nanogel as nanocarrier for chemotherapeutics. <i>Science China Chemistry</i> , 2021, 64, 293-301.	4.2	56
952	Cancer cell death induced by nanomagnetoelectin. <i>European Journal of Cell Biology</i> , 2017, 96, 600-611.	1.6	5
953	Rapid microwave synthesis of CdS quantum dots stabilized with 4,4'-bipyridine and dioctyl sodium sulfosuccinate. <i>Mendeleev Communications</i> , 2017, 27, 313-314.	0.6	4
954	Fundamentals of Stimuli-responsive Drug and Gene Delivery Systems. <i>Biomaterials Science Series</i> , 2018, , 1-32.	0.1	11
955	Stimuli-responsive Material Inspired Drug Delivery Systems and Devices. <i>Biomaterials Science Series</i> , 2018, , 317-334.	0.1	2
957	pH-responsive polymer micelles for methotrexate delivery at tumor microenvironments. <i>E-Polymers</i> , 2020, 20, 624-635.	1.3	11
958	Therapeutic impacts of enzyme-responsive smart nanobiosystems. <i>BiolImpacts</i> , 2020, 10, 1-4.	0.7	12
959	Development, in vitro biocompatibility, and antitumor efficacy of acetic acid-modified Cordyceps sinensis polysaccharide nanoparticle drug delivery system. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	1
960	An engineered TIMP2-based and enediyne-integrated fusion protein for targeting MMP-14 shows potent antitumor efficacy. <i>Oncotarget</i> , 2015, 6, 26322-26334.	0.8	23
961	Advances and Application of DNA-functionalized Nanoparticles. <i>Current Medicinal Chemistry</i> , 2020, 26, 7147-7165.	1.2	11
962	siRNA Delivery by Stimuli-Sensitive Nanocarriers. <i>Current Pharmaceutical Design</i> , 2015, 21, 4566-4573.	0.9	26
963	Emerging Strategies in Stimuli-Responsive Nanocarriers as the Drug Delivery System for Enhanced Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2019, 25, 2609-2625.	0.9	32
964	Stimulus Sensitive Smart Nanoplatfoms: An Emerging Paradigm for the Treatment of Skin Diseases. <i>Current Drug Delivery</i> , 2019, 16, 295-311.	0.8	2
965	Matrix Metalloproteinases (MMPs) in Targeted Drug Delivery: Synthesis of a Potent and Highly Selective Inhibitor against Matrix Metalloproteinase-7. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2459-2471.	1.0	6
966	Patenting Networking and Knowledge Translation in Liposomes for Cancer Therapy. <i>Recent Patents on Nanomedicine</i> , 2015, 4, 121-128.	0.5	2
967	Titanium Dioxide Nanoparticles Evoke Proinflammatory Response during Murine Norovirus Infection Despite Having Minimal Effects on Virus Replication. <i>International Journal of Nanotechnology in Medicine &amp; Engineering</i> , 2016, 1, 63-73.	0.1	6
968	Recent Progress of Nanocarrier-Based Therapy for Solid Malignancies. <i>Cancers</i> , 2020, 12, 2783.	1.7	64
969	Multifunctional Dendrimers for Drug Nanocarriers. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2017, , 245-276.	0.3	2



#	ARTICLE	IF	CITATIONS
970	Lipid Nanocarriers for Intracellular Delivery. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 129-156.	0.3	1
971	Nanodiagnostic and Nanotherapeutic Molecular Platforms for Cancer Management. Journal of Cancer Research Updates, 2015, 4, .	0.3	8
972	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
973	Photoactivated Self-Disassembly of Multifunctional DNA Nanoflower Enables Amplified Autophagy Suppression for Low-Dose Photodynamic Therapy. Small, 2021, 17, e2104722.	5.2	29
974	Amphiphilic AIEgen-polymer aggregates: Design, self-assembly and biomedical applications. Aggregate, 2022, 3, e128.	5.2	49
975	Polyester Particles for Curcumin Delivery. , 2016, , 651-673.		0
976	Multifunctional Dendrimers for Drug Nanocarriers. , 2017, , 439-470.		1
977	From the carrier of active substance to drug delivery systems. Journal of Medical Science, 2017, 86, 231-236.	0.2	3
978	Enabling technologies for the preparation of multifunctional "bullets" for nanomedicine. Bulletin of Russian State Medical University, 2019, , 134-143.	0.3	0
979	Chapter 12. Cucurbit[n]uril-based (n=7 and 8) (Supra)molecular Switches. Monographs in Supramolecular Chemistry, 2019, , 324-361.	0.2	0
980	Parenteral Controlled and Prolonged Drug Delivery Systems: Therapeutic Needs and Formulation Strategies. , 2019, , 183-260.		1
981	Nanomedicine and Nanoemulsion in Increasing the Availability of Antibiotics. , 2019, , 549-559.		0
982	Theoretical study of the blood stream in a tube in the presence of a steady-state magnetic field. , 2019, , .		0
983	The Photopolymer Science and Technology Award. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 7-9.	0.1	0
984	Nanogel and its Utilization in Cosmeceuticals. American Journal of Pharmacy and Health Research, 2019, 7, 1-20.	0.1	1
986	Liposomal Nanocarriers Designed for Sub-Endothelial Matrix Targeting under Vascular Flow Conditions. Pharmaceutics, 2021, 13, 1816.	2.0	2
987	Nrf2/Keap1/ARE signaling: Towards specific regulation. Life Sciences, 2022, 291, 120111.	2.0	147
988	Enzyme-Responsive Materials as Carriers for Improving Photodynamic Therapy. Frontiers in Chemistry, 2021, 9, 763057.	1.8	4

#	ARTICLE	IF	CITATIONS
989	Synthetic cells in biomedical applications. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1761.	3.3	30
990	A Study On The Fundamental Aspects Of Intelligent Drug Delivery System. International Journal of Scientific and Research Publications, 2020, 10, 629-632.	0.0	0
991	Green Stealth Engineering of Lifetime-Biocatalytic Nanocatalyst for Neuroblastoma Therapy. Applied Surface Science, 2022, 572, 151464.	3.1	4
992	Extracellular Vesicles: The Next Frontier in Regenerative Medicine and Drug Delivery. Advances in Experimental Medicine and Biology, 2020, 1249, 143-160.	0.8	2
993	Nanotechnological approaches for counteracting multidrug resistance in cancer. , 2020, 3, 1003-1020.		4
994	From Bench to Bedside: The Long Way Towards GMP Scale-up, Preclinical and Clinical Trials for Silk-based Drug Delivery Systems. , 2020, , 179-204.		1
995	Systemic biodistribution and hepatocyte-specific gene editing with CRISPR/Cas9 using hyaluronic acid-based nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 40, 102488.	1.7	5
996	Layered zinc hydroxide as vehicle for drug delivery systems: a critical review. Journal of Porous Materials, 2022, 29, 341-356.	1.3	10
998	Cutting-edge polymer/graphene nanocomposites for biomedical applications. , 2022, , 245-268.		0
999	An NIR Discrete Metallacycle Constructed from Perylene Bisimide and Tetraphenylethylene Fluorophores for Imaging&€Guided Cancer Radio&€Chemotherapy. Advanced Materials, 2022, 34, e2106388.	11.1	79
1000	Smart Nanotherapeutics and Lung Cancer. Pharmaceutics, 2021, 13, 1972.	2.0	28
1001	pH-Sensitive nanoparticles based on amphiphilic imidazole/cholesterol modified hydroxyethyl starch for tumor chemotherapy. Carbohydrate Polymers, 2022, 277, 118827.	5.1	30
1002	Immobilization and Intracellular Delivery of Structurally Nanoengineered Antimicrobial Peptide Polymers Using Polyphenol&€Based Capsules. Advanced Functional Materials, 2022, 32, 2107341.	7.8	19
1003	Approved and marketed nanoparticles for disease targeting and applications in COVID-19. Nanotechnology Reviews, 2021, 10, 1941-1977.	2.6	43
1004	Stimuli-responsive nanomaterials for cancer treatment: boundaries, opportunities and applications. Chemical Communications, 2021, 57, 13662-13677.	2.2	10
1005	Chapter 4. Diagnostic and Theranostic Applications of Inorganic Materials. Inorganic Materials Series, 2021, , 194-241.	0.5	0
1006	Intracellular Reduction-Responsive Molecular Targeted Nanomedicine for Hepatocellular Carcinoma Therapy. Frontiers in Pharmacology, 2021, 12, 809125.	1.6	3
1007	Application of nanogels as drug delivery systems in multicellular spheroid tumor model. Journal of Drug Delivery Science and Technology, 2022, 68, 103109.	1.4	20

#	ARTICLE	IF	CITATIONS
1008	Tailored Trojan horse nanocarriers for enhanced redox-responsive drug delivery. <i>Journal of Controlled Release</i> , 2022, 342, 201-209.	4.8	13
1009	pH Responsive Biohybrid BSA-Poly(DPA) Nanoparticles for Interlysosomal Drug Delivery. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1010	Thermosensitive liposomes containing cisplatin functionalized by hyaluronic acid: preparation and physicochemical characterization. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	0.8	3
1011	Liposomal bionanomaterials for nucleic acid delivery. , 2022, , 327-362.		0
1012	DNA aptamer-based dual-responsive nanoplatform for targeted MRI and combination therapy for cancer. <i>RSC Advances</i> , 2022, 12, 3871-3882.	1.7	7
1013	An overview of stimuli-responsive nanocarriers: State of the art. , 2022, , 1-27.		1
1014	Methods of screening, monitoring and management of cardiac toxicity induced by chemotherapeutics. <i>Chinese Chemical Letters</i> , 2022, , .	4.8	3
1015	pH-Responsive Liposomes of Dioleoyl Phosphatidylethanolamine and Cholesteryl Hemisuccinate for the Enhanced Anticancer Efficacy of Cisplatin. <i>Pharmaceutics</i> , 2022, 14, 129.	2.0	11
1016	Acid-driven aggregation of selenol-functionalized zwitterionic gold nanoparticles improves the photothermal treatment efficacy of tumors. <i>Materials Chemistry Frontiers</i> , 2022, 6, 775-782.	3.2	2
1017	Bioresponsive nanoplatforms for imaging and therapy of cardiovascular diseases. <i>View</i> , 2022, 3, .	2.7	24
1018	Nanotechnology in Improving the Treatment of Huntington's Disease: a Systematic Review. <i>Neurotoxicity Research</i> , 2022, 40, 636-645.	1.3	5
1019	Doxorubicin-loaded polypyrrole nanovesicles for suppressing tumor metastasis through combining photothermotherapy and lymphatic system-targeted chemotherapy. <i>Nanoscale</i> , 2022, 14, 3097-3111.	2.8	6
1020	Preparation and performance study of recyclable microsphere soil conditioner based on magnetic metal organic framework structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128447.	2.3	3
1021	Inflammation-specific targeted carriers for local drug delivery to inflammatory bowel disease. <i>Biomaterials</i> , 2022, 281, 121364.	5.7	37
1022	Regulating trained immunity with nanomedicine. <i>Nature Reviews Materials</i> , 2022, 7, 465-481.	23.3	45
1023	Recent Advance in Biological Responsive Nanomaterials for Biosensing and Molecular Imaging Application. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1923.	1.8	1
1024	PSMA-Targeted Supramolecular Nanoparticles Prepared From Cucurbit[8]uril-Based Ternary Host-Guest Recognition for Prostate Cancer Therapy. <i>Frontiers in Chemistry</i> , 2022, 10, 847523.	1.8	5
1025	Dual stimuli-responsive nanocarriers based on polyethylene glycol-mediated schiff base interactions for overcoming tumour chemoresistance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112408.	2.5	5

#	ARTICLE	IF	CITATIONS
1026	Nanopesticides: Current status and scope for their application in agriculture. <i>Plant Protection Science</i> , 2021, 58, 1-17.	0.7	19
1027	Stimuli-Responsive Hydrogels in Drug Delivery. , 2022, , 75-103.		2
1028	Nanocarriers Call the Last Shot in the Treatment of Brain Cancers. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382210809.	0.8	11
1029	Role of genetic insights and tumor microenvironment in liver cancer: new opportunities for gene therapy. , 2022, , 293-310.		0
1030	Tumor Site-Specific Peg Detachment and Active Tumor Homing of Therapeutic Pegylated Chitosan/Folate-Decorated Polydopamine Nanoparticles to Augment Antitumor Efficacy of Photothermal/Chemo Combination Therapy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1031	Probing the Interaction Between Supercarrier RBC Membrane and Nanoparticles for Optimal Drug Delivery. <i>Journal of Molecular Biology</i> , 2022, , 167539.	2.0	4
1032	Formulation and Characterization of Stimuli-Responsive Lecithin-Based Liposome Complexes with Poly(acrylic acid)/Poly(N,N-dimethylaminoethyl methacrylate) and Pluronic® Copolymers for Controlled Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 735.	2.0	4
1033	Nanocarrier cancer therapeutics with functional stimuli-responsive mechanisms. <i>Journal of Nanobiotechnology</i> , 2022, 20, 152.	4.2	49
1034	Redox-responsive self-assembled polymeric nanoprodruge for delivery of gemcitabine in B-cell lymphoma therapy. <i>Acta Biomaterialia</i> , 2022, 144, 67-80.	4.1	11
1035	Antibiotic-loaded reactive oxygen species-responsive nanomedicine for effective management of chronic bacterial prostatitis. <i>Acta Biomaterialia</i> , 2022, 143, 471-486.	4.1	13
1036	Recent advances in targeted drug delivery for the treatment of pancreatic ductal adenocarcinoma. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 281-301.	2.4	1
1037	Peptide-Folding Triggered Phase Separation and Lipid Membrane Destabilization in Cholesterol-Rich Lipid Vesicles. <i>Bioconjugate Chemistry</i> , 2022, 33, 736-746.	1.8	3
1038	Metabolic Intervention Nanoparticles for Triple-Negative Breast Cancer Therapy via Overcoming FSP1-Mediated Ferroptosis Resistance. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102799.	3.9	28
1039	Starch nanoparticles improve curcumin-induced production of anti-inflammatory cytokines in intestinal epithelial cells. <i>International Journal of Pharmaceutics: X</i> , 2022, 4, 100114.	1.2	7
1040	Development and In Vitro/In Vivo Evaluation of pH-Sensitive Polymeric Nanoparticles Loaded Hydrogel for the Management of Psoriasis. <i>Nanomaterials</i> , 2021, 11, 3433.	1.9	43
1041	Potential-Independent Intracellular Drug Delivery and Mitochondrial Targeting. <i>ACS Nano</i> , 2022, 16, 1409-1420.	7.3	24
1042	Antibiotic Resistant <i>Staphylococcus aureus</i> . <i>Infectious Diseases</i> , 0, , .	4.0	2
1045	Nano-Delivery of a Novel Inhibitor of Polynucleotide Kinase/Phosphatase (PNKP) for Targeted Sensitization of Colorectal Cancer to Radiation-Induced DNA Damage. <i>Frontiers in Oncology</i> , 2021, 11, 772920.	1.3	6

#	ARTICLE	IF	CITATIONS
1046	Applications of Silk in Biomedical and Healthcare Textiles. , 0, , .		0
1047	Memristor Circuits for Colloidal Robotics: Temporal Access to Memory, Sensing, and Actuation. Advanced Intelligent Systems, 2022, 4, .	3.3	8
1048	Metal nanoparticles: a platform integrating diagnosis and therapy for rheumatoid arthritis. Journal of Nanoparticle Research, 2022, 24, 1.	0.8	6
1050	Nanoliposomes in Cancer Therapy: Marketed Products and Current Clinical Trials. International Journal of Molecular Sciences, 2022, 23, 4249.	1.8	37
1051	Drug-delivery nanoparticles for bone-tissue and dental applications. Biomedical Physics and Engineering Express, 2022, 8, 042001.	0.6	10
1052	Conductive Supramolecular Polymer Nanocomposites with Tunable Properties to Manipulate Cell Growth and Functions. International Journal of Molecular Sciences, 2022, 23, 4332.	1.8	5
1054	A Review of Multifunction Smart Nanoparticle based Drug Delivery Systems. Current Pharmaceutical Design, 2022, 28, 2965-2983.	0.9	3
1055	Lipid-coated CaCO <sub>3</sub> -PDA nanoparticles as a versatile nanocarrier to enable pH-responsive dual modal imaging-guided combination cancer therapy. Journal of Materials Chemistry B, 2022, 10, 4096-4104.	2.9	4
1056	Targeted therapy of atherosclerosis by pH-sensitive hyaluronic acid nanoparticles co-delivering all-trans retinal and rapamycin. Nanoscale, 2022, 14, 8709-8726.	2.8	11
1057	C <sub>E</sub> ı cháº ĵ háºp phá»¥ vÃ sá»± tÄfng cÆºá»ng hÃ³a há»e phá»• SERS cá»ša mercaptopurine vÃ thioguanine trÃªn bá»•máº-t Au6 clusters. Chi Khoa Hoc = Journal of Science, 2022, 58, 111-123.	0.1	0
1058	Development and characterisation of methylphenidate hydrochloride loaded nanoparticles. International Journal of Health Sciences, 0, , 7519-7534.	0.0	0
1059	The dynamic, motile and deformative properties of RNA nanoparticles facilitate the third milestone of drug development. Advanced Drug Delivery Reviews, 2022, 186, 114316.	6.6	17
1060	Amphiphilic block copolymers: From synthesis including living polymerization methods to applications in drug delivery. European Polymer Journal, 2022, 172, 111224.	2.6	11
1061	Polymer nanoparticles (nanomedicine) for therapeutic applications. , 2022, , 71-123.		0
1062	Guanosine- based Hydrogel Integrating Photothermal Effect of PDA- AuNPs through Dynamic Borate Bond for Photothermal Therapy of Cancer. Chemistry - an Asian Journal, 2022, 17, .	1.7	8
1063	DOĞADAN Â°LHAM BÂ°YOMÂ°METÂ°K NANOTAÂ°ZİYİCİ SÂ°STEMLER. Ankara Universitesi Eczacılık Fakultesi Dergisi, 0, , 551-575.	0.2	0
1064	Understanding the mechanism of thioguanine's binding to Ag <sub>6</sub> and bimetallic (Ag <sub>3</sub> -Au <sub>3</sub> and Ag <sub>3</sub> -Cu <sub>3</sub> ) clusters. Journal of Molecular Structure, 2022, 1265, 133415.	1.8	16
1065	Tumor site-specific PEG detachment and active tumor homing of therapeutic PEGylated chitosan/folate-decorated polydopamine nanoparticles to augment antitumor efficacy of photothermal/chemo combination therapy. Chemical Engineering Journal, 2022, 446, 137243.	6.6	23

#	ARTICLE	IF	CITATIONS
1066	Engineered Stable Bioactive Per Se Amphiphilic Phosphorus Dendron Nanomicelles as a Highly Efficient Drug Delivery System To Take Down Breast Cancer In Vivo. <i>Biomacromolecules</i> , 2022, 23, 2827-2837.	2.6	12
1067	Cell-based drug delivery systems and their in vivo fate. <i>Advanced Drug Delivery Reviews</i> , 2022, 187, 114394.	6.6	28
1068	Construction of NIR etchable nanoparticles via co-assembly strategy for appointed delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, , 129395.	2.3	1
1069	Fast-Forming Dissolvable Redox-Responsive Hydrogels: Exploiting the Orthogonality of Thiol-Maleimide and Thiol-Disulfide Exchange Chemistry. <i>Biomacromolecules</i> , 2022, 23, 3525-3534.	2.6	20
1070	Bioreducible polyethylenimine core-shell nanostructures as efficient and non-toxic gene and drug delivery vectors. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 69, 116886.	1.4	0
1071	Stimuli-responsive metal nanoclusters for targeted drug and gene delivery and their biomedical applications. , 2022, , 517-536.		0
1072	Drug delivery systems based on nano-herbal medicine. , 2022, , 491-530.		0
1073	Persistent luminescent behavior of rare-earth-activated phosphors. , 2022, , 363-375.		0
1074	Lipid-Based Nanocarrier Systems for Drug Delivery: Advances and Applications. <i>Pharmaceutical Fronts</i> , 2022, 04, e43-e60.	0.4	2
1075	Nanomaterial-Based Drug Delivery System Targeting Lymph Nodes. <i>Pharmaceutics</i> , 2022, 14, 1372.	2.0	14
1076	Graphdiyne oxide nanosheets reprogram immunosuppressive macrophage for cancer immunotherapy. <i>Nano Today</i> , 2022, 45, 101543.	6.2	10
1077	Stimuli-responsive polyprodrug for cancer therapy. <i>Materials Today Advances</i> , 2022, 15, 100266.	2.5	4
1078	An update on dual targeting strategy for cancer treatment. <i>Journal of Controlled Release</i> , 2022, 349, 67-96.	4.8	18
1080	Effects of Lipid Shape and Interactions on the Conformation, Dynamics, and Curvature of Ultrasound-Responsive Liposomes. <i>Pharmaceutics</i> , 2022, 14, 1512.	2.0	2
1081	Progress in the treatment of drug-induced liver injury with natural products. <i>Pharmacological Research</i> , 2022, 183, 106361.	3.1	19
1082	Supramolecular engineering of cell membrane vesicles for cancer immunotherapy. <i>Science Bulletin</i> , 2022, 67, 1898-1909.	4.3	22
1083	A Comprehensive Review on COVID-19: Emphasis on Current Vaccination and Nanotechnology Aspects. <i>Recent Patents on Nanotechnology</i> , 2022, 16, .	0.7	0
1084	Combinatorial delivery of CPI444 and vatalanib loaded on PEGylated graphene oxide as an effective nanoformulation to target glioblastoma multiforme: In vitro evaluation. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3

#	ARTICLE	IF	CITATIONS
1085	Stimuli-responsive nanoformulations for CRISPR-Cas9 genome editing. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	13
1086	pH responsive biohybrid BSA-poly(DPA) nanoparticles for interlysosomal drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 75, 103591.	1.4	1
1087	Self-assembling nanocarriers from engineered proteins: Design, functionalization, and application for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2022, 189, 114462.	6.6	11
1088	Two-dimensional silicene photodynamic tumor-targeting nanomedicine. <i>Materials Today Bio</i> , 2022, 16, 100393.	2.6	5
1089	Recent advances in polymeric hydrogel nanoarchitectures for drug delivery applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2024, 73, 1-32.	1.8	16
1090	Recent developments in nanocarriers for cancer chemotherapy. <i>OpenNano</i> , 2022, 8, 100080.	1.8	5
1091	Amomum longiligulare polysaccharide 1- PLGA nanoparticle promotes the immune activities of T lymphocytes and dendritic cells. <i>International Immunopharmacology</i> , 2022, 112, 109204.	1.7	1
1092	Nonordered dendritic mesoporous silica nanoparticles as promising platforms for advanced methods of diagnosis and therapies. <i>Materials Today Chemistry</i> , 2022, 26, 101144.	1.7	8
1093	Intelligent hydrogels and their biomedical applications. <i>Materials Advances</i> , 2022, 3, 7757-7772.	2.6	9
1094	Anti-cancer Nanotechnology. <i>Micro/Nano Technologies</i> , 2022, , 1-50.	0.1	0
1095	Nanoparticle-based drug delivery systems for the treatment of cardiovascular diseases. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	8
1096	Pharmacokinetics of Intramuscularly Administered Thermo-responsive Polymers. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	4
1097	Biocompatible Iron Oxide Nanoparticles for Targeted Cancer Gene Therapy: A Review. <i>Nanomaterials</i> , 2022, 12, 3323.	1.9	18
1098	Hydrogels as promising carriers for the delivery of food bioactive ingredients. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	2
1099	Characterization and Biomedical Application Opportunities of the Nanoparticle's Protein Corona. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
1100	A Self-Assembly ICG Nanoparticle Potentiating Targeted Photothermal and Photodynamic Therapy in NSCLC. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4535-4546.	2.6	9
1101	Self-amplified chain-shattering cinnamaldehyde-based poly(thioacetal) boosts cancer chemo-immunotherapy. <i>Acta Biomaterialia</i> , 2022, 154, 97-107.	4.1	13
1102	Smart systems in bio-encapsulation for cancer therapy. , 2022, , 223-236.		0



#	ARTICLE	IF	CITATIONS
1103	Tumor microenvironment and redox dual stimuli-responsive polymeric nanoparticles for the effective cisplatin-based cancer chemotherapy. <i>Nanotechnology</i> , 2023, 34, 035101.	1.3	1
1104	Stimuli-responsive image-guided nanocarriers as smart drug delivery platforms. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 1487-1504.	2.4	5
1105	Updates on Responsive Drug Delivery Based on Liposome Vehicles for Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 2195.	2.0	32
1106	Nanogels: Update on the methods of synthesis and applications for cardiovascular and neurological complications. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 77, 103879.	1.4	4
1107	Pharmaceutical liposomal delivery—specific considerations of innovation and challenges. <i>Biomaterials Science</i> , 2022, 11, 62-75.	2.6	17
1108	Nucleus—Targeting Carbon Quantum Dots Assembled with Gambogic Acid via — Stacking for Cancer Therapy. <i>Advanced Therapeutics</i> , 2023, 6, .	1.6	2
1109	Green Hydrogel Synthesis: Emphasis on Proteomics and Polymer Particle-Protein Interaction. <i>Polymers</i> , 2022, 14, 4755.	2.0	10
1110	Dynamic covalent macrocycles co-delivering genes and drugs against drug-resistant cancer. <i>Cell Reports Physical Science</i> , 2022, 3, 101150.	2.8	1
1111	Smart drug delivery systems and their clinical potential. , 2023, , 401-436.		1
1112	Leveraging the elastic deformability of polydimethylsiloxane microfluidic channels for efficient intracellular delivery. <i>Lab on A Chip</i> , 2023, 23, 714-726.	3.1	2
1113	Fibroblast-targeting polymeric nanovehicles to enhance topical wound healing through promotion of PAR-2 receptor-mediated endocytosis. <i>Biomaterials Science</i> , 2023, 11, 450-460.	2.6	1
1114	Amphiphilic phosphorous dendron micelles co-deliver microRNA inhibitor and doxorubicin for augmented triple negative breast cancer therapy. <i>Journal of Materials Chemistry B</i> , 2023, 11, 5483-5493.	2.9	6
1115	Antimicrobial micro/nanorobotic materials design: From passive combat to active therapy. <i>Materials Science and Engineering Reports</i> , 2023, 152, 100712.	14.8	12
1116	Stimuli-responsive nucleic acid nanostructures for efficient drug delivery. <i>Nanoscale</i> , 2022, 14, 17862-17870.	2.8	10
1117	Silk Fibroin as an Efficient Biomaterial for Drug Delivery, Gene Therapy, and Wound Healing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14421.	1.8	16
1118	Recent Advancements in the Design of Nanodelivery Systems of siRNA for Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 4506-4526.	2.3	9
1119	Pro-efferocytic macrophage membrane biomimetic nanoparticles for the synergistic treatment of atherosclerosis via competition effect. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	10
1120	Anti-cancer Nanotechnology. <i>Micro/Nano Technologies</i> , 2023, , 389-438.	0.1	0

#	ARTICLE	IF	CITATIONS
1121	Nanoparticle Based Cardiac Specific Drug Delivery. <i>Biology</i> , 2023, 12, 82.	1.3	4
1122	Recent Advances in Targeted Nanocarriers for the Management of Triple Negative Breast Cancer. <i>Pharmaceutics</i> , 2023, 15, 246.	2.0	7
1123	IgG Fc Affinity Ligands and Their Applications in Antibody-Involved Drug Delivery: A Brief Review. <i>Pharmaceutics</i> , 2023, 15, 187.	2.0	4
1124	Supramolecular structural control: photochemical reactions between styrylpyridine derivative and cucurbit[7,8]urils. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
1125	Supramolecular Theranostic Nanomedicine for In Situ Self-Boosting Cancer Photochemotherapy. <i>Biomacromolecules</i> , 2023, 24, 1022-1031.	2.6	9
1126	Review of the Delivery Kinetics of Thermosensitive Liposomes. <i>Cancers</i> , 2023, 15, 398.	1.7	4
1127	Engineered nanostructures: an introduction. , 2023, , 1-43.		1
1128	Aggregation-induced emission-active micelles: synthesis, characterization, and applications. <i>Chemical Society Reviews</i> , 2023, 52, 1456-1490.	18.7	21
1130	Multifunctional nanoplatforms application in the transcatheter chemoembolization against hepatocellular carcinoma. <i>Journal of Nanobiotechnology</i> , 2023, 21, .	4.2	2
1131	Advances in Nanogels for Topical Drug Delivery in Ocular Diseases. <i>Gels</i> , 2023, 9, 292.	2.1	7
1132	Embryotoxicity of silica nanoparticles in the drug delivery of domperidone in zebrafish. <i>Aquatic Toxicology</i> , 2023, 258, 106454.	1.9	0
1133	Microenvironment-responsive nanocarriers for targeted bone disease therapy. <i>Nano Today</i> , 2023, 50, 101838.	6.2	9
1134	Nanomedicines with high drug availability and drug sensitivity overcome hypoxia-associated drug resistance. <i>Biomaterials</i> , 2023, 294, 122023.	5.7	10
1135	Recent advances on macromolecular medicinal materials for radioprotection. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 81, 104224.	1.4	2
1136	Cucurbit[7]uril-Based Supramolecular DNA Nanogel for Targeted Codelivery of Chemo/Photodynamic Drugs. <i>ACS Macro Letters</i> , 2023, 12, 295-301.	2.3	8
1137	Detection of H <sub>2</sub> S in Living Cells Using Escape Lysosome Technology Based on the Swelling Effect of Polymeric Nanomicelles. <i>ChemistrySelect</i> , 2023, 8, .	0.7	0
1138	Nanomaterials for hyperpolarized nuclear magnetic resonance and magnetic resonance imaging. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 0, , .	3.3	3
1139	Molecularly Imprinted Nanobeacons Redirect Innate Immune Killing towards Triple Negative Breast Cancer. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	2

#	ARTICLE	IF	CITATIONS
1140	Molecularly Imprinted Nanobeacons Redirect Innate Immune Killing towards Triple Negative Breast Cancer. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
1141	Albumin-encapsulated HSP90-PROTAC BP3 nanoparticles not only retain protein degradation ability but also enhance the antitumour activity of BP3 <i>in vivo</i> . <i>Journal of Drug Targeting</i> , 2023, 31, 411-420.	2.1	3
1142	Development of stimuli-responsive nanogels as drug carriers and their biomedical application in 3D printing. <i>Materials Today Chemistry</i> , 2023, 29, 101372.	1.7	6
1143	Enzyme-Responsive Materials: Properties, Design, and Applications. <i>ACS Symposium Series</i> , 0, , 203-229.	0.5	2
1144	Prospects of Using Protein Engineering for Selective Drug Delivery into a Specific Compartment of Target Cells. <i>Pharmaceutics</i> , 2023, 15, 987.	2.0	1
1145	Synergistic Antimicrobial and Antibiofilm Nanoparticles Assembled from Naturally Occurring Building Blocks. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	15
1146	Formulation and Optimization of Polyherbal Nanogel for Dermatological Applications. <i>Current Nanomaterials</i> , 2024, 9, 70-82.	0.2	0
1147	Theoretical aspects of interaction of the anticancer drug cytarabine with human serum albumin. <i>Structural Chemistry</i> , 0, , .	1.0	1
1148	Enhancing the Effectiveness of Oligonucleotide Therapeutics Using Cell-Penetrating Peptide Conjugation, Chemical Modification, and Carrier-Based Delivery Strategies. <i>Pharmaceutics</i> , 2023, 15, 1130.	2.0	11
1149	Microfabrication and Characterization of Chemically Actuated Implantable PLGA Reservoir-based Device for Controlled Drug Delivery. <i>IETE Journal of Research</i> , 0, , 1-8.	1.8	0
1150	The role of acoustofluidics and microbubble dynamics for therapeutic applications and drug delivery. <i>Biomicrofluidics</i> , 2023, 17, .	1.2	3
1161	Cancer Nanomedicine. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2023, , 17-31.	0.2	0
1163	Selection of an aggregation-caused quenching-based fluorescent tracer for imaging studies in nano drug delivery systems. <i>Nanoscale</i> , 2023, 15, 9290-9296.	2.8	5
1165	Nanogels for bone tissue engineering " from synthesis to application. <i>Nanoscale</i> , 2023, 15, 10206-10222.	2.8	2
1167	Advances in Cardiovascular Nanopharmacology. , 2023, , 28-49.		0
1172	Enzymatically degradable linkers. , 2023, , 279-313.		0
1179	Phospholipase-based nanocarriers for therapeutic applications. , 2023, , 111-128.		0
1183	Flower-like porous BCN assembled by nanosheets for paclitaxel delivery. <i>Chemical Communications</i> , 2023, 59, 11995-11998.	2.2	1

#	ARTICLE	IF	CITATIONS
1189	Small Gold Clusters: Structure, Energetics and Biomedical Applications. , 2024, , 523-567.		0
1190	Nanoconjugate formulations for enhanced drug delivery. , 2023, , 441-491.		1
1200	Liposome-Based Drug Deliveryâ€”A New Therapeutic Paradigm. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2023, , 21-48.	0.7	0
1201	Recent advancement of nanomedicine-based targeted delivery for cervical cancer treatment. , 2023, 40, .		0
1206	JAK-STAT signaling in inflammation and stress-related diseases: implications for therapeutic interventions. Molecular Biomedicine, 2023, 4, .	1.7	1
1210	Stimuli-Responsive Material in Controlled Release of Drug. Engineering Materials, 2023, , 535-561.	0.3	0
1212	Bioinspired nanomaterials for the treatment of bacterial infections. Nano Research, 2024, 17, 691-714.	5.8	2
1213	Combination of Photodynamic Therapy with Chemotherapy. , 2023, , 153-192.		0
1233	Nanomedicine. , 2024, , 267-296.		0