Stimuli-responsive nanogel composites and their applications

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Citation Report

#	Article	IF	CITATIONS
2	Engineering thermoresponsive polyether-based nanogels for temperature dependent skin penetration. Polymer Chemistry, 2015, 6, 5827-5831.	1.9	49
3	Formation of iron oxide nanoparticle-loaded $\hat{l}^3$ -polyglutamic acid nanogels for MR imaging of tumors. Journal of Materials Chemistry B, 2015, 3, 8684-8693.	2.9	32
4	Multifunctional hybrid nanogels for theranostic applications. Soft Matter, 2015, 11, 8205-8216.	1.2	35
5	Recent Progress and Perspectives in the Electrokinetic Characterization of Polyelectrolyte Films. Polymers, 2016, 8, 7.	2.0	13
6	Near Infrared Dye Conjugated Nanogels for Combined Photodynamic and Photothermal Therapies. Macromolecular Bioscience, 2016, 16, 1432-1441.	2.1	22
7	Nanogels as Contrast Agents for Molecular Imaging. Chinese Journal of Chemistry, 2016, 34, 547-557.	2.6	7
8	Transferrin Decorated Thermoresponsive Nanogels as Magnetic Trap Devices for Circulating Tumor Cells. Macromolecular Rapid Communications, 2016, 37, 439-445.	2.0	26
9	Rapid fluorescence detection of hypoxic microenvironments by nitro-benzyl conjugated chitosan nanoparticles encapsulating hydrophobic fluorophores. Journal of Materials Chemistry B, 2016, 4, 4832-4838.	2.9	4
10	Multi-Stimuli-Responsive Polymer Materials: Particles, Films, and Bulk Gels. Chemical Record, 2016, 16, 1398-1435.	2.9	158
11	Utilization of Electrochromically Luminescent Transitionâ€Metal Complexes for Erasable Information Recording and Temperatureâ€Related Information Protection. Advanced Materials, 2016, 28, 7137-7142.	11.1	106
12	Formation and Function of Nanogels by Self-Assembly of Associating Graft Copolymers. Kobunshi Ronbunshu, 2016, 73, 166-174.	0.2	2
12 14		0.2	2
	Ronbunshu, 2016, 73, 166-174.  Fabrication of monodispersed Au@Ag bimetallic nanorod-loaded nanofibrous membrane with fast thermo-responsiveness and its use as a smart free-standing SERS substrate. RSC Advances, 2016, 6,		
14	Ronbunshu, 2016, 73, 166-174.  Fabrication of monodispersed Au@Ag bimetallic nanorod-loaded nanofibrous membrane with fast thermo-responsiveness and its use as a smart free-standing SERS substrate. RSC Advances, 2016, 6, 48479-48488.  Laccase-mediated formation of mesoporous silica nanoparticle based redox stimuli-responsive hybrid	1.7	10
14 15	Ronbunshu, 2016, 73, 166-174.  Fabrication of monodispersed Au@Ag bimetallic nanorod-loaded nanofibrous membrane with fast thermo-responsiveness and its use as a smart free-standing SERS substrate. RSC Advances, 2016, 6, 48479-48488.  Laccase-mediated formation of mesoporous silica nanoparticle based redox stimuli-responsive hybrid nanogels as a multifunctional nanotheranostic agent. Nanoscale, 2016, 8, 17241-17249.  Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray	2.8	10 42
14 15	Ronbunshu, 2016, 73, 166-174.  Fabrication of monodispersed Au@Ag bimetallic nanorod-loaded nanofibrous membrane with fast thermo-responsiveness and its use as a smart free-standing SERS substrate. RSC Advances, 2016, 6, 48479-48488.  Laccase-mediated formation of mesoporous silica nanoparticle based redox stimuli-responsive hybrid nanogels as a multifunctional nanotheranostic agent. Nanoscale, 2016, 8, 17241-17249.  Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray spectromicroscopy. Journal of Controlled Release, 2016, 242, 64-70.  An Update on Biomedical Application of Nanotechnology for Alzheimer's Disease Diagnosis and	1.7 2.8 4.8	10 42 31
14 15 16	Ronbunshu, 2016, 73, 166-174.  Fabrication of monodispersed Au@Ag bimetallic nanorod-loaded nanofibrous membrane with fast thermo-responsiveness and its use as a smart free-standing SERS substrate. RSC Advances, 2016, 6, 48479-48488.  Laccase-mediated formation of mesoporous silica nanoparticle based redox stimuli-responsive hybrid nanogels as a multifunctional nanotheranostic agent. Nanoscale, 2016, 8, 17241-17249.  Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray spectromicroscopy. Journal of Controlled Release, 2016, 242, 64-70.  An Update on Biomedical Application of Nanotechnology for Alzheimer's Disease Diagnosis and Therapy. Drug Research, 2016, 66, 580-586.  Selective Release of Hydrophobic and Hydrophilic Cargos from Multi-Stimuli-Responsive Nanogels.	1.7 2.8 4.8 0.7	10 42 31 6

#	ARTICLE	IF	CITATIONS
21	Functionalized nanogels carrying an anticancer microRNA for glioblastoma therapy. Journal of Controlled Release, 2016, 239, 159-168.	4.8	81
22	Synthesis and biomedical applications of fluorescent nanogels. Polymer Chemistry, 2016, 7, 5749-5762.	1.9	55
23	Surfactant-assisted solvothermal synthesis of pure nickel submicron spheres with microwave-absorbing properties. Nanoscale Research Letters, 2016, 11, 352.	3.1	14
24	An Enzyme-Responsive Nanogel Carrier Based on PAMAM Dendrimers for Drug Delivery. ACS Applied Materials & Drug Delivery. ACS Applied Ma	4.0	68
25	Water dispersible siloxane nanogels: a novel technique to control surface characteristics and drug release kinetics. Journal of Materials Chemistry B, 2016, 4, 5299-5307.	2.9	16
26	Collapse Dynamics of Core–Shell Nanogels. Macromolecules, 2016, 49, 5740-5749.	2.2	19
27	Light-tunable thermoresponsive behavior of branched polyethylenimine derivatives in water. Polymer, 2016, 107, 37-43.	1.8	6
28	Oneâ€Pot Synthesis of Dual Stimulusâ€Responsive Degradable Hollow Hybrid Nanoparticles for Imageâ€Guided Trimodal Therapy. Advanced Functional Materials, 2016, 26, 8613-8622.	7.8	38
29	Peptideâ€based supramolecular hydrogels for delivery of biologics. Bioengineering and Translational Medicine, 2016, 1, 306-322.	3.9	109
30	Nanostructured Soft Matter with Magnetic Nanoparticles. Advanced Functional Materials, 2016, 26, 3761-3782.	7.8	41
31	Construction, Enzyme Response, and Substrate Capacity of a Hyaluronan–Cyclodextrin Supramolecular Assembly. Chemistry - an Asian Journal, 2016, 11, 505-511.	1.7	17
32	One pot synthesis and characterization of Fe3O4 Nanorod-PNIPA Nanogel Composite for protein adsorption. Materials Science and Engineering C, 2016, 68, 59-64.	3.8	25
33	Structured substrates and delivery vehicles: trending now in biomedicine. Nanomedicine, 2016, 11, 1489-1493.	1.7	5
34	Nanogels: An overview of properties, biomedical applications and obstacles to clinical translation. Journal of Controlled Release, 2016, 240, 109-126.	4.8	441
35	A new strategy based on electrospray technique to prepare dual-responsive poly(ether urethane) nanogels. Colloids and Surfaces B: Biointerfaces, 2016, 141, 278-283.	2.5	10
36	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. Langmuir, 2016, 32, 1854-1862.	1.6	35
37	Highly scalable production of uniformly-coated superparamagnetic nanoparticles for triggered drug release from alginate hydrogels. RSC Advances, 2016, 6, 21503-21510.	1.7	22
38	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. Nanoscale, 2016, 8, 5852-5856.	2.8	44

#	ARTICLE	lF	Citations
39	Self-Assembled Gold Nanoclusters for Bright Fluorescence Imaging and Enhanced Drug Delivery. ACS Nano, 2016, 10, 2591-2599.	7.3	341
40	Nanogel-electrospinning for controlling the release of water-soluble drugs. Journal of Materials Chemistry B, 2016, 4, 2171-2178.	2.9	6
41	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. European Polymer Journal, 2016, 78, 14-24.	2.6	48
42	Magnetic nanoscale metal organic frameworks for potential targeted anticancer drug delivery, imaging and as an MRI contrast agent. Dalton Transactions, 2016, 45, 2963-2973.	1.6	222
43	New approaches from nanomedicine for treating leishmaniasis. Chemical Society Reviews, 2016, 45, 152-168.	18.7	93
44	New Opportunities and Challenges of Smart Polymers in Postâ€Translational Modification Proteomics. Advanced Materials, 2017, 29, 1604670.	11.1	62
45	UCST-Type Thermosensitive Hairy Nanogels Synthesized by RAFT Polymerization-Induced Self-Assembly. ACS Macro Letters, 2017, 6, 127-133.	2.3	63
46	Targeted sustained delivery of antineoplastic agent with multicomponent polylactide stereocomplex micelle. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1279-1288.	1.7	23
47	Gadolinium-Loaded Poly( <i>N</i> -vinylcaprolactam) Nanogels: Synthesis, Characterization, and Application for Enhanced Tumor MR Imaging. ACS Applied Materials & Samp; Interfaces, 2017, 9, 3411-3418.	4.0	60
48	Redox-modulated near-infrared electrochromism, electroluminochromism, and aggregation-induced fluorescence change in an indolo[3,2-b]carbazole-bridged diamine system. Sensors and Actuators B: Chemical, 2017, 246, 570-577.	4.0	36
49	Performing Logical Operations with Stimuliâ€Responsive Building Blocks. Advanced Materials, 2017, 29, 1606483.	11.1	23
50	Thermally-induced softening of PNIPAm-based nanopillar arrays. Soft Matter, 2017, 13, 2453-2464.	1.2	43
51	Basic concepts and recent advances in nanogels as carriers for medical applications. Drug Delivery, 2017, 24, 539-557.	2.5	319
52	Modular Synthetic Approach for Adjusting the Disassembly Rates of Enzyme-Responsive Polymeric Micelles. Biomacromolecules, 2017, 18, 1218-1228.	2.6	25
53	Synthesis and Validation of Functional Nanogels as pHâ€Sensors in the Hair Follicle. Macromolecular Bioscience, 2017, 17, 1600505.	2.1	28
54	Photoresponsive polyelectrolyte/mesoporous silica hybrid materials with remote-controllable ionic transportation. Chemical Engineering Journal, 2017, 322, 445-453.	6.6	12
55	Biocompatible Chitosan–Carbon Dot Hybrid Nanogels for NIR-Imaging-Guided Synergistic Photothermal–Chemo Therapy. ACS Applied Materials & Interfaces, 2017, 9, 18639-18649.	4.0	137
56	Interactions of organic nanoparticles with proteins in physiological conditions. Journal of Materials Chemistry B, 2017, 5, 4393-4405.	2.9	28

#	Article	lF	Citations
57	A degradable nanogel drug carrier crosslinked with three-oligonucleotide hybrids for two-way drug release in mild and high hyperthermia treatment. Journal of Materials Chemistry B, 2017, 5, 4713-4724.	2.9	15
58	Nanotechnology-Enhanced No-Wash Biosensors for <i>iin Vitro</i> ii> Diagnostics of Cancer. ACS Nano, 2017, 11, 5238-5292.	7.3	208
59	A hyaluronidase/temperature dual-responsive supramolecular assembly based on the anionic recognition of calixpyridinium. Chemical Communications, 2017, 53, 7517-7520.	2.2	24
60	Intramolecularly Protein-Crosslinked DNA Gels: New Biohybrid Nanomaterials with Controllable Size and Catalytic Activity. Small, 2017, 13, 1700706.	5.2	11
61	Manganese-Based Nanogels as pH Switches for Magnetic Resonance Imaging. Biomacromolecules, 2017, 18, 1617-1623.	2.6	30
62	Fluorescent multi-responsive cross-linked P(N-isopropylacrylamide)-based nanocomposites for cisplatin delivery. Drug Development and Industrial Pharmacy, 2017, 43, 1283-1291.	0.9	22
63	Drug release study by a novel thermo sensitive nanogel based on salep modified graphene oxide. Journal of Polymer Research, 2017, 24, 1.	1.2	12
64	Nanogels for intracellular delivery of biotherapeutics. Journal of Controlled Release, 2017, 259, 16-28.	4.8	116
65	Media-Responsive Swelling and Material Release Properties of Polysaccharide Composite Films. , 2017, , 269-279.		0
66	Efficient and Environmentally Friendly Microwave-Assisted Synthesis of Catalytically Active Magnetic Metallic Ni Nanoparticles. ACS Sustainable Chemistry and Engineering, 2017, 5, 11584-11587.	3.2	28
67	Decoupled Thermo―and pHâ€Responsive Hydrogel Microspheres Crossâ€Linked by Rotaxane Networks. Angewandte Chemie - International Edition, 2017, 56, 15393-15396.	7.2	59
68	One-Step in Situ Synthesis of Polypeptide–Gold Nanoparticles Hybrid Nanogels and Their Application in Targeted Photoacoustic Imaging. ACS Sustainable Chemistry and Engineering, 2017, 5, 9841-9847.	3.2	25
69	Self-Assembled Polypeptide Nanogels with Enzymatically Transformable Surface as a Small Interfering RNA Delivery Platform. Biomacromolecules, 2017, 18, 3913-3923.	2.6	27
70	Preparation of dual-targeted redox-responsive nanogels based on pegylated sorbitan for targeted and antitumor drug delivery. European Polymer Journal, 2017, 95, 448-461.	2.6	18
71	Photo, pH and redox multi-responsive nanogels for drug delivery and fluorescence cell imaging. Polymer Chemistry, 2017, 8, 6150-6157.	1.9	96
72	Thermoresponsive Stability of Colloids in Butyl Acetate/Ethanol Binary Solvent Realized by Grafting Linear Acrylate Copolymers. Langmuir, 2017, 33, 9687-9693.	1.6	1
73	Doxorubicin Intracellular Remote Release from Biocompatible Oligo(ethylene glycol) Methyl Ether Methacrylate-Based Magnetic Nanogels Triggered by Magnetic Hyperthermia. ACS Applied Materials & Samp; Interfaces, 2017, 9, 25775-25788.	4.0	107
74	Unexpected Chiroâ€Thermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastinâ€Based Side Chains. Angewandte Chemie, 2017, 129, 11578-11583.	1.6	17

#	Article	IF	CITATIONS
75	Unexpected Chiroâ€Thermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastinâ€Based Side Chains. Angewandte Chemie - International Edition, 2017, 56, 11420-11425.	7.2	41
76	QDs decorated with thiol-monomer ligands as new multicrosslinkers for the synthesis of smart luminescent nanogels and hydrogels. Polymer Chemistry, 2017, 8, 5317-5326.	1.9	20
77	Assembly of Preformed Gold Nanoparticles onto Thermoresponsive Poly( <i>N</i> Assembly of Preformed Gold Nanoparticles onto Thermoresponsive Poly( <i>N</i> Action Chemistry. Chinese Journal of Chemistry, 2017, 35, 1755-1760.	2.6	7
78	Design and Fabrication of Temperatureâ€Sensitive Nanogels with Controlled Drug Release Properties for Enhanced Photothermal Sterilization. Chemistry - A European Journal, 2017, 23, 18180-18186.	1.7	33
79	Rationally Designed Calcium Phosphate/Small Gold Nanorod Assemblies Using Poly(acrylic acid) Tj ETQq0 0 0 rgBT Biomaterials Science and Engineering, 2017, 3, 3215-3221.	/Overlock 2.6	10 Tf 50 5 8
80	Light-Responsive Nanoparticles for Highly Efficient Cytoplasmic Delivery of Anticancer Agents. ACS Nano, 2017, 11, 12134-12144.	7.3	175
81	Facile Formation of Gold-Nanoparticle-Loaded $\hat{l}^3$ -Polyglutamic Acid Nanogels for Tumor Computed Tomography Imaging. Bioconjugate Chemistry, 2017, 28, 2692-2697.	1.8	32
82	Decoupled Thermo―and pHâ€Responsive Hydrogel Microspheres Crossâ€Linked by Rotaxane Networks. Angewandte Chemie, 2017, 129, 15595-15598.	1.6	6
83	Multiresponsive Nanogels for Targeted Anticancer Drug Delivery. Molecular Pharmaceutics, 2017, 14, 2624-2628.	2.3	42
84	How are we applying nanogel composites in biomedicine?. Nanomedicine, 2017, 12, 1627-1630.	1.7	5
85	Hydrogel based approaches for cardiac tissue engineering. International Journal of Pharmaceutics, 2017, 523, 454-475.	2.6	112
86	Cyclo(RGD)â€Decorated Reductionâ€Responsive Nanogels Mediate Targeted Chemotherapy of Integrin Overexpressing Human Glioblastoma In Vivo. Small, 2017, 13, 1601997.	5.2	55
87	Stimuli-Responsive Interfaces. , 2017, , .		3
88	Drug delivery across intact and disrupted skin barrier: Identification of cell populations interacting with penetrated thermoresponsive nanogels. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 116, 4-11.	2.0	32
89	Effect of Titanium Dioxide Nanogel Surface Charges and Particle Size on Anti-Corrosion Performances of Epoxy Coatings. International Journal of Electrochemical Science, 2017, 12, 959-974.	0.5	7
90	Supramolecular Polymers in Nanomedicine. , 2017, , 227-254.		3
91	Biopolymeric nanogel derived from functionalized glycogen towards targeted delivery of 5-fluorouracil. Polymer, 2018, 140, 122-130.	1.8	21
92	In Situ Oneâ€Pot Synthesis of MOF–Polydopamine Hybrid Nanogels with Enhanced Photothermal Effect for Targeted Cancer Therapy. Advanced Science, 2018, 5, 1800287.	5.6	115

#	Article	IF	CITATIONS
93	Redox/ultrasound dual stimuli-responsive nanogel for precisely controllable drug release. New Journal of Chemistry, 2018, 42, 9472-9481.	1.4	18
94	Carbon-based hybrid nanogels: a synergistic nanoplatform for combined biosensing, bioimaging, and responsive drug delivery. Chemical Society Reviews, 2018, 47, 4198-4232.	18.7	201
95	One-Step Preparation of pH-Responsive Polymeric Nanogels as Intelligent Drug Delivery Systems for Tumor Therapy. Biomacromolecules, 2018, 19, 2062-2070.	2.6	67
96	An <scp>I</scp> -proline based thermoresponsive and pH-switchable nanogel as a drug delivery vehicle. Polymer Chemistry, 2018, 9, 2271-2280.	1.9	22
97	Thermo/pH/magnetic-triple sensitive poly(N-isopropylacrylamide-co-2-dimethylaminoethyl) delivery. Polymer Bulletin, 2018, 75, 5403-5419.	1.7	24
98	Polymer Vesicles: Modular Platforms for Cancer Theranostics. Advanced Materials, 2018, 30, e1705674.	11.1	100
99	Nanogels of Natural Polymers. Gels Horizons: From Science To Smart Materials, 2018, , 71-110.	0.3	9
100	Tumorâ€Specific Selfâ€Degradable Nanogels as Potential Carriers for Systemic Delivery of Anticancer Proteins. Advanced Functional Materials, 2018, 28, 1707371.	7.8	85
101	Self-assembled polymer nanocomposites for biomedical application. Current Opinion in Colloid and Interface Science, 2018, 35, 36-41.	3.4	49
102	Fabrication of Polymer–Protein Hybrids. Macromolecular Rapid Communications, 2018, 39, e1700737.	2.0	19
103	Au(III) complexes loaded pHâ€responsive magnetic nanogels for cancer therapy. Applied Organometallic Chemistry, 2018, 32, e4303.	1.7	14
104	Multiâ€facet implications of PEGylated lysozyme stabilizedâ€silver nanoclusters loaded recombinant PTEN cargo in cancer theranostics. Biotechnology and Bioengineering, 2018, 115, 1116-1127.	1.7	8
105	Bioinspired, Manganese-Chelated Alginate–Polydopamine Nanomaterials for Efficient in Vivo <i>T</i> <sub>1</sub> -Weighted Magnetic Resonance Imaging. ACS Applied Materials & Company: Interfaces, 2018, 10, 5147-5160.	4.0	57
106	pH-Sensitive Coiled-Coil Peptide-Cross-Linked Hyaluronic Acid Nanogels: Synthesis and Targeted Intracellular Protein Delivery to CD44 Positive Cancer Cells. Biomacromolecules, 2018, 19, 555-562.	2.6	81
107	Redox/temperature responsive nonionic nanogel and photonic crystal hydrogel: Comparison between N, N′-Bis(acryloyl)cystamine and N, N′-methylenebisacrylamide. Polymer, 2018, 137, 112-121.	1.8	13
108	Construction of Hybrid Alginate Nanogels Loaded with Manganese Oxide Nanoparticles for Enhanced Tumor Magnetic Resonance Imaging. ACS Macro Letters, 2018, 7, 137-142.	2.3	27
109	Plasmonic core–shell ionic microgels for photo-tuning catalytic applications. New Journal of Chemistry, 2018, 42, 2149-2157.	1.4	6
110	Single-Step Binary Electrostatic Directed Assembly of Active Nanogels for Smart Concentration-Dependent Encryption. Langmuir, 2018, 34, 1557-1563.	1.6	13

#	Article	IF	CITATIONS
111	Metal-organic frameworks join hands to create an anti-cancer nanoplatform based on 808†nm light driving up-conversion nanoparticles. Chemical Engineering Journal, 2018, 344, 363-374.	6.6	54
112	Preparation of nanogels by radiation-induced cross-linking of interpolymer complexes of poly (acrylic) Tj ETQq1 1 (130-136.	0.784314 1.4	rgBT /Overl
113	Preparation and optimization of self-assembled chondroitin sulfate-nisin nanogel based on quality by design concept. International Journal of Biological Macromolecules, 2018, 107, 2730-2739.	3.6	27
114	NIR-fluorescent dye doped silica nanoparticles for <i>in vivo</i> in vivoin the same and the s	1.1	36
115	Co-Ni-carbon flexible composite fibres for directional magnetic actuation. Materials and Design, 2018, 141, 9-16.	3.3	7
116	Thermo-responsive PNIPAm nanopillars displaying amplified responsiveness through the incorporation of nanoparticles. Nanoscale, 2018, 10, 1189-1195.	2.8	19
117	Composite Polymer Colloids for SERSâ€Based Applications. Chemical Record, 2018, 18, 807-818.	2.9	23
118	Nano silver decorated polyacrylamide/dextran nanohydrogels hybrid composites for drug delivery applications. Materials Science and Engineering C, 2018, 85, 130-141.	3.8	86
119	Responsive crosslinked polymer nanogels for imaging and therapeutics delivery. Journal of Materials Chemistry B, 2018, 6, 210-235.	2.9	85
120	Poly(N-isopropylacrylamide)-coated gold nanorods mediated by thiolated chitosan layer: thermo-pH responsiveness and optical properties. E-Polymers, 2018, 18, 163-174.	1.3	10
121	Gelation of Poly(Vinylidene Fluoride) Solutions in Native and Organically Modified Silica Nanopores. Molecules, 2018, 23, 3025.	1.7	4
122	Fabrication of Chlorophyll-Incorporated Nanogels for Potential Applications in Photothermal Cancer Therapy. ACS Omega, 2018, 3, 16057-16062.	1.6	10
123	HISTORIC REVIEW ON MODERN HERBAL NANOGEL FORMULATION AND DELIVERY METHODS. International Journal of Pharmacy and Pharmaceutical Sciences, 2018, 10, 1.	0.3	16
124	Subtle changes in network composition impact the biodistribution and tumor accumulation of nanogels. Chemical Communications, 2018, 54, 11777-11780.	2.2	8
125	Optimizing Circulating Tumor Cells' Capture Efficiency of Magnetic Nanogels by Transferrin Decoration. Polymers, 2018, 10, 174.	2.0	13
126	A New Route to Fabricate Multifunctional and Multistage Composite Nanoparticle. International Journal of Polymer Science, 2018, 2018, 1-7.	1.2	1
127	New Combination/Application of Polymer-Based Nanoparticles for Biomedical Engineering. Advances in Experimental Medicine and Biology, 2018, 1078, 271-290.	0.8	4
128	Sono-RAFT Polymerization-Induced Self-Assembly in Aqueous Dispersion: Synthesis of LCST-type Thermosensitive Nanogels. Macromolecules, 2018, 51, 8862-8869.	2.2	53

#	Article	IF	CITATIONS
129	Reactive Oxygen Species Responsive Naturally Occurring Phenolic-Based Polymeric Prodrug. Advances in Experimental Medicine and Biology, 2018, 1078, 291-301.	0.8	6
130	Understanding the elusive protein corona of thermoresponsive nanogels. Nanomedicine, 2018, 13, 2657-2668.	1.7	22
131	Self-assembly of quaternary ammonium gemini surfactants in cyclohexane upon reinforcement by simple counterions. RSC Advances, 2018, 8, 18880-18888.	1.7	3
132	Narrowly Dispersed, Degradable, and Scalable Poly(oligoethylene glycol methacrylate)-Based Nanogels via Thermal Self-Assembly. Industrial & Engineering Chemistry Research, 2018, 57, 7495-7506.	1.8	18
133	Reflux Precipitation Polymerization: A New Platform for the Preparation of Uniform Polymeric Nanogels for Biomedical Applications. Macromolecular Bioscience, 2018, 18, e1800077.	2.1	24
134	Progress in Applications of Prussian Blue Nanoparticles in Biomedicine. Advanced Healthcare Materials, 2018, 7, e1800347.	3.9	180
135	Semi-interpenetrated, dendritic, dual-responsive nanogels with cytochrome c corona induce controlled apoptosis in HeLa cells. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 115-122.	2.0	11
136	Synthesis of Two Anionic Gemini Surfactants and Their Self-Assembly Induced by the Complexation of Calixpyridinium. Langmuir, 2018, 34, 8052-8057.	1.6	12
137	Polymer Gels. Gels Horizons: From Science To Smart Materials, 2018, , .	0.3	8
138	Design of Multifunctional Nanogels with Intelligent Behavior. Gels Horizons: From Science To Smart Materials, 2018, , 279-307.	0.3	1
139	Pharmapolymers in the 21st century: Synthetic polymers in drug delivery applications. Progress in Polymer Science, 2018, 87, 107-164.	11.8	177
140	Functional Microgels: Recent Advances in Their Biomedical Applications. Small, 2018, 14, e1801724.	5.2	111
141	Multi-Stimuli-Responsive Polymer Particles, Films, and Hydrogels for Drug Delivery. CheM, 2018, 4, 2084-2107.	5.8	245
142	FRET Monitoring of Intracellular Ketal Hydrolysis in Synthetic Nanoparticles. Angewandte Chemie - International Edition, 2018, 57, 10760-10764.	7.2	43
143	Nanoreactors for green catalysis. Beilstein Journal of Organic Chemistry, 2018, 14, 716-733.	1.3	46
144	Design and Efficacy of Nanogels Formulations for Intranasal Administration. Molecules, 2018, 23, 1241.	1.7	46
145	Design, Synthesis and Architectures of Hybrid Nanomaterials for Therapy and Diagnosis Applications. Polymers, 2018, 10, 527.	2.0	62
146	Aspartic and glutamic acids polymers: preparation and applications in medicinal chemistry and pharmaceutics. Russian Chemical Bulletin, 2018, 67, 614-623.	0.4	13

#	Article	IF	Citations
147	Self-Assembled Nanogels: From Particles to Scaffolds and Membranes. , 2018, , 33-62.		7
148	Liposomesâ€Camouflaged Redoxâ€Responsive Nanogels to Resolve the Dilemma between Extracellular Stability and Intracellular Drug Release. Macromolecular Bioscience, 2018, 18, e1800049.	2.1	18
149	Multistimuli Responsive Supramolecular Polymeric Nanoparticles Formed by Calixpyridinium and Chondroitin 4â€Sulfate. ChemistrySelect, 2018, 3, 2789-2794.	0.7	10
150	Försterâ€Resonanzenergietransferâ€basierter Nachweis intrazelluläer Ketalâ€Hydrolyse in synthetisch vernetzten Nanopartikeln. Angewandte Chemie, 2018, 130, 10920-10925.	1.6	2
151	A unique nanogel-based platform for enhanced dual mode tumor MR/CT imaging. Journal of Materials Chemistry B, 2018, 6, 4835-4842.	2.9	23
152	Synthesis of Ag–Fe3O4 nanoparticles supported on polydopamine-functionalized porous cellulose acetate microspheres: catalytic and antibacterial applications. Cellulose, 2018, 25, 4771-4782.	2.4	27
153	Facile synthesis of thermo-responsive nanogels less than 50Ânm in diameter via soap- and heat-free precipitation polymerization. Journal of Materials Science, 2018, 53, 12056-12064.	1.7	19
154	DNase I-Responsive Calixpyridinium-Mediated DNA Aggregation. Langmuir, 2019, 35, 10505-10511.	1.6	11
155	Plasmonic Photothermal Nanoparticles for Biomedical Applications. Advanced Science, 2019, 6, 1900471.	5.6	420
156	Electroluminochromic Materials and Devices Based on Metal Complexes. Chemistry - an Asian Journal, 2019, 14, 3791-3802.	1.7	18
157	Nanogels for regenerative medicine. Journal of Controlled Release, 2019, 313, 148-160.	4.8	68
158	Glutathione and pH-responsive chitosan-based nanogel as an efficient nanoplatform for controlled delivery of doxorubicin. Journal of Drug Delivery Science and Technology, 2019, 54, 101315.	1.4	14
159	Proline Isomerization-Regulated Tumor Microenvironment-Adaptable Self-Assembly of Peptides for Enhanced Therapeutic Efficacy. Nano Letters, 2019, 19, 7965-7976.	4.5	78
160	Conjugated Polymer Nanogel Binding Anticancer Drug through Hydrogen Bonds for Sustainable Drug Delivery. ACS Applied Bio Materials, 2019, 2, 6012-6020.	2.3	26
161	Experimental Investigation of Inductive Sensor Characteristic for Blade Tip Clearance Measurement at High Temperature. Sensors, 2019, 19, 3694.	2.1	9
162	pH-Responsive Degradable Dextran-Quantum Dot Nanohybrids for Enhanced Gene Delivery. ACS Applied Materials & Description (2019), 11, 34707-34716.	4.0	30
163	NIR- and thermo-responsive semi-interpenetrated polypyrrole nanogels for imaging guided combinational photothermal and chemotherapy. Journal of Controlled Release, 2019, 311-312, 147-161.	4.8	64
164	Dual-functional supramolecular nanohybrids of quantum dot/biopolymer/chemotherapeutic drug for bioimaging and killing brain cancer cells in vitro. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110507.	2.5	27

#	ARTICLE	IF	CITATIONS
165	<p>Amphiphilic nanogels: influence of surface hydrophobicity on protein corona, biocompatibility and cellular uptake</p> . International Journal of Nanomedicine, 2019, Volume 14, 7861-7878.	3.3	37
166	Smart Organic-Inorganic Nanogels for Activatable Theranostics. Current Medicinal Chemistry, 2019, 26, 1366-1376.	1.2	13
167	Redox-responsive degradable prodrug nanogels for intracellular drug delivery by crosslinking of amine-functionalized poly(N-vinylpyrrolidone) copolymers. Journal of Colloid and Interface Science, 2019, 540, 612-622.	5.0	48
168	Tunable enzyme responses in amphiphilic nanoassemblies through alterations in the unimer–aggregate equilibrium. Chemical Science, 2019, 10, 3018-3024.	3.7	18
169	Effect of crosslinking agent to design nanostructured hyaluronic acid-based hydrogels with improved relaxometric properties. Carbohydrate Polymers, 2019, 222, 114991.	5.1	11
170	Hyaluronic Acid Derivatives for Translational Medicines. Biomacromolecules, 2019, 20, 2889-2903.	2.6	66
171	Polysaccharide-based nanogels for drug and gene delivery., 2019,, 497-557.		9
172	Simultaneous and Reversible Triggering of the Phase Transfer and Luminescence Change of Amidine-Modified Carbon Dots by CO <sub>2</sub> . ACS Applied Materials & Diterfaces, 2019, 11, 22851-22857.	4.0	7
173	Magnetic Nanostructure-Coated Thermoresponsive Hydrogel Nanoconstruct As a Smart Multimodal Theranostic Platform. ACS Biomaterials Science and Engineering, 2019, 5, 3049-3059.	2.6	17
174	Recent Advances in Degradable Hybrids of Biomolecules and NGs for Targeted Delivery. Molecules, 2019, 24, 1873.	1.7	15
175	pHâ€responsive squeezing polysaccharidic nanogels for efficient docetaxel delivery. Polymers for Advanced Technologies, 2019, 30, 2067-2074.	1.6	17
176	Recent advances in gold nanoparticles for biomedical applications: from hybrid structures to multi-functionality. Journal of Materials Chemistry B, 2019, 7, 3480-3496.	2.9	115
177	Nanotechnology in Plant Science: To Make a Long Story Short. Frontiers in Bioengineering and Biotechnology, 2019, 7, 120.	2.0	241
178	pH-responsive carbon nanotube-based hybrid nanogels as the smart anticancer drug carrier. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1437-1443.	1.9	36
179	ATP responsive DNA nanogels grown on biocompatible branches for anticancer drug delivery. Soft Matter, 2019, 15, 3655-3658.	1.2	18
180	Nanobiopesticides: Composition and preparation methods. , 2019, , 69-131.		16
181	Recent Advances in Phenylboronic Acid-Based Gels with Potential for Self-Regulated Drug Delivery. Molecules, 2019, 24, 1089.	1.7	27
182	Supramolecular Nanogelâ€Based Universal Drug Carriers Formed by "Soft–Hard―Coâ€Assembly: Accurate Cancer Diagnosis and Hypoxiaâ€Activated Cancer Therapy. Advanced Therapeutics, 2019, 2, 1800140.	1.6	40

#	Article	IF	CITATIONS
183	Organic/inorganic nanohybrids as multifunctional gene delivery systems. Journal of Gene Medicine, 2019, 21, e3084.	1.4	29
184	Biodegradable Antibacterial Polymeric Nanosystems: A New Hope to Cope with Multidrugâ€Resistant Bacteria. Small, 2019, 15, e1900999.	5.2	135
185	Covalently Crosslinked Nanogels: An NMR Study of the Effect of Monomer Reactivity on Composition and Structure. Polymers, 2019, 11, 353.	2.0	16
186	Photo-induced hydrogen-bonding complexes for drug periodic release. Biomaterials Science, 2019, 7, 2468-2479.	2.6	9
187	Hybrid Nanogels: Stealth and Biocompatible Structures for Drug Delivery Applications. Pharmaceutics, 2019, 11, 71.	2.0	36
188	Reductive microenvironment responsive gadolinium-based polymers as potential safe MRI contrast agents. Biomaterials Science, 2019, 7, 1919-1932.	2.6	54
189	Microgels in biomaterials and nanomedicines. Advances in Colloid and Interface Science, 2019, 266, 1-20.	7.0	56
190	Critical parameters for the controlled synthesis of nanogels suitable for temperature-triggered protein delivery. Materials Science and Engineering C, 2019, 100, 141-151.	3.8	24
191	Nanogel-based active drug delivery. , 2019, , 115-124.		0
192	Biological Influence of Nonswelling Microgels on Cartilage Induction of Mouse Adipose-Derived Stem Cells. BioMed Research International, 2019, 2019, 1-10.	0.9	1
193	Giant "Breathing―Proteinosomes with Jellyfish-like Property. ACS Applied Materials & Samp; Interfaces, 2019, 11, 47619-47624.	4.0	14
194	Curcumin to Promote the Synthesis of Silver NPs and their Self-Assembly with a Thermoresponsive Polymer in Core-Shell Nanohybrids. Scientific Reports, 2019, 9, 18187.	1.6	31
195	Dual-responsive nanogels based on oligo(ethylene glycol) methacrylates and acidic co-monomers. Soft Matter, 2019, 15, 9700-9709.	1.2	7
196	Stimuli-responsive nanoscale drug delivery systems for cancer therapy. Journal of Drug Targeting, 2019, 27, 423-433.	2.1	93
197	Thermodynamic properties of polymethylsilsesquioxane nanogels with blocking trimethylsilyl groups. Journal of Chemical Thermodynamics, 2019, 131, 572-582.	1.0	1
198	Versatile Types of Organic/Inorganic Nanohybrids: From Strategic Design to Biomedical Applications. Chemical Reviews, 2019, 119, 1666-1762.	23.0	299
199	Recent insights in magnetic hyperthermia: From the "hot-spot―effect for local delivery to combined magneto-photo-thermia using magneto-plasmonic hybrids. Advanced Drug Delivery Reviews, 2019, 138, 233-246.	6.6	122
200	Step-growth production of nanogels for use as macromers with dimethacrylate monomers. Reactive and Functional Polymers, 2019, 134, 85-92.	2.0	7

#	Article	IF	CITATIONS
201	Ultrasensitive redox-responsive porphyrin-based polymeric nanoparticles for enhanced photodynamic therapy. European Polymer Journal, 2019, 110, 344-354.	2.6	16
202	Smart Supramolecular "Trojan Horseâ€â€Inspired Nanogels for Realizing Lightâ€Triggered Nuclear Drug Influx in Drugâ€Resistant Cancer Cells. Advanced Functional Materials, 2019, 29, 1807772.	7.8	48
203	Nitroimidazole derivative incorporated liposomes for hypoxia-triggered drug delivery and enhanced therapeutic efficacy in patient-derived tumor xenografts. Acta Biomaterialia, 2019, 83, 334-348.	4.1	72
204	Coarse-grained simulations of diffusion controlled release of drugs from neutral nanogels: Effect of excluded volume interactions. Journal of Chemical Physics, 2020, 152, 024107.	1.2	8
205	Enhanced one-photon and two-photon excited luminescence of polymer-stabilized AuAg nanoclusters aggregates. Journal of Luminescence, 2020, 221, 116994.	1.5	5
206	Effect of crosslinking density on thermoresponsive nanogels: A study on the size control and the kinetics release of biomacromolecules. European Polymer Journal, 2020, 124, 109478.	2.6	17
207	Tailor-made legumain/pH dual-responsive doxorubicin prodrug-embedded nanoparticles for efficient anticancer drug delivery and <i>in situ</i> monitoring of drug release. Nanoscale, 2020, 12, 2673-2685.	2.8	16
208	Chiral gold–PPA nanocomposites with tunable helical sense and morphology. Nanoscale Horizons, 2020, 5, 495-500.	4.1	17
209	Polyphotosensitizer nanogels for GSH-responsive histone deacetylase inhibitors delivery and enhanced cancer photodynamic therapy. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110753.	2.5	19
210	Colloidally stable polypeptideâ€based nanogel: Study of enzymeâ€mediated nanogelation in inverse miniemulsion. Journal of Applied Polymer Science, 2020, 137, 48725.	1.3	10
211	Polysaccharide-based hybrid materials for molecular release applications., 2020,, 165-201.		2
212	Effect of Core Nanostructure on the Thermomechanical Properties of Soft Nanoparticles. Chemistry of Materials, 2020, 32, 518-528.	3.2	9
213	Preparation of degradable magnetic temperature- and redox-responsive polymeric/Fe3O4 nanocomposite nanogels in inverse miniemulsions for loading and release of 5-fluorouracil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 587, 124363.	2.3	41
214	Synthesis of zwitterionic redox-responsive nanogels by one-pot amine-thiol-ene reaction for anticancer drug release application. Reactive and Functional Polymers, 2020, 147, 104463.	2.0	18
215	Recent developments in stimuli-responsive polymer nanogels for drug delivery and diagnostics: A review. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 157, 121-153.	2.0	55
216	Doxorubicin-loaded composite nanogels for cancer treatment. Journal of Controlled Release, 2020, 328, 171-191.	4.8	62
217	Thermo- and pH-sensitive glycosaminoglycans derivatives obtained by controlled grafting of poly(N-isopropylacrylamide). Carbohydrate Polymers, 2020, 248, 116764.	5.1	21
218	Effective treatment of drug-resistant lung cancer via a nanogel capable of reactivating cisplatin and enhancing early apoptosis. Biomaterials, 2020, 257, 120252.	5.7	36

#	Article	IF	CITATIONS
219	Nanosystems Applied to HIV Infection: Prevention and Treatments. International Journal of Molecular Sciences, 2020, 21, 8647.	1.8	10
220	Influence of Buffers, Ionic Strength, and pH on the Volume Phase Transition Behavior of Acrylamide-Based Nanogels. Polymers, 2020, 12, 2590.	2.0	11
221	Polymerization Reactions and Modifications of Polymers by Ionizing Radiation. Polymers, 2020, 12, 2877.	2.0	178
222	Revealing the NIR-triggered chemotherapy therapeutic window of magnetic and thermoresponsive nanogels. Nanoscale, 2020, 12, 21635-21646.	2.8	13
223	Nanocomposite hydrogel films and coatings – Features and applications. Applied Materials Today, 2020, 20, 100776.	2.3	37
224	Stimuli-responsive polymer-based systems for diagnostic applications. Journal of Materials Chemistry B, 2020, 8, 7042-7061.	2.9	37
225	An in situ synthesis of silver nanoparticle-loaded genetically engineered polypeptide nanogels for antibacterial and wound healing applications. Dalton Transactions, 2020, 49, 12049-12055.	1.6	8
226	Tuneable peptide cross-linked nanogels for enzyme-triggered protein delivery. Journal of Materials Chemistry B, 2020, 8, 8894-8907.	2.9	21
227	Smart stimuli-responsive biopolymeric nanomedicines for targeted therapy of solid tumors. Nanomedicine, 2020, 15, 2171-2200.	1.7	29
228	Potential Applications of Advanced Nano/Hydrogels in Biomedicine: Static, Dynamic, Multiâ€6tage, and Bioinspired. Advanced Functional Materials, 2020, 30, 2004098.	7.8	65
229	Tailoring Gelation Mechanisms for Advanced Hydrogel Applications. Advanced Functional Materials, 2020, 30, 2002759.	7.8	148
230	Stress Relaxation via Covalent Dynamic Bonds in Nanogel-Containing Thiol–Ene Resins. ACS Macro Letters, 2020, 9, 713-719.	2.3	12
231	Synthesis and evaluation of Iuliconazole loaded biodegradable nanogels prepared by pH-responsive Poly (acrylic acid) grafted Sodium Carboxymethyl Cellulose using amine based cross linker for topical targeting: In vitro and Ex vivo assessment. Polymer-Plastics Technology and Materials, 2020, 59, 1654-1666.	0.6	12
232	Metal Oxide–Based Nanocomposites as Antimicrobial and Biomedical Agents. , 2020, , 287-323.		11
233	Dynamics of oil-water interface demulsification using multifunctional magnetic hybrid and assembly materials. Journal of Molecular Liquids, 2020, 312, 113434.	2.3	47
234	TME-activatable theranostic nanoplatform with ATP burning capability for tumor sensitization and synergistic therapy. Theranostics, 2020, 10, 6987-7001.	4.6	35
235	Tunable nanogels by host–guest interaction with carboxylate pillar[5]arene for controlled encapsulation and release of doxorubicin. Nanoscale, 2020, 12, 13595-13605.	2.8	6
236	Organic/inorganic nanocomposites for cancer immunotherapy. Materials Chemistry Frontiers, 2020, 4, 2571-2609.	3.2	38

#	Article	IF	CITATIONS
237	Hybrid nanogels with unique designs for improved tumor theranostics. Nanomedicine, 2020, 15, 1455-1458.	1.7	4
238	Temperature/pH/magnetic triple sensitive nanogel for doxorubicin anticancer drug delivery. Inorganic and Nano-Metal Chemistry, 2020, 50, 1189-1200.	0.9	13
239	Hybrid nanogels for photoacoustic imaging and photothermal therapy. , 2020, , 23-43.		3
240	Straightforward Access to Glycosylated, Acid Sensitive Nanogels by Host–Guest Interactions with Sugar-Modified Pillar[5]arenes. ACS Macro Letters, 2020, 9, 540-545.	2.3	11
241	The Potential of Electrospinning/Electrospraying Technology in the Rational Design of Hydrogel Structures. Macromolecular Materials and Engineering, 2020, 305, 2000285.	1.7	29
242	Nanogels with Selective Intracellular Reactivity for Intracellular Tracking and Delivery. Chemistry - A European Journal, 2020, 26, 15084-15088.	1.7	8
243	Metal-Assisted and Solvent-Mediated Synthesis of Two-Dimensional Triazine Structures on Gram Scale. Journal of the American Chemical Society, 2020, 142, 12976-12986.	6.6	21
244	Advanced engineered nanoparticulate platforms to address key biological barriers for delivering chemotherapeutic agents to target sites. Advanced Drug Delivery Reviews, 2020, 167, 170-188.	6.6	112
245	Degradable polycaprolactone nanoparticles stabilized ⟨i>via⟨i> supramolecular host–guest interactions with pH-responsive polymer-pillar[5]arene conjugates. Polymer Chemistry, 2020, 11, 1985-1997.	1.9	4
246	Hydrogel design strategies for drug delivery. Current Opinion in Colloid and Interface Science, 2020, 48, 1-17.	3.4	169
247	Polyampholyte-grafted single walled carbon nanotubes prepared via a green process for anticancer drug delivery application. Polymer, 2020, 193, 122340.	1.8	18
248	Smart nanogels in cancer therapy. , 2020, , 179-193.		4
249	Smart Thermomechanochemical Composite Materials Driven by Different Forms of Electromagnetic Radiation. Journal of Composites Science, 2020, 4, 3.	1.4	5
250	Synthesis of spiropyran with methacrylate at the benzopyran moiety and control of the water repellency and cell adhesion of its polymer film. Journal of Materials Chemistry B, 2020, 8, 1489-1495.	2.9	12
251	New Developments in Medical Applications of Hybrid Hydrogels Containing Natural Polymers. Molecules, 2020, 25, 1539.	1.7	161
252	Bioresponsive prodrug nanogel-based polycondensate strategy deepens tumor penetration and potentiates oxidative stress. Chemical Engineering Journal, 2021, 420, 127657.	6.6	35
253	Preparation of ultrasmall nanogels by facile emulsion-free photopolymerization at 532Ânm. Journal of Colloid and Interface Science, 2021, 582, 711-719.	5.0	15
254	Light-activatable liposomes for repetitive on-demand drug release and immunopotentiation in hypoxic tumor therapy. Biomaterials, 2021, 265, 120456.	5.7	146

#	ARTICLE	IF	CITATIONS
255	Optimal synthesis of polyelectrolyte nanogels by electrostatic assembly directed polymerization for dye loading and release. Soft Matter, 2021, 17, 887-892.	1.2	9
256	Smart Composites and Their Applications. , 2021, , 380-389.		0
257	Fabrication of stimuli-responsive nanogels for protein encapsulation and traceless release without introducing organic solvents, surfactants, or small-molecule cross-linkers. Polymer Chemistry, 2021, 12, 554-563.	1.9	7
258	Magnetic microgels and nanogels: Physical mechanisms and biomedical applications. Bioengineering and Translational Medicine, 2021, 6, e10190.	3.9	32
259	Rationales Design von Nanogelen zur Überwindung biologischer Barrieren auf verschiedenen Verabreichungswegen. Angewandte Chemie, 2021, 133, 14884-14903.	1.6	6
260	Rational Design of Nanogels for Overcoming the Biological Barriers in Various Administration Routes. Angewandte Chemie - International Edition, 2021, 60, 14760-14778.	7.2	44
261	Thermo-sensitivity of hybrid nanogels for specific endogenous hydrogen sulfide detection and efficient flash chill treatment. Analytical Methods, 2021, 13, 3218-3226.	1.3	1
262	Hydrogel: Diversity of Structures and Applications in Food Science. Food Reviews International, 2021, 37, 313-372.	4.3	81
263	Chemo-specific designs for the enumeration of circulating tumor cells: advances in liquid biopsy. Journal of Materials Chemistry B, 2021, 9, 2946-2978.	2.9	8
264	Multifunctional Nanocomposites for Biotherapeutic Applications., 2021,, 1444-1472.		0
265	Methods for detection and measurement of calcium in plants., 2021,, 411-426.		2
266	Targeted Delivery of a Matrix Metalloproteinases-2 Specific Inhibitor Using Multifunctional Nanogels to Attenuate Ischemic Skeletal Muscle Degeneration and Promote Revascularization. ACS Applied Materials & Degeneration and Promote Revascularization. ACS Applied Materials & Degeneration and Promote Revascularization.	4.0	8
267	Chronic Inflammatory Diseases, Anti-Inflammatory Agents and Their Delivery Nanosystems. Pharmaceutics, 2021, 13, 64.	2.0	55
268	Reduction-Responsive Chemo-Capsule-Based Prodrug Nanogel for Synergistic Treatment of Tumor Chemotherapy. ACS Applied Materials & Samp; Interfaces, 2021, 13, 8940-8951.	4.0	35
269	Design and Development of Hybrid Hydrogels for Biomedical Applications: Recent Trends in Anticancer Drug Delivery and Tissue Engineering. Frontiers in Bioengineering and Biotechnology, 2021, 9, 630943.	2.0	63
270	Supramolecular Polymer Nanocomposites for Biomedical Applications. Polymers, 2021, 13, 513.	2.0	17
271	"Smart―Polymer Nanogels as Pharmaceutical Carriers: A Versatile Platform for Programmed Delivery and Diagnostics. ACS Omega, 2021, 6, 5075-5090.	1.6	26
272	Enzyme-Responsive Biopolymeric Nanogel Fibers by Extrusion: Engineering of High-Surface-Area Hydrogels and Application in Bacterial Enzyme Detection. ACS Applied Materials & Interfaces, 2021, 13, 12928-12940.	4.0	11

#	Article	IF	CITATIONS
273	Effect of rare earth oxide CeO <sub>2</sub> on the anodic bonding performance of PEG-based MEMS encapsulation materials. Advances in Mechanical Engineering, 2021, 13, 168781402110077.	0.8	1
274	The Limitless Future of RNA Therapeutics. Frontiers in Bioengineering and Biotechnology, 2021, 9, 628137.	2.0	296
275	Novel Therapeutic Platform of Micelles and Nanogels from Dopaâ€Functionalized Triblock Copolymers. Small, 2021, 17, e2007305.	5.2	9
276	Design and Testing of Efficient Mucusâ€Penetrating Nanogels—Pitfalls of Preclinical Testing and Lessons Learned. Small, 2021, 17, e2007963.	5.2	12
277	Visual detection of alkaline phosphatase based on ascorbic acid-triggered gel-sol transition of alginate hydrogel. Analytica Chimica Acta, 2021, 1148, 238193.	2.6	10
278	High Antibacterial Effect of Impregnated Nanofiber Mats with a Green Nanogel Against Major Human Pathogens. BioNanoScience, 2021, 11, 549-558.	1.5	8
279	Functional Microgel for Selective and Sensitive Colorimetric Detection of Fe2+ Ions in HEPES Buffer Aqueous Solutions. ACS Applied Polymer Materials, 2021, 3, 2489-2497.	2.0	1
280	Photo-responsive prodrug nanoparticles for efficient cytoplasmic delivery and synergistic photodynamic-chemotherapy of metastatic triple-negative breast cancer. Acta Biomaterialia, 2021, 126, 421-432.	4.1	14
281	Self-Assembled Hybrid Nanogel as a Multifunctional Theranostic Probe for Enzyme-Regulated Ultrasound Imaging and Tumor Therapy. ACS Applied Bio Materials, 2021, 4, 4244-4253.	2.3	21
282	Theragnostic nanomotors: Successes and upcoming challenges. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1736.	3.3	12
283	Engineered nanomaterial and their interactions with plant–soil system: a developmental journey and opposing facts. Nanotechnology for Environmental Engineering, 2021, 6, 1.	2.0	7
284	Exploring the impact of CoFe <sub>2</sub> O <sub>4</sub> additives morphology on the properties of a novel strain-rate sensitive composite material. Smart Materials and Structures, 2021, 30, 085014.	1.8	1
285	Starch Based Nanogels: From Synthesis to Miscellaneous Applications. Starch/Staerke, 2021, 73, 2100011.	1.1	2
286	3D-Printable Hierarchical Nanogel-GelMA Composite Hydrogel System. Polymers, 2021, 13, 2508.	2.0	13
287	Biomineralized DNA nanospheres by metal organic framework for enhanced chemodynamic therapy. Chemical Engineering Journal, 2021, 415, 129036.	6.6	37
288	Responsive Polymeric Nanoparticles for Biofilm-infection Control. Chinese Journal of Polymer Science (English Edition), 0, , 1.	2.0	13
289	Fabrication of the amphiphilic hyperbranched poly(ether amine)@graphene (hPEAâ€AN@G) hybrid assemblies by ball milling. Polymer International, 0, , .	1.6	1
290	Engineered nanogels shape templated by closo-dodecaborate nano-ion and dictated by chemical crosslinking for efficient boron delivery. Journal of Molecular Liquids, 2021, 336, 116367.	2.3	7

#	Article	IF	CITATIONS
291	Nanogels: An overview of properties, biomedical applications, future research trends and developments. Journal of Molecular Structure, 2021, 1239, 130446.	1.8	33
292	Equilibrium swelling of multi-stimuli-responsive copolymer gels. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104623.	1.5	1
293	An insight of nanogels as novel drug delivery system with potential hybrid nanogel applications. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 262-278.	1.9	16
294	Exploring the conditions to generate alginate nanogels. Journal of Sol-Gel Science and Technology, 2022, 102, 142-150.	1.1	7
295	Thermo- and UV-responsive amphiphilic nanogels via reversible [4+4] photocycloaddition of PEG/PCL-based polyurethane dispersions. European Polymer Journal, 2021, 160, 110800.	2.6	6
296	Comparing pH-responsive nanogel swelling in dispersion and inside a polyacrylamide gel using photoluminescence spectroscopy and small-angle neutron scattering. Journal of Colloid and Interface Science, 2022, 608, 378-385.	5.0	8
297	Nanobiotechnology-assisted therapies to manage brain cancer in personalized manner. Journal of Controlled Release, 2021, 338, 224-243.	4.8	38
298	Nanocarriers for Skin Applications: Where Do We Stand?. Angewandte Chemie, 0, , .	1.6	0
299	Nanogels: A novel approach in antimicrobial delivery systems and antimicrobial coatings. Bioactive Materials, 2021, 6, 3634-3657.	8.6	63
300	Nanocarriers for Skin Applications: Where Do We Stand?. Angewandte Chemie - International Edition, 2022, 61, .	7.2	58
301	Organic-inorganic nanohybrid particles for biomedical applications., 2021,, 113-135.		2
302	Applications of Nanobiotechnology in Overcoming Temperature Stress. , 2021, , 417-435.		5
303	Efficient Synthesis of Stable Polyelectrolyte Complex Nanoparticles by Electrostatic Assembly Directed Polymerization. Macromolecular Rapid Communications, 2021, 42, 2000635.	2.0	12
304	Advancement in nanogel formulations provides controlled drug release. International Journal of Pharmaceutics, 2020, 584, 119435.	2.6	62
305	Environmental Liquid Cell Technique for Improved Electron Microscopic Imaging of Soft Matter in Solution. Microscopy and Microanalysis, 2021, 27, 44-53.	0.2	4
306	CHAPTER 12. Stimuli-responsive Materials in Theranostics. Biomaterials Science Series, 0, , 284-316.	0.1	1
307	Halloysite nanotubes in polymer science: purification, characterization, modification and applications. Nanotechnology Reviews, 2020, 9, 323-344.	2.6	80
308	Micro- to Nanoscale Bio-Hybrid Hydrogels Engineered by Ionizing Radiation. Biomolecules, 2021, 11, 47.	1.8	6

#	Article	IF	CITATIONS
309	Amphiphilic micro―and nanogels: Combining properties from internal hydrogel networks, solid particles, and micellar aggregates. Journal of Polymer Science, 2021, 59, 2665-2703.	2.0	24
310	Future of Nanogels for Sensing Applications. RSC Smart Materials, 2017, , 261-282.	0.1	4
311	Responsive Nanogels for Anti-cancer Therapy. RSC Smart Materials, 2017, , 210-260.	0.1	2
312	Metallic Nanoparticle Plasmonic Nanoheater. The Review of Laser Engineering, 2018, 46, 517.	0.0	1
313	Multifunctional Nanocomposites for Biotherapeutic Applications. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 328-356.	0.3	0
314	Carbon Dot-Based Hybrid Nanogels for Biomedical Applications. Biomedical Journal of Scientific & Technical Research, 2018, 4, .	0.0	0
315	Chapter 1. Introduction: Cucurbituril-containing Functional Materials in the Context of Smart Materials, 2019, , 1-6.	0.1	0
316	Engineered polymeric nanovehicles for drug delivery. Frontiers of Nanoscience, 2020, 16, 201-232.	0.3	2
317	Galvanic Replacement as a Synthetic Tool for the Construction of Anisotropic Magnetoplasmonic Nanocomposites with Synergistic Phototransducing and Magnetic Properties. ACS Applied Materials & Samp; Interfaces, 2020, 12, 56839-56849.	4.0	2
318	Impregnated Nanofibrous Mat with Nanogel of Citrus sinensis Essential Oil as a New Type of Dressing in Cutaneous Leishmaniasis. Biointerface Research in Applied Chemistry, 2021, 11, 11066-11076.	1.0	5
319	Heat-Induced Flower Nanogels of Both Cholesterol End-Capped Poly( <i>N</i> -isopropylacrylamide)s in Water. Langmuir, 2022, 38, 5218-5225.	1.6	4
320	Swelling of composite microgels with soft cores and thermo-responsive shells. Mechanics of Advanced Materials and Structures, 2022, 29, 7204-7220.	1.5	1
321	Panchromatic Fluorescence Emission from Thienosquaraines Dyes: White Light Electrofluorochromic Devices. Molecules, 2021, 26, 6818.	1.7	4
322	Enhancing cancer chemo-immunotherapy by biomimetic nanogel with tumor targeting capacity and rapid drug-releasing in tumor microenvironment. Acta Pharmaceutica Sinica B, 2022, 12, 2550-2567.	5.7	22
323	Biodegradable AuNP-Based Plasmonic Nanogels as Contrast Agents for Computed Tomography and Photoacoustics. Methods in Molecular Biology, 2022, 2393, 773-796.	0.4	1
324	The Role of Polymer–AuNP Interaction in the Stimuliâ€Response Properties of PPA–AuNP Nanocomposites. Macromolecular Rapid Communications, 2022, 43, e2100616.	2.0	4
325	Tertiary Amine-Terminated Carbon Dots with Reversible CO <sub>2</sub> Switchable Amphiphilicity as the Versatile Lubricant Additives. ACS Sustainable Chemistry and Engineering, 2021, 9, 16829-16839.	3.2	19
326	Radiation synthesis of poly(acrylic acid) nanogels for drug delivery applications – post-synthesis product colloidal stability. Nukleonika, 2021, 66, 179-186.	0.3	3

#	Article	IF	CITATIONS
327	Bioinspired tunable hydrogels: An update on methods of preparation, classification, and biomedical and therapeutic applications. International Journal of Pharmaceutics, 2022, 612, 121368.	2.6	15
328	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
329	Upper critical solution temperature polymeric drug carriers. Chemical Engineering Journal, 2022, 432, 134354.	6.6	21
330	The Potency of Wound Healing of Nanogel-containing Mikania micrantha Leaves Extract in Hyperglycemic Rats. Pharmaceutical Nanotechnology, 2021, 9, 339-346.	0.6	7
331	Progress in drug-delivery systems in cardiovascular applications: stents, balloons and nanoencapsulation. Nanomedicine, 2022, 17, 325-347.	1.7	5
332	Bioresponsive nanogels for protein delivery. View, 2022, 3, .	2.7	26
333	Fabrication and application of copper metal–organic frameworks as nanocarriers for pH-responsive anticancer drug delivery. Journal of the Iranian Chemical Society, 2022, 19, 2727-2737.	1.2	11
334	Engineered Gold Nanoparticles for Photothermal Applications. RSC Nanoscience and Nanotechnology, 2022, , 33-80.	0.2	2
335	Nanosystems for the delivery of antiretroviral drugs: opportunities, problems, and prospects. HIV Infection and Immunosuppressive Disorders, 2022, 13, 64-76.	0.1	2
336	Metal-free bioorthogonal click chemistry in cancer theranostics. Chemical Society Reviews, 2022, 51, 1336-1376.	18.7	76
337	Co-delivery of paclitaxel and doxorubicin using polypeptide-engineered nanogels for combination therapy of tumor. Nanotechnology, 2022, 33, 155101.	1.3	8
338	Hybrid nanogel systems for drug delivery. , 2022, , 85-100.		2
339	Modern Herbal Nanogels: Formulation, Delivery Methods, and Applications. Gels, 2022, 8, 97.	2.1	27
340	Recent advances on next generation of polyzwitterion-based nano-vectors for targeted drug delivery. Journal of Controlled Release, 2022, 343, 492-505.	4.8	18
341	Lipid-based nanostructures in food applications. , 2022, , 113-128.		1
342	Small-scale soft grippers with environmentally responsive logic gates. Materials Horizons, 2022, 9, 1431-1439.	6.4	8
343	Recent progress of carbon dots in targeted bioimaging and cancer therapy. Theranostics, 2022, 12, 2860-2893.	4.6	44
344	Water-stable perovskite-loaded nanogels containing antioxidant property for highly sensitive and selective detection of roxithromycin in animal-derived food products. Scientific Reports, 2022, 12, 3147.	1.6	9

#	Article	IF	Citations
345	Multi-responsive micro/nanogels for optical sensing. Advances in Physics: X, 2022, 7, .	1.5	2
346	Synthesis of Anionic Nanogels for Selective and Efficient Enzyme Encapsulation. Langmuir, 2022, 38, 3234-3243.	1.6	8
347	One stone, many birds: Recent advances in functional nanogels for cancer nanotheranostics. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1791.	3.3	12
348	Physiological response of maize plants and its rhizospheric microbiome under the influence of potential bioinoculants and nanochitosan. Plant and Soil, 2022, 474, 451-468.	1.8	37
349	Synthesis and characterization of pHâ€responsive waterâ€dispersed nanohydrogels of crossâ€linked polyacrylamideâ€∢i>co⟨/i>â€polyacrylic acid. Polymer Engineering and Science, 2022, 62, 1797-1810.	1.5	1
350	Biocompatibility study of P (N-isopropylacrylamide)-based nanocomposite and its cytotoxic effect on HeLa cells as a drug delivery system for Cisplatin. Journal of Drug Delivery Science and Technology, 2022, , 103254.	1.4	0
351	Mixed Polymeric Micelles for Rapamycin Skin Delivery. Pharmaceutics, 2022, 14, 569.	2.0	9
352	EGDMA- and TRIM-Based Microparticles Imprinted with 5-Fluorouracil for Prolonged Drug Delivery. Polymers, 2022, 14, 1027.	2.0	11
353	Herceptin-Conjugated DOX-Fe <sub>3</sub> O <sub>4</sub> /P(NIPAM-AA-MAPEG) Nanogel System for HER2-Targeted Breast Cancer Treatment and Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2022, 14, 15956-15969.	4.0	18
354	Artificial intelligence to bring nanomedicine to life. Advanced Drug Delivery Reviews, 2022, 184, 114194.	6.6	39
355	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications. Bioconjugate Chemistry, 2022, 33, 87-96.	1.8	13
356	Cell-Regulated Hollow Sulfur Nanospheres with Porous Shell: A Dual-Responsive Carrier for Sustained Drug Release. ACS Sustainable Chemistry and Engineering, 2022, 10, 5138-5147.	3.2	2
357	Nanotechnologies for microbial inoculants as biofertilizers in the horticulture., 2022,, 201-261.		1
358	Intelligent design of polymer nanogels for full-process sensitized radiotherapy and dual-mode computed tomography/magnetic resonance imaging of tumors. Theranostics, 2022, 12, 3420-3437.	4.6	10
359	Nanonutraceuticals â€" Challenges and Novel Nano-based Carriers for Effective Delivery and Enhanced Bioavailability. Food and Bioprocess Technology, 2022, 15, 2155-2184.	2.6	13
360	A hybrid thermoresponsive plasmonic nanogel designed for NIR-mediated chemotherapy. , 2022, 137, 212842.		6
361	A biomineralized Prussian blue nanotherapeutic for enhanced cancer photothermal therapy. Journal of Materials Chemistry B, 2022, 10, 4889-4896.	2.9	10
362	Active targeting redox-responsive mannosylated prodrug nanocolloids promote tumor recognition and cell internalization for enhanced colon cancer chemotherapy. Acta Biomaterialia, 2022, 147, 299-313.	4.1	20

#	Article	IF	CITATIONS
363	Bioengineered nanogels for cancer immunotherapy. Chemical Society Reviews, 2022, 51, 5136-5174.	18.7	81
364	Synthesis and anisotropic growth of glycerol-based thermoresponsive NIR plasmonic nanogels. European Polymer Journal, 2022, 175, 111342.	2.6	1
365	Thermoresponsive nanogels based on polyelectrolyte complexes between polycations and functionalized hyaluronic acid. Carbohydrate Polymers, 2022, 292, 119711.	5.1	6
366	Management of fluorescent organic/inorganic nanohybrids for biomedical applications in the NIR-II region. Chemical Society Reviews, 2022, 51, 7692-7714.	18.7	41
367	Localized Controlled Release of Kynurenic Acid Encapsulated in Synthetic Polymer Reduces Implantâ€"Induced Dermal Fibrosis. Pharmaceutics, 2022, 14, 1546.	2.0	4
368	Controlling Size and Surface Chemistry of Cationic Nanogels by Inverse Microemulsion ATRP. Macromolecular Chemistry and Physics, 2023, 224, .	1.1	3
369	ROS responsive nanoparticles loaded with lipid-specific AlEgen for atherosclerosis-targeted diagnosis and bifunctional therapy. Biomaterials, 2022, 288, 121734.	5.7	19
370	Development of alginate-spermidine micro/nanogels as potential antioxidant and anti-inflammatory tool in peripheral nerve injuries. Formulation studies and physico-chemical characterization. International Journal of Pharmaceutics, 2022, 626, 122168.	2.6	7
371	Tuning the Mechanical Properties of Colloid Particles for Drug Delivery. Acta Chimica Sinica, 2022, 80, 1010.	0.5	0
372	Messenger RNA Therapeutics: Start of a New Era in Medicine. RNA Technologies, 2022, , 41-71.	0.2	0
373	Organic–Inorganic NanoHybrids in Tissue Engineering and Drug Delivery Applications. Materials Horizons, 2022, , 133-150.	0.3	0
374	Cross-Linked Polymeric Gels and Nanocomposites: New Materials and Phenomena Enabling Technological Applications. Macromol, 2022, 2, 440-475.	2.4	8
375	Physically stimulus-responsive nanoparticles for therapy and diagnosis. Frontiers in Chemistry, 0, $10$ , .	1.8	19
376	Theranostic Nanoparticles for Therapy and Imaging in Cancer Detection. , 2022, , 141-177.		0
377	Uniquely sized nanogels <i>via</i> crosslinking polymerization. RSC Advances, 2022, 12, 29423-29432.	1.7	1
378	Gold Nanoparticle-Incorporated Chitosan Nanogels as a Theranostic Nanoplatform for CT Imaging and Tumour Chemotherapy. International Journal of Nanomedicine, 0, Volume 17, 4757-4772.	3.3	4
379	Nano-Based Drug Delivery Systems for Periodontal Tissue Regeneration. Pharmaceutics, 2022, 14, 2250.	2.0	9
380	Multifunctional β-Cyclodextrin–Poly(ethylene glycol)–Cholesterol Nanomicelle for Anticancer Drug Delivery. ACS Applied Bio Materials, 2022, 5, 5418-5431.	2.3	2

#	Article	IF	Citations
381	Cyclodextrin-containing redox-responsive nanogels: Fabrication of a modular targeted drug delivery system. European Polymer Journal, 2022, 181, 111645.	2.6	20
382	Targeting Theranostics of Atherosclerosis by Dualâ€Responsive Nanoplatform via Photoacoustic Imaging and Threeâ€Inâ€One Integrated Lipid Management. Advanced Materials, 2023, 35, .	11.1	10
383	Promoting adsorption performance and mechanical strength in composite porous gel film. International Journal of Biological Macromolecules, 2022, 223, 1115-1125.	3.6	2
384	Development and biological evaluation of pNIPAM-based nanogels as vaccine carriers. International Journal of Pharmaceutics, 2023, 630, 122435.	2.6	6
385	An injectable and self-strengthening nanogel encapsuled hydrogel gene delivery system promotes degenerative nucleus pulposus repair. Composites Part B: Engineering, 2023, 250, 110469.	5.9	15
386	Research Progress of Nanocarriers for the Treatment of Alzheimer's Disease. Current Pharmaceutical Design, 2023, 29, 95-115.	0.9	1
387	Different Curcumin-Loaded Delivery Systems for Wound Healing Applications: A Comprehensive Review. Pharmaceutics, 2023, 15, 38.	2.0	11
388	Strategic nanocarriers to control neurodegenerative disorders: Concept, challenges, and future perspective. International Journal of Pharmaceutics, 2023, 633, 122614.	2.6	2
389	Effect of Surface Cleaning Process on the Wafer Bonding of Silicon and Pyrex Glass. Journal of Inorganic and Organometallic Polymers and Materials, 2023, 33, 673-679.	1.9	2
390	Synthesis and Characterization of Innovative Microgels Based on Polyacrylic Acid and Microalgae Cell Wall and Their Potential as Antigen Delivery Vehicles. Pharmaceutics, 2023, 15, 133.	2.0	3
391	Application of polymer nanocomposites in biomedicine. , 2023, , 413-433.		1
392	Self-assembled polymer nanocomposites in biomedical applications., 2023,, 343-361.		0
393	Polymeric Nanogel for Oral Delivery of the Chemotherapeutic Agent: Fabrication and Evaluation Alongside Toxicological Studies and Histopathological Examination. AAPS PharmSciTech, 2023, 24, .	1.5	0
394	Theoretical Sensing Performance for Detection of Cyclophosphamide Drug by Using Aluminum Carbide (C3Al) Monolayer: a DFT Study. Applied Biochemistry and Biotechnology, 0, , .	1.4	0
395	Polymeric Nanocomposite Hydrogel Scaffolds in Craniofacial Bone Regeneration: A Comprehensive Review. Biomolecules, 2023, 13, 205.	1.8	5
396	Protein-Nanoparticle Interactions Govern the Interfacial Behavior of Polymeric Nanogels: Study of Protein Corona Formation at the Air/Water Interface. International Journal of Molecular Sciences, 2023, 24, 2810.	1.8	5
397	Diverse Methods to Nanomanufacture Colloidal Dispersions of Polyaniline without Templates. Nanomanufacturing, 2023, 3, 57-90.	1.8	1
398	Photodynamic therapy: Innovative approaches for antibacterial and anticancer treatments. Medicinal Research Reviews, 2023, 43, 717-774.	5.0	32

#	Article	IF	CITATIONS
399	Cyclophosphamide drug sensing characteristics by using pure and Ti-doped graphyne-like BN-yne. Inorganic Chemistry Communication, 2023, 150, 110535.	1.8	0
400	Cucurbit[7]uril-Based Supramolecular DNA Nanogel for Targeted Codelivery of Chemo/Photodynamic Drugs. ACS Macro Letters, 2023, 12, 295-301.	2.3	8
401	Theoretical Derivation of the Effect of Bonding Current on the Bonding Interface during Anodic Bonding of PEG-Based Encapsulation Materials and Aluminum. Polymers, 2023, 15, 913.	2.0	0
402	Development of stimuli-responsive nanogels as drug carriers and their biomedical application in 3D printing. Materials Today Chemistry, 2023, 29, 101372.	1.7	6
403	Thermal transport across flat and curved gold–water interfaces: Assessing the effects of the interfacial modeling parameters. Journal of Chemical Physics, 2023, 158, .	1.2	4
404	Hydrogen Bonding Enables Polymer Hydrogels with pHâ€Induced Reversible Dynamic Responsive Behaviors. Angewandte Chemie - International Edition, 2023, 62, .	7.2	5
405	Hydrogen Bonding Enables Polymer Hydrogels with pHâ€Induced Reversible Dynamic Responsive Behaviors. Angewandte Chemie, 0, , .	1.6	0
406	Advances in Halloysite Nanotubes (HNTs)â€Based Mixedâ€Matrix Membranes for CO <sub>2</sub> Capture. ChemBioEng Reviews, 2023, 10, 480-490.	2.6	1
407	A Universal Nanogelâ€Based Coating Approach for Medical Implant Materials. Advanced NanoBiomed Research, 2023, 3, .	1.7	1
412	Thermoresponsive nanocomposite hydrogels: tunable systems for localized cancer theranostics. , 2023, , 453-477.		0
413	Decoding the Nano-bio effects on the cellular expressions in plants. , 2023, , 57-93.		0
432	Overview of the Current Nano-Materials, Synthesis, Properties and Characterization. , 2024, , 1-30.		0
439	An updated landscape on nanotechnology-based drug delivery, immunotherapy, vaccinations, imaging, and biomarker detections for cancers: recent trends and future directions with clinical success., 2023, 18, .		0
442	Functionalized magnetic nanogels for diagnostic tools and devices. , 2024, , 671-697.		0
443	Gelation and fabrication of bioresorbable-based hydrogels for drug-release applications. , 2024, , 147-168.		0
449	Pulsed Laser-Mediated Phototherapeutic Mechanisms for Biomedical Applications. Advanced Structured Materials, 2024, , 369-388.	0.3	0