

Xiqun Jiang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

9,195
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57
h-index

88
g-index

213
ext. papers

10,280
ext. citations

8.2
avg, IF

6.28
L-index

#	Paper	IF	Citations
204	Synthesis and characterization of chitosan-poly(acrylic acid) nanoparticles. <i>Biomaterials</i> , 2002 , 23, 3193-2016	20.16	418
203	Core-Shell MnSe@Bi ₂ Se ₃ Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. <i>Advanced Materials</i> , 2015 , 27, 6110-7	24	289
202	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
201	Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. <i>Nature Communications</i> , 2015 , 6, 5834	17.4	251
200	Thermo and pH Dual-Responsive Nanoparticles for Anti-Cancer Drug Delivery. <i>Advanced Materials</i> , 2007 , 19, 2988-2992	24	238
199	Preparation and drug release behaviors of nimodipine-loaded poly(caprolactone)-poly(ethylene oxide)-polylactide amphiphilic copolymer nanoparticles. <i>Biomaterials</i> , 2003 , 24, 2395-404	15.6	235
198	Covalently combining carbon nanotubes with anticancer agent: preparation and antitumor activity. <i>ACS Nano</i> , 2009 , 3, 2740-50	16.7	210
197	Doxorubicin delivery to 3D multicellular spheroids and tumors based on boronic acid-rich chitosan nanoparticles. <i>Biomaterials</i> , 2013 , 34, 4667-79	15.6	176
196	Near-IR-triggered photothermal/photodynamic dual-modality therapy system via chitosan hybrid nanospheres. <i>Biomaterials</i> , 2013 , 34, 8314-22	15.6	172
195	Preparation, characterization, and drug release behaviors of drug nimodipine-loaded poly(epsilon-caprolactone)-poly(ethylene oxide)-poly(epsilon-caprolactone) amphiphilic triblock copolymer micelles. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 1463-73	3.9	165
194	Multifunctional nanocarriers for cell imaging, drug delivery, and near-IR photothermal therapy. <i>Langmuir</i> , 2010 , 26, 5428-34	4	162
193	Camptothecin derivative-loaded poly(caprolactone-co-lactide)-b-PEG-b-poly(caprolactone-co-lactide) nanoparticles and their biodistribution in mice. <i>Journal of Controlled Release</i> , 2004 , 96, 135-48	11.7	159
192	Resveratrol-loaded polymeric micelles protect cells from Abeta-induced oxidative stress. <i>International Journal of Pharmaceutics</i> , 2009 , 375, 89-96	6.5	147
191	Core-Template-Free Strategy for Preparing Hollow Nanospheres. <i>Advanced Materials</i> , 2004 , 16, 933-937	24	141
190	Hyaluronic acid nanogels with enzyme-sensitive cross-linking group for drug delivery. <i>Journal of Controlled Release</i> , 2015 , 205, 206-17	11.7	139
189	Paclitaxel-loaded poly(N-vinylpyrrolidone)-b-poly(epsilon-caprolactone) nanoparticles: preparation and antitumor activity in vivo. <i>Journal of Controlled Release</i> , 2010 , 142, 438-46	11.7	139
188	10-Hydroxycamptothecin loaded nanoparticles: preparation and antitumor activity in mice. <i>Journal of Controlled Release</i> , 2007 , 119, 153-62	11.7	130

187	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. <i>Nature Biomedical Engineering</i> , 2017 , 1,	19	119
186	Degradation behavior of poly(epsilon-caprolactone)-b-poly(ethylene glycol)-b-poly(epsilon-caprolactone) micelles in aqueous solution. <i>Biomacromolecules</i> , 2004 , 5, 1756-62	6.9	118
185	Hollow chitosan/poly(acrylic acid) nanospheres as drug carriers. <i>Biomacromolecules</i> , 2007 , 8, 1069-76	6.9	112
184	Cellular uptake, antitumor response and tumor penetration of cisplatin-loaded milk protein nanoparticles. <i>Biomaterials</i> , 2013 , 34, 1372-82	15.6	106
183	The antitumor effect of novel docetaxel-loaded thermosensitive micelles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 527-34	5.7	106
182	Superior antitumor efficiency of cisplatin-loaded nanoparticles by intratumoral delivery with decreased tumor metabolism rate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 70, 726-34	5.7	106
181	Tracking Cancer Metastasis In Vivo by Using an Iridium-Based Hypoxia-Activated Optical Oxygen Nanosensor. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8094-9	16.4	103
180	The effect of hydrophilic chain length and iRGD on drug delivery from poly(E-caprolactone)-poly(N-vinylpyrrolidone) nanoparticles. <i>Biomaterials</i> , 2011 , 32, 9525-35	15.6	101
179	Targeted delivery of miR-200c/DOC to inhibit cancer stem cells and cancer cells by the gelatinases-stimuli nanoparticles. <i>Biomaterials</i> , 2013 , 34, 7191-203	15.6	98
178	Polymer-monomer pairs as a reaction system for the synthesis of magnetic Fe ₃ O ₄ -polymer hybrid hollow nanospheres. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6369-72	16.4	93
177	Conjugated polyelectrolyte-cisplatin complex nanoparticles for simultaneous in vivo imaging and drug tracking. <i>Nanoscale</i> , 2011 , 3, 1997-2002	7.7	92
176	Nanospheres-incorporated implantable hydrogel as a trans-tissue drug delivery system. <i>ACS Nano</i> , 2011 , 5, 2520-34	16.7	92
175	Synthesis and magnetic properties of biocompatible hybrid hollow spheres. <i>Biomacromolecules</i> , 2006 , 7, 1766-72	6.9	88
174	Bioreducible heparin-based nanogel drug delivery system. <i>Biomaterials</i> , 2015 , 39, 260-8	15.6	83
173	Oligo(ethylene glycol)-based thermosensitive dendrimers and their tumor accumulation and penetration. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3145-55	16.4	80
172	Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. <i>Biomaterials</i> , 2014 , 35, 6439-53	15.6	80
171	Preparation and evaluation of PEG-PCL nanoparticles for local tetradrine delivery. <i>International Journal of Pharmaceutics</i> , 2009 , 379, 158-66	6.5	77
170	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. <i>Theranostics</i> , 2016 , 6, 1378-92	21.1	77

169	Facile preparation of paclitaxel loaded silk fibroin nanoparticles for enhanced antitumor efficacy by locoregional drug delivery. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 12638-45	9.5	75
168	Combined near-IR photothermal therapy and chemotherapy using gold-nanorod/chitosan hybrid nanospheres to enhance the antitumor effect. <i>Biomaterials Science</i> , 2013 , 1, 285-293	7.4	74
167	Paclitaxel/tetrandrine coloaded nanoparticles effectively promote the apoptosis of gastric cancer cells based on "oxidation therapy". <i>Molecular Pharmaceutics</i> , 2012 , 9, 222-9	5.6	73
166	Synthesis of hydroxypropylcellulose-poly(acrylic acid) particles with semi-interpenetrating polymer network structure. <i>Biomacromolecules</i> , 2008 , 9, 2609-14	6.9	73
165	Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. <i>Biomacromolecules</i> , 2018 , 19, 1732-1745	6.9	71
164	Enhanced antitumor efficacy, biodistribution and penetration of docetaxel-loaded biodegradable nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012 , 430, 350-8	6.5	71
163	Synthesis of paclitaxel-conjugated β -cyclodextrin polyrotaxane and its antitumor activity. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7272-7	16.4	71
162	Hollow core-porous shell structure poly(acrylic acid) nanogels with a superhigh capacity of drug loading. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 3532-8	9.5	71
161	Novel thermosensitive polymeric micelles for docetaxel delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 81, 847-57	5.4	70
160	Cisplatin-loaded gelatin-poly(acrylic acid) nanoparticles: synthesis, antitumor efficiency in vivo and penetration in tumors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 79, 142-9	5.7	69
159	Synthesis and stimuli-responsive properties of chitosan/poly(acrylic acid) hollow nanospheres. <i>Polymer</i> , 2005 , 46, 12703-12710	3.9	66
158	Polymer/silica hybrid hollow nanospheres with pH-sensitive drug release in physiological and intracellular environments. <i>Chemical Communications</i> , 2009 , 2718-20	5.8	63
157	pH-induced self-assembly and capsules of sodium alginate. <i>Biomacromolecules</i> , 2005 , 6, 2189-96	6.9	63
156	Water-soluble chitosan-quantum dot hybrid nanospheres toward bioimaging and biolabeling. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 995-1002	9.5	62
155	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. <i>Advanced Materials</i> , 2020 , 32, e1904337	24	61
154	Dual-functional alginic acid hybrid nanospheres for cell imaging and drug delivery. <i>Small</i> , 2009 , 5, 709-17	11	61
153	Preparation, characterization, and drug release behaviors of drug-loaded ϵ -caprolactone/L-lactide copolymer nanoparticles. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 874-882	2.9	61
152	Photoacoustic Imaging and Photothermal Therapy of Semiconducting Polymer Nanoparticles: Signal Amplification and Second Near-Infrared Construction. <i>Small</i> , 2021 , 17, e2004723	11	61

151	The combined effects of size and surface chemistry on the accumulation of boronic acid-rich protein nanoparticles in tumors. <i>Biomaterials</i> , 2014 , 35, 866-78	15.6	60
150	Formation of positively charged poly(butyl cyanoacrylate) nanoparticles stabilized with chitosan. <i>Colloid and Polymer Science</i> , 2000 , 278, 285-292	2.4	60
149	Reversible surface switching of nanogel triggered by external stimuli. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7104-7	16.4	59
148	Synthesis and drug delivery of novel amphiphilic block copolymers containing hydrophobic dehydroabiatic moiety. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2324-2332	7.3	58
147	HS-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. <i>Nature Communications</i> , 2020 , 11, 446	17.4	54
146	In situ formation of chitosan-gold hybrid hydrogel and its application for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 97, 132-7	6	52
145	Application of nanomaterials in cancer immunotherapy. <i>Materials Today Chemistry</i> , 2018 , 7, 53-64	6.2	51
144	Delivery of doxorubicin in vitro and in vivo using bio-reductive cellulose nanogels. <i>Biomaterials Science</i> , 2014 , 2, 220-232	7.4	51
143	Degradation and degradation-induced re-assembly of PVP-PCL micelles. <i>Biomacromolecules</i> , 2010 , 11, 481-8	6.9	51
142	Tumor accumulation, penetration, and antitumor response of cisplatin-loaded gelatin/poly(acrylic acid) nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1838-46	9.5	48
141	Direct facile approach to the fabrication of chitosan-gold hybrid nanospheres. <i>Langmuir</i> , 2008 , 24, 3459-64	4.4	47
140	Effect of Chain End Chemistry on Surface Molecular Motion of Polystyrene Films. <i>Macromolecules</i> , 1998 , 31, 5148-9	5.5	45
139	Stimuli-responsive cyclodextrin-based nanoplatforms for cancer treatment and theranostics. <i>Materials Horizons</i> , 2019 , 6, 846-870	14.4	44
138	Entering and Lighting Up Nuclei Using Hollow Chitosan-Gold Hybrid Nanospheres. <i>Advanced Materials</i> , 2009 , 21, 3639-3643	24	44
137	Light-Activated Hypoxia-Sensitive Covalent Organic Framework for Tandem-Responsive Drug Delivery. <i>Nano Letters</i> , 2021 , 21, 3218-3224	11.5	43
136	Alginate nanoparticles prepared through counterion complexation method as a drug delivery system. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5325-32	9.5	41
135	Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. <i>Journal of Controlled Release</i> , 2016 , 237, 115-24	11.7	40
134	Preparation, drug release and cellular uptake of doxorubicin-loaded dextran-b-poly(ϵ -caprolactone) nanoparticles. <i>Carbohydrate Polymers</i> , 2013 , 93, 430-7	10.3	40

133	Synthesis of alginic acid-poly[2-(diethylamino)ethyl methacrylate] monodispersed nanoparticles by a polymer-monomer pair reaction system. <i>Biomacromolecules</i> , 2007 , 8, 843-50	6.9	40
132	Size- and pathotropism-driven targeting and washout-resistant effects of boronic acid-rich protein nanoparticles for liver cancer regression. <i>Journal of Controlled Release</i> , 2013 , 168, 1-9	11.7	39
131	Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly(ϵ -caprolactone) nanoparticles. <i>International Journal of Nanomedicine</i> , 2012 , 7, 281-95	7.3	38
130	Redox Responsive Hyaluronic Acid Nanogels for Treating RHAMM (CD168) Over-expressive Cancer, both Primary and Metastatic Tumors. <i>Theranostics</i> , 2017 , 7, 1719-1734	12.1	37
129	A facile strategy for constructing boron-rich polymer nanoparticles via a boronic acid-related reaction. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 534-9	4.8	36
128	Cell-penetrating hollow spheres based on milk protein. <i>Chemical Communications</i> , 2010 , 46, 7566-8	5.8	35
127	Anomalous magnetic properties in Co ₃ O ₄ nanoparticles covered with polymer decomposition residues. <i>Journal of Applied Physics</i> , 2004 , 95, 7420-7422	2.5	35
126	Doxorubicin-loaded poly(butylcyanoacrylate) nanoparticles produced by emulsifier-free emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 517-526	2.9	34
125	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. <i>Nature Communications</i> , 2019 , 10, 3051	17.4	33
124	Non-enzymatic and enzymatic degradation of poly(ethylene glycol)-b-poly(ϵ -caprolactone) diblock copolymer micelles in aqueous solution. <i>Polymer</i> , 2008 , 49, 5513-5519	3.9	33
123	The development of phosphorescent probes for and bioimaging. <i>Biomaterials Science</i> , 2021 , 9, 285-300	7.4	33
122	Platinum-Incorporating Poly(N-vinylpyrrolidone)-poly(aspartic acid) Pseudoblock Copolymer Nanoparticles for Drug Delivery. <i>Biomacromolecules</i> , 2015 , 16, 2059-71	6.9	32
121	Intelligently targeted drug delivery and enhanced antitumor effect by gelatinase-responsive nanoparticles. <i>PLoS ONE</i> , 2013 , 8, e69643	3.7	32
120	Entrapping multifunctional dendritic nanoparticles into a hydrogel for local therapeutic delivery and synergetic immunochemotherapy. <i>Nano Research</i> , 2018 , 11, 6062-6073	10	32
119	Supramolecular Amphiphilic Polymer-Based Micelles with Seven-Armed Polyoxazoline Coating for Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5768-5777	9.5	31
118	Fluorescent micelles based on star amphiphilic copolymer with a porphyrin core for bioimaging and drug delivery. <i>Macromolecular Bioscience</i> , 2012 , 12, 83-92	5.5	31
117	Near-Infrared Emitting Gold Cluster-Poly(acrylic acid) Hybrid Nanogels. <i>ACS Macro Letters</i> , 2014 , 3, 74-76	6.6	30
116	Synthesis and antitumoral activity of gelatin/polyoxometalate hybrid nanoparticles. <i>Macromolecular Bioscience</i> , 2011 , 11, 839-47	5.5	30

115	Synthesis and biological evaluation of bis and monocarbonate prodrugs of 10-hydroxycamptothecins. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 4003-8	3.4	30
114	Surface-potential-regulated transmembrane and cytotoxicity of chitosan/gold hybrid nanospheres. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1456-65	9.5	29
113	Ultra-high relaxivity iron oxide nanoparticles confined in polymer nanospheres for tumor MR imaging. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5702-5710	7.3	28
112	Drug-loaded pseudo-block copolymer micelles with a multi-armed star polymer as the micellar exterior. <i>Nanoscale</i> , 2015 , 7, 12572-80	7.7	27
111	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. <i>Biomaterials Science</i> , 2016 , 4, 1351-60	7.4	27
110	Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. <i>Nanomedicine</i> , 2015 , 10, 1149-63	5.6	26
109	Construction of a biomimetic zwitterionic interface for monitoring cell proliferation and apoptosis. <i>Langmuir</i> , 2005 , 21, 8394-9	4	26
108	Microstructure formation and property of chitosan-poly(acrylic acid) nanoparticles prepared by macromolecular complex. <i>Macromolecular Bioscience</i> , 2005 , 5, 993-1000	5.5	26
107	Mitochondrion-specific dendritic lipopeptide liposomes for targeted sub-cellular delivery. <i>Nature Communications</i> , 2021 , 12, 2390	17.4	26
106	Hybrid nanoparticle composites applied to photodynamic therapy: strategies and applications. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4726-4737	7.3	25
105	Cellular entry fashion of hollow milk protein spheres. <i>Soft Matter</i> , 2011 , 7, 11526	3.6	25
104	Bypassing the Immunosuppression of Myeloid-Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Platelet-Inspired Platform. <i>Advanced Functional Materials</i> , 2020 , 30, 2000189	15.6	24
103	Comparative studies of salinomycin-loaded nanoparticles prepared by nanoprecipitation and single emulsion method. <i>Nanoscale Research Letters</i> , 2014 , 9, 351	5	24
102	Hollow chitosan-silica nanospheres for doxorubicin delivery to cancer cells with enhanced antitumor effect in vivo. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3147		24
101	Ferroelectric Polymer Nanotubes with Large Dielectric Constants for Potential All-Organic Electronic Devices. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 724-728	4.8	24
100	Effect of chain end group on surface glass transition temperature of thin polymer film. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001 , 281, 363-367	2.3	24
99	Multifold enhanced T2 relaxation of ZnFe2O4 nanoparticles by jamming them inside chitosan nanospheres. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5684		23
98	Synthesis of Cyclodextrin modified chitosan-poly(acrylic acid) nanoparticles and use as drug carriers. <i>Carbohydrate Polymers</i> , 2012 , 90, 361-9	10.3	23

97	Responsive boron biomaterials and their biomedical applications. <i>Science China Chemistry</i> , 2020 , 63, 648-664	23
96	Second Near-Infrared Aggregation-Induced Emission Fluorophores with Phenothiazine Derivatives as the Donor and 6,7-Diphenyl-[1,2,5]Thiadiazolo[3,4-g]Quinoxaline as the Acceptor for In Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20281-20286	9.5 21
95	Targeting and microenvironment-improving of phenylboronic acid-decorated soy protein nanoparticles with different sizes to tumor. <i>Theranostics</i> , 2019 , 9, 7417-7430	12.1 21
94	Nitroxide-mediated radical polymerization of 4-vinylpyridine and its application on modification of silicon substrate. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 2687-2692	2.9 21
93	Shape Effects of Cylindrical versus Spherical Unimolecular Polymer Nanomaterials on in Vitro and in Vivo Behaviors. <i>Research</i> , 2019 , 2019, 2391486	7.8 21
92	Tumor Microenvironment-Regulated and Reported Nanoparticles for Overcoming the Self-Confinement of Multiple Photodynamic Therapy. <i>Nano Letters</i> , 2020 , 20, 6526-6534	11.5 21
91	Enhancement of radiotherapy efficacy by miR-200c-loaded gelatinase-stimuli PEG-Pep-PCL nanoparticles in gastric cancer cells. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2345-58	7.3 20
90	Synthesis and luminescence of CePO ₄ and CePO ₄ :Tb hollow and core-shell microspheres composed of single-crystal nanorods. <i>Nanotechnology</i> , 2007 , 18, 415602	3.4 19
89	A tumor-penetrating recombinant protein anti-EGFR-iRGD enhance efficacy of paclitaxel in 3D multicellular spheroids and gastric cancer in vivo. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 77, 60-72	5.1 18
88	Magnetic anisotropy in carbon encapsulated Co/CoO thin films with large exchange bias. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003 , 307, 69-75	2.3 18
87	Improving Quantum Yield of a NIR-II Dye by Phenylazo Group. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901470	10.1 17
86	Reversion of pH-induced physiological drug resistance: a novel function of copolymeric nanoparticles. <i>PLoS ONE</i> , 2011 , 6, e24172	3.7 17
85	Chitosan surface-modified hydroxycamptothecin loaded nanoparticles with enhanced transport across Caco-2 cell monolayer. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 2912-20	1.3 17
84	Synthesis and characterization of novel soluble alternating copoly(phenylene vinylene) derivative for light-emitting electrochemical cell. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 1350-1356	2.9 17
83	Antibody and antibody fragments for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2020 , 328, 395-406	11.7 17
82	Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with a comb-shaped polymer as a micellar exterior. <i>Polymer Chemistry</i> , 2017 , 8, 6886-6894	4.9 16
81	Synthesis and Self-Assembly of a Nanoscaled Multiarm Polymer Terminated by β -Cyclodextrin. <i>ACS Macro Letters</i> , 2013 , 2, 82-85	6.6 16
80	Surface Functionalization of Polyethylene for Magnetic Resonance Signal-Enhancing Coating Materials. <i>Chemistry of Materials</i> , 2002 , 14, 1914-1920	9.6 16

79	Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. <i>Science China Materials</i> , 2018 , 61, 1404-1419	7.1	15
78	Synthesis of β -Cyclodextrin-[60]fullerene Conjugate and Its DNA Cleavage Performance. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 78-84	4.9	15
77	In vitro and in vivo antitumor activity of doxorubicin-loaded alginic-acid-based nanoparticles. <i>Macromolecular Bioscience</i> , 2012 , 12, 1326-35	5.5	15
76	Carbamoylmannose enhances the tumor targeting ability of supramolecular nanoparticles formed through host-guest complexation of a pair of homopolymers. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 834-848	7.3	14
75	Tracking Cancer Metastasis In Vivo by Using an Iridium-Based Hypoxia-Activated Optical Oxygen Nanosensor. <i>Angewandte Chemie</i> , 2015 , 127, 8212-8217	3.6	14
74	Fabrication and Characterization of Gd-DTPA-Loaded Chitosan-Poly(Acrylic Acid) Nanoparticles for Magnetic Resonance Imaging. <i>Macromolecular Bioscience</i> , 2015 , 15, 1105-14	5.5	13
73	Microemulsion polymerization of siloxane with nonionic surfactants as emulsifiers. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 3587-3593	2.9	13
72	Phenothiazine versus Phenoxazine: Structural Effects on the Photophysical Properties of NIR-II AIE Fluorophores. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43466-43473	9.5	13
71	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. <i>Polymer Chemistry</i> , 2017 , 8, 2105-2114	4.9	12
70	Smart conjugated polymer nanocarrier for healthy weight loss by negative feedback regulation of lipase activity. <i>Nanoscale</i> , 2016 , 8, 3368-75	7.7	12
69	Synthesis and Biological Properties of Porphyrin-Containing Polymeric Micelles with Different Sizes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5794-803	9.5	12
68	Synthesis of drug-crosslinked polymer nanoparticles. <i>Polymer Chemistry</i> , 2015 , 6, 1703-1713	4.9	12
67	Superior antimetastatic effect of pemetrexed-loaded gelatinase-responsive nanoparticles in a mouse metastasis model. <i>Anti-Cancer Drugs</i> , 2012 , 23, 1078-88	2.4	12
66	Synthesis of hydroxyl-terminated copolymer of styrene and 4-vinylpyridine via nitroxide-mediated living radical polymerization. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 1842-1847	2.9	12
65	Synthesis of cobalt disulfide nanoparticles in polymer matrix. <i>Materials Letters</i> , 2003 , 57, 2606-2611	3.3	12
64	Polymer-based activatable optical probes for tumor fluorescence and photoacoustic imaging. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1593	9.2	12
63	Modification of β -Cyclodextrin Polyrotaxanes by ATRP for Conjugating Drug and Prolonging Blood Circulation. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1963-1968	5.5	11
62	Chemiluminescent nanomicelles for imaging hydrogen peroxide and self-therapy in photodynamic therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 679492		11

61	Effect of chain end group hydrophobicity on surface aggregation structure of poly(styrene-block-4-vinylpyridine) symmetric diblock copolymer films. <i>Polymer</i> , 1998 , 39, 2615-2620	3.9	11
60	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , 2022 , 1-66	7.9	11
59	Synthesis and biological properties of water-soluble polyphenylthiophene brushes with poly(ethylene glycol)/polyzwitterion side chains. <i>Polymer Chemistry</i> , 2017 , 8, 1672-1679	4.9	10
58	Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. <i>Biomaterials Science</i> , 2019 , 7, 2552-2558	7.4	10
57	Effects of Methyl jasmonate with indole-3-acetic acid and 6-benzylaminopurine on the secondary metabolism of cultured <i>Onosma paniculatum</i> cells. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004 , 40, 581-585	2.3	10
56	Synthesis, characterization, and electro-optical properties of a soluble conjugated polymer containing an oxadiazole unit in the main chain. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 2618-2623	2.9	10
55	Synthesis of Paclitaxel-Conjugated β -Cyclodextrin Polyrotaxane and Its Antitumor Activity. <i>Angewandte Chemie</i> , 2013 , 125, 7413-7418	3.6	9
54	Nonspherical polysaccharide vesicles and their shape and volume regulation via osmotically sensitive channels. <i>Soft Matter</i> , 2011 , 7, 5519	3.6	9
53	Comparison of Gd [DTPA-bis (2-aminoethoxy) ethane] polymeric contrast agent with gadodiamide injection for interstitial MR lymphography: experimental study with rabbits. <i>Journal of Magnetic Resonance Imaging</i> , 2005 , 22, 361-7	5.6	9
52	Target-Amplified Drug Delivery of Polymer Micelles Bearing Staudinger Ligation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 32697-32705	9.5	8
51	Spontaneous formation of giant polymer vesicles through a nucleation and growth pathway. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1875-80	4.5	8
50	Relationships between lateral force and viscoelastic properties for amorphous polymer films based on lateral force microscopy. <i>Polymer Bulletin</i> , 1997 , 39, 369-376	2.4	8
49	Physical stability and lyophilization of poly(epsilon-caprolactone)-b-poly(ethyleneglycol)-b-poly(epsilon-caprolactone) micelles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3032-9	1.3	8
48	Polymer-Monomer Pairs as a Reaction System for the Synthesis of Magnetic Fe ₃ O ₄ /Polymer Hybrid Hollow Nanospheres. <i>Angewandte Chemie</i> , 2004 , 116, 6529-6532	3.6	8
47	NIR-II Dye-Labeled Cylindrical Polymer Brushes for in Vivo Imaging. <i>ACS Macro Letters</i> , 2019 , 8, 1623-1628	6.6	8
46	Synthesis, cellular uptake, and biodistribution of whey-rich nanoparticles. <i>Macromolecular Bioscience</i> , 2014 , 14, 1149-59	5.5	7
45	Multifusion-induced wall-super-thick giant multilamellar vesicles. <i>Chemical Communications</i> , 2012 , 48, 7079-81	5.8	7
44	Novel Magnetic Resonance Signal Enhancing Coating Material. <i>Advanced Materials</i> , 2001 , 13, 490-493	2.4	7

43	Development of mesoporous silica-based nanoprobe for optical bioimaging applications. <i>Biomaterials Science</i> , 2021 , 9, 3603-3620	7.4	7
42	Cisplatin-Rich Polyoxazoline-Poly(aspartic acid) Supramolecular Nanoparticles. <i>Macromolecular Bioscience</i> , 2017 , 17, 1700206	5.5	6
41	Dendritic phospholipid-based drug delivery systems. <i>Biomaterials Science</i> , 2018 , 6, 774-778	7.4	6
40	Galactosylated poly[(2-hydroxyethyl)-L-aspartamide]-bound doxorubicin: improved antitumor activity against hepatocellular carcinoma with reduced hepatotoxicity. <i>Anti-Cancer Drugs</i> , 2011 , 22, 136-144	2.4	6
39	Lipophilic carbon nanotubes and their phase-separation in SBS. <i>Polymer Testing</i> , 2011 , 30, 260-270	4.5	6
38	Enhancing Penetration Ability of Semiconducting Polymer Nanoparticles for Sonodynamic Therapy of Large Solid Tumor.. <i>Advanced Science</i> , 2022 , e2104125	13.6	6
37	Length effects of cylindrical polymer brushes on their in vitro and in vivo properties. <i>Biomaterials Science</i> , 2019 , 7, 5124-5131	7.4	6
36	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. <i>Biomaterials Science</i> , 2021 , 9, 1363-1373	7.4	6
35	Preparation of Gd ³⁺ -containing polymer complex as a novel magnetic resonance signal-enhancing coating material. <i>Journal of Materials Science: Materials in Medicine</i> , 2003 , 14, 283-6	4.5	5
34	Preparation of polydimethylsiloxane nanolatices by emulsion polymerization in a water/ethanol system. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 347-352	2.9	5
33	Synthesis of novel gelatin/poly(acrylic acid) nanorods via the self-assembly of nanospheres. <i>Science China Chemistry</i> , 2011 , 54, 392-396	7.9	4
32	Synthesis of two-end-functionalized copolymer of styrene and methyl methacrylate via living radical polymerization. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 3118-3122	2.9	4
31	Polymeric gadolinium chelate-containing magnetic resonance signal-enhancing coating materials: Synthesis, characterization, and properties. <i>Journal of Applied Polymer Science</i> , 2003 , 87, 1358-1364	2.9	4
30	End-grafting copolymers of styrene and 4-vinylpyridine on an interacting solid surface. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 1332-1343	2.6	4
29	Modulating Tumor Extracellular Matrix by Simultaneous Inhibition of Two Cancer Cell Receptors.. <i>Advanced Materials</i> , 2021 , e2109376	24	4
28	Phenylboronic Acid Modification Augments the Lysosome Escape and Antitumor Efficacy of a Cylindrical Polymer Brush-Based Prodrug. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	4
27	Facile Optimization and Evaluation of PEG-PCL Block Copolymeric Nanoparticles for Anticancer Drug Delivery Using Copolymer Hybrids and Histoculture Drug Response Assays. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 321-330	4	4
26	The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. <i>Small</i> , 2021 , 17, e2102695	11	4

25	Preparation and antitumor activity of a polymeric derivative of methotrexate. <i>American Journal of the Medical Sciences</i> , 2012 , 344, 294-9	2.2	3
24	Gold encapsulated chitosan-poly(acrylic acid) hybrid hollow nanospheres. <i>Macromolecular Bioscience</i> , 2009 , 9, 1272-80	5.5	3
23	Surface relaxation behavior of proton- and perfluoroalkyl-terminated poly(2-vinylpyridine) films. <i>Polymer</i> , 2001 , 42, 8959-8964	3.9	3
22	The in vitro and in vivo properties of ringlike polymer brushes. <i>Nano Today</i> , 2021 , 41, 101293	17.9	3
21	Facile preparation of a novel mulberry silk fibroin scaffold for three-dimensional tumor cell culture. <i>Materials Letters</i> , 2015 , 143, 8-11	3.3	2
20	Long-Circulating Polymeric Drug Nanocarriers. <i>ACS Symposium Series</i> , 2012 , 27-36	0.4	2
19	Preparation of porous chitosan-poly(acrylic acid)-calcium phosphate hybrid nanoparticles via mineralization. <i>Science Bulletin</i> , 2009 , 54, 3127-3136		2
18	NIR-II Fluorophore with Dithienylethene as an Electron Donor for Fluorescence/Photoacoustic Dual-Model Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54830-54839 ²	9.5	2
17	Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic-Conjugated Molecules. <i>Research</i> , 2019 , 2019, 1953926	7.8	2
16	Emerging Designs of Aggregation-Induced Emission Agents for Enhanced Phototherapy Applications. <i>CCS Chemistry</i> , 2950-2968	7.2	2
15	A practical strategy for constructing nanodrugs using carbon nanotubes as carriers. <i>Methods in Molecular Biology</i> , 2011 , 751, 565-82	1.4	2
14	A Dendron-Based Fluorescence Turn-On Probe for Tumor Detection. <i>Chemistry - A European Journal</i> , 2020 , 26, 13022-13030	4.8	2
13	Self-Assembly of Crystalline Vesicles from Nonplanar EConjugated Nanocycles. <i>CCS Chemistry</i> , 2021 , 3, 1851-1861	7.2	2
12	Biologically active <i>Camellia oleifera</i> protein nanoparticles for improving the tumor microenvironment and drug delivery. <i>Biomaterials Science</i> , 2020 , 8, 3907-3915	7.4	1
11	Polymeric Micelles for Drug Delivery 2016 , 87-97		1
10	Oxygen-Sensing Probes and Bandage for Optical Detection of Inflammation.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 5110-5117	4.1	1
9	Drug Delivery from Protein-Based Nanoparticles 2014 , 149-170		1
8	Polymer-assisted nanoparticulate contrast-enhancing materials. <i>Science China Chemistry</i> , 2010 , 53, 479-486	4.8	1

7	Controlled free radical polymerization of styrene initiated from the alkoxyamine-functionalized silicon surface. <i>Science in China Series B: Chemistry</i> , 2005 , 48, 449		1
6	Chain End Group-Induced Surface Ordering in Poly(styrene- <i>b</i> -4-vinylpyridine) Symmetric Diblock Copolymer Films. <i>Polymer Journal</i> , 1999 , 31, 1015-1020	2.7	1
5	An Orthogonal Protection Strategy for Synthesizing Scaffold-Modifiable Dendrons and Their Application in Drug Delivery.. <i>ACS Central Science</i> , 2022 , 8, 258-267	16.8	1
4	Interfacial Characteristics of Amorphous Polystyrene and Binary Polymer Blend Thin Films Based on Scanning Force Microscopy 1997 , 63-72		1
3	Cascade Downregulation of HER Family by a Dual-Targeted Recombinant Protein-Drug Conjugate to Inhibit Tumor Growth and Metastasis.. <i>Advanced Materials</i> , 2022 , e2201558	24	1
2	Inside Cover: Spontaneous Formation of Giant Polymer Vesicles through a Nucleation and Growth Pathway (Chem. Asian J. 8/2012). <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1726-1726	4.5	
1	Effect of hydrophilically functionalized carbon nanotubes on the reinforcement of water-borne epoxy resin. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 5169-78	1.3	