Xiqun Jiang

List of Publications by Year
in descending order

206 papers	11,482 citations	18436 62 h-index	34900 98 g-index
213 all docs	213 docs citations	213 times ranked	14084 citing authors

#	Article	IF	Citations
1	Synthesis and characterization of chitosanâ€“poly(acrylic acid) nanoparticles. Biomaterials, 2002, 23, 3193-3201.	5.7	464
2	Precise nanomedicine for intelligent therapy of cancer. Science China Chemistry, 2018, 61, 1503-1552.	4.2	336
3	Coreâ€“Shell MnSe@Bi₂Se₃ Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. Advanced Materials, 2015, 27, 6110-6117.	11.1	330
4	Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. Nature Communications, 2015, 6, 5834.	5.8	308
5	Thermo and pH Dualâ€Responsive Nanoparticles for Antiâ€Cancer Drug Delivery. Advanced Materials, 2007, 19, 2988-2992.	11.1	254
6	Preparation and drug release behaviors of nimodipine-loaded poly(caprolactone)â€“poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.7	250
7	Covalently Combining Carbon Nanotubes with Anticancer Agent: Preparation and Antitumor Activity. ACS Nano, 2009, 3, 2740-2750.	7.3	243
8	Near-IR-triggered photothermal/photodynamic dual-modality therapy system via chitosan hybrid nanospheres. Biomaterials, 2013, 34, 8314-8322.	5.7	195
9	Doxorubicin delivery to 3D multicellular spheroids and tumors based on boronic acid-rich chitosan nanoparticles. Biomaterials, 2013, 34, 4667-4679.	5.7	195
10	Preparation, characterization, and drug release behaviors of drug nimodipineâ€loaded poly(Îµâ€caprolactone)â€poly(ethylene oxide)â€poly(Îµâ€caprolactone) amphiphilic triblock copolymer micelles. Journal of Pharmaceutical Sciences, 2002, 91, 1463-1473.	1.6	183
11	Multifunctional Nanocarriers for Cell Imaging, Drug Delivery, and Near-IR Photothermal Therapy. Langmuir, 2010, 26, 5428-5434.	1.6	174
12	Resveratrol-loaded polymeric micelles protect cells from Aβ-induced oxidative stress. International Journal of Pharmaceutics, 2009, 375, 89-96.	2.6	173
13	Camptothecin derivative-loaded poly(caprolactone-co-lactide)-b-PEG-b-poly(caprolactone-co-lactide) nanoparticles and their biodistribution in mice. Journal of Controlled Release, 2004, 96, 135-148.	4.8	170
14	Hyaluronic acid nanogels with enzyme-sensitive cross-linking group for drug delivery. Journal of Controlled Release, 2015, 205, 206-217.	4.8	170
15	Photoacoustic Imaging and Photothermal Therapy of Semiconducting Polymer Nanoparticles: Signal Amplification and Second Nearâ€Infrared Construction. Small, 2021, 17, e2004723.	5.2	168
16	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. Nature Biomedical Engineering, 2017, 1, .	11.6	167
17	Core-Template-Free Strategy for Preparing Hollow Nanospheres. Advanced Materials, 2004, 16, 933-937.	11.1	151
18	Paclitaxel-loaded poly(N-vinylpyrrolidone)-b-poly(Îµ-caprolactone) nanoparticles: Preparation and antitumor activity in vivo. Journal of Controlled Release, 2010, 142, 438-446.	4.8	150

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19	Light-Activated Hypoxia-Sensitive Covalent Organic Framework for Tandem-Responsive Drug Delivery. Nano Letters, 2021, 21, 3218-3224.	4.5	148
20	H2S-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. Nature Communications, 2020, 11, 446.	5.8	141
21	10-Hydroxycamptothecin loaded nanoparticles: Preparation and antitumor activity in mice. Journal of Controlled Release, 2007, 119, 153-162.	4.8	136
22	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. Advanced Materials, 2020, 32, e1904337.	11.1	130
23	Degradation Behavior of Poly(Îµ-caprolactone)-b-poly(ethylene glycol)-b-poly(Îµ-caprolactone) Micelles in Aqueous Solution. Biomacromolecules, 2004, 5, 1756-1762.	2.6	125
24	Cellular uptake, antitumor response and tumor penetration of cisplatin-loaded milk protein nanoparticles. Biomaterials, 2013, 34, 1372-1382.	5.7	123
25	Hollow Chitosan/Poly(acrylic acid) Nanospheres as Drug Carriers. Biomacromolecules, 2007, 8, 1069-1076.	2.6	122
26	Tracking Cancer Metastasis Inâ€…Vivo by Using an Iridiumâ€Based Hypoxiaâ€Activated Optical Oxygen Nanosensor. Angewandte Chemie - International Edition, 2015, 54, 8094-8099.	7.2	121
27	Superior antitumor efficiency of cisplatin-loaded nanoparticles by intratumoral delivery with decreased tumor metabolism rate. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 726-734.	2.0	115
28	The antitumor effect of novel docetaxel-loaded thermosensitive micelles. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 527-534.	2.0	111
29	The effect of hydrophilic chain length and iRGD on drug delivery from poly(Îµ-caprolactone)-poly(N-vinylpyrrolidone) nanoparticles. Biomaterials, 2011, 32, 9525-9535.	5.7	110
30	Targeted delivery of miR-200c/DOC to inhibit cancer stem cells and cancer cells by the gelatinases-stimuli nanoparticles. Biomaterials, 2013, 34, 7191-7203.	5.7	110
31	Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. Biomacromolecules, 2018, 19, 1732-1745.	2.6	102
32	Conjugated polyelectrolyteâ€“cisplatin complex nanoparticles for simultaneous in vivo imaging and drug tracking. Nanoscale, 2011, 3, 1997.	2.8	101
33	Mitochondrion-specific dendritic lipopeptide liposomes for targeted sub-cellular delivery. Nature Communications, 2021, 12, 2390.	5.8	101
34	Nanospheres-Incorporated Implantable Hydrogel as a Trans-Tissue Drug Delivery System. ACS Nano, 2011, 5, 2520-2534.	7.3	100
35	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. Theranostics, 2016, 6, 1378-1392.	4.6	98
36	Facile Preparation of Paclitaxel Loaded Silk Fibroin Nanoparticles for Enhanced Antitumor Efficacy by Locoregional Drug Delivery. ACS Applied Materials & Interfaces, 2013, 5, 12638-12645.	4.0	96

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37	Polymer-Monomer Pairs as a Reaction System for the Synthesis of Magnetic Fe3O4-Polymer Hybrid Hollow Nanospheres. Angewandte Chemie - International Edition, 2004, 43, 6369-6372.	7.2	95
38	Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. Biomaterials, 2014, 35, 6439-6453.	5.7	93
39	Bioreducible heparin-based nanogel drug delivery system. Biomaterials, 2015, 39, 260-268.	5.7	93
40	Synthesis and Magnetic Properties of Biocompatible Hybrid Hollow Spheres. Biomacromolecules, 2006, 7, 1766-1772.	2.6	92
41	Paclitaxel/Tetrandrine Coloaded Nanoparticles Effectively Promote the Apoptosis of Gastric Cancer Cells Based on â€œOxidation Therapyâ€• Molecular Pharmaceutics, 2012, 9, 222-229.	2.3	85
42	Biomedical polymers: synthesis, properties, and applications. Science China Chemistry, 2022, 65, 1010-1075.	4.2	85
43	Synthesis of Paclitaxelâ€Conjugated Î²â€Cyclodextrin Polyrotaxane and Its Antitumor Activity. Angewandte Chemie - International Edition, 2013, 52, 7272-7277.	7.2	83
44	Oligo(ethylene glycol)-Based Thermosensitive Dendrimers and Their Tumor Accumulation and Penetration. Journal of the American Chemical Society, 2014, 136, 3145-3155.	6.6	83
45	Preparation and evaluation of PEGâ€“PCL nanoparticles for local tetradrine delivery. International Journal of Pharmaceutics, 2009, 379, 158-166.	2.6	82
46	Hollow Coreâ^'Porous Shell Structure Poly(acrylic acid) Nanogels with a Superhigh Capacity of Drug Loading. ACS Applied Materials & Interfaces, 2010, 2, 3532-3538.	4.0	82
47	Cisplatin-loaded gelatin-poly(acrylic acid) nanoparticles: Synthesis, antitumor efficiency in vivo and penetration in tumors. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 142-149.	2.0	79
48	Combined near-IR photothermal therapy and chemotherapy using gold-nanorod/chitosan hybrid nanospheres to enhance the antitumor effect. Biomaterials Science, 2013, 1, 285-293.	2.6	79
49	Synthesis of Hydroxypropylcellulose-poly(acrylic acid) Particles with Semi-Interpenetrating Polymer Network Structure. Biomacromolecules, 2008, 9, 2609-2614.	2.6	77
50	pH-Induced Self-Assembly and Capsules of Sodium Alginate. Biomacromolecules, 2005, 6, 2189-2196.	2.6	76
51	Novel thermosensitive polymeric micelles for docetaxel delivery. Journal of Biomedical Materials Research - Part A, 2007, 81A, 847-857.	2.1	76
52	The combined effects of size and surface chemistry on the accumulation of boronic acid-rich protein nanoparticles in tumors. Biomaterials, 2014, 35, 866-878.	5.7	75
53	The development of phosphorescent probes forin vitroandin vivobioimaging. Biomaterials Science, 2021, 9, 285-300.	2.6	74
54	Enhanced antitumor efficacy, biodistribution and penetration of docetaxel-loaded biodegradable nanoparticles. International Journal of Pharmaceutics, 2012, 430, 350-358.	2.6	73

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55	Preparation, characterization, and drug release behaviors of drug-loaded ?-caprolactone/L-lactide copolymer nanoparticles. Journal of Applied Polymer Science, 2000, 75, 874-882.	1.3	70
56	Synthesis and stimuli-responsive properties of chitosan/poly(acrylic acid) hollow nanospheres. Polymer, 2005, 46, 12703-12710.	1.8	70
57	Polymer/silica hybrid hollow nanospheres with pH-sensitive drug release in physiological and intracellular environments. Chemical Communications, 2009, , 2718.	2.2	68
58	Enhancing Penetration Ability of Semiconducting Polymer Nanoparticles for Sonodynamic Therapy of Large Solid Tumor. Advanced Science, 2022, 9, e2104125.	5.6	68
59	Water-Soluble Chitosan-Quantum Dot Hybrid Nanospheres toward Bioimaging and Biolabeling. ACS Applied Materials & Interfaces, 2011, 3, 995-1002.	4.0	67
60	Synthesis and drug delivery of novel amphiphilic block copolymers containing hydrophobic dehydroabietic moiety. Journal of Materials Chemistry B, 2013, 1, 2324.	2.9	67
61	Dualâ€Functional Alginic Acid Hybrid Nanospheres for Cell Imaging and Drug Delivery. Small, 2009, 5, 709-717.	5.2	65
62	Application of nanomaterials in cancer immunotherapy. Materials Today Chemistry, 2018, 7, 53-64.	1.7	64
63	Formation of positively charged poly(butyl cyanoacrylate) nanoparticles stabilized with chitosan. Colloid and Polymer Science, 2000, 278, 285-292.	1.0	63
64	Reversible Surface Switching of Nanogel Triggered by External Stimuli. Angewandte Chemie - International Edition, 2007, 46, 7104-7107.	7.2	63
65	Antibody and antibody fragments for cancer immunotherapy. Journal of Controlled Release, 2020, 328, 395-406.	4.8	63
66	Stimuli-responsive cyclodextrin-based nanoplatforms for cancer treatment and theranostics. Materials Horizons, 2019, 6, 846-870.	6.4	61
67	In situ formation of chitosanâ€“gold hybrid hydrogel and its application for drug delivery. Colloids and Surfaces B: Biointerfaces, 2012, 97, 132-137.	2.5	59
68	Delivery of doxorubicin in vitro and in vivo using bio-reductive cellulose nanogels. Biomaterials Science, 2014, 2, 220-232.	2.6	59
69	Degradation and Degradation-Induced Re-Assembly of PVP-PCL Micelles. Biomacromolecules, 2010, 11, 481-488.	2.6	55
70	Bypassing the Immunosuppression of Myeloidâ€Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Plateletâ€Inspired Platform. Advanced Functional Materials, 2020, 30, 2000189.	7.8	54
71	Tumor Accumulation, Penetration, and Antitumor Response of Cisplatin-Loaded Gelatin/Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Over	4.0	53
72	Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. Journal of Controlled Release, 2016, 237, 115-124.	4.8	52

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73	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. Nature Communications, 2019, 10, 3051.	5.8	52
74	Effect of Chain End Chemistry on Surface Molecular Motion of Polystyrene Films. Macromolecules, 1998, 31, 5148-5149.	2.2	48
75	Direct Facile Approach to the Fabrication of Chitosanâ˜Gold Hybrid Nanospheres. Langmuir, 2008, 24, 3459-3464.	1.6	48
76	Hybrid nanoparticle composites applied to photodynamic therapy: strategies and applications. Journal of Materials Chemistry B, 2020, 8, 4726-4737.	2.9	48
77	Alginic Acid Nanoparticles Prepared through Counterion Complexation Method as a Drug Delivery System. ACS Applied Materials & Interfaces, 2012, 4, 5325-5332.	4.0	47
78	Redox Responsive Hyaluronic Acid Nanogels for Treating RHAMM (CD168) Over-expressive Cancer, both Primary and Metastatic Tumors. Theranostics, 2017, 7, 1719-1734.	4.6	47
79	Tumor Microenvironment-Regulated and Reported Nanoparticles for Overcoming the Self-Confinement of Multiple Photodynamic Therapy. Nano Letters, 2020, 20, 6526-6534.	4.5	46
80	Size- and pathotropism-driven targeting and washout-resistant effects of boronic acid-rich protein nanoparticles for liver cancer regression. Journal of Controlled Release, 2013, 168, 1-9.	4.8	45
81	Entrapping multifunctional dendritic nanoparticles into a hydrogel for local therapeutic delivery and synergetic immunochemotherapy. Nano Research, 2018, 11, 6062-6073.	5.8	45
82	Phenylboronic Acid Modification Augments the Lysosome Escape and Antitumor Efficacy of a Cylindrical Polymer Brush-Based Prodrug. Journal of the American Chemical Society, 2021, 143, 20927-20938.	6.6	45
83	Entering and Lighting Up Nuclei Using Hollow Chitosanâ€“Gold Hybrid Nanospheres. Advanced Materials, 2009, 21, 3639-3643.	11.1	44
84	Preparation, drug release and cellular uptake of doxorubicin-loaded dextran-b-poly(É›-caprolactone) nanoparticles. Carbohydrate Polymers, 2013, 93, 430-437.	5.1	43
85	Responsive boron biomaterials and their biomedical applications. Science China Chemistry, 2020, 63, 648-664.	4.2	43
86	Synthesis of Alginic Acidâ˜Poly[2-(diethylamino)ethyl methacrylate] Monodispersed Nanoparticles by a Polymerâ˜Monomer Pair Reaction System. Biomacromolecules, 2007, 8, 843-850.	2.6	42
87	Cell-penetrating hollow spheres based on milk protein. Chemical Communications, 2010, 46, 7566.	2.2	42
88	Synthesis and Antitumoral Activity of Gelatin/Polyoxometalate Hybrid Nanoparticles. Macromolecular Bioscience, 2011, 11, 839-847.	2.1	39
89	Intelligently Targeted Drug Delivery and Enhanced Antitumor Effect by Gelatinase-Responsive Nanoparticles. PLoS ONE, 2013, 8, e69643.	1.1	39
90	A Facile Strategy for Constructing Boronâ€Rich Polymer Nanoparticles via a Boronic Acidâ€Related Reaction. Macromolecular Rapid Communications, 2011, 32, 534-539.	2.0	38

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91	Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly(ε-caprolactone) nanoparticles. International Journal of Nanomedicine, 2012, 7, 281.	3.3	38
92	Supramolecular Amphiphilic Polymer-Based Micelles with Seven-Armed Polyoxazoline Coating for Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 5768-5777.	4.0	38
93	Doxorubicin-loaded poly(butylcyanoacrylate) nanoparticles produced by emulsifier-free emulsion polymerization. Journal of Applied Polymer Science, 2000, 78, 517-526.	1.3	37
94	Near-Infrared Emitting Gold Clusterâ€“Poly(acrylic acid) Hybrid Nanogels. ACS Macro Letters, 2014, 3, 74-76.	2.3	37
95	Anomalous magnetic properties in Co3O4 nanoparticles covered with polymer decomposition residues. Journal of Applied Physics, 2004, 95, 7420-7422.	1.1	36
96	Targeting and microenvironment-improving of phenylboronic acid-decorated soy protein nanoparticles with different sizes to tumor. Theranostics, 2019, 9, 7417-7430.	4.6	36
97	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. ACS Applied Materials & Interfaces, 2020, 12, 20281-20286.	4.0	36
98	Fluorescent Micelles Based on Star Amphiphilic Copolymer with a Porphyrin Core for Bioimaging and Drug Delivery. Macromolecular Bioscience, 2012, 12, 83-92.	2.1	35
99	Ultra-high relaxivity iron oxide nanoparticles confined in polymer nanospheres for tumor MR imaging. Journal of Materials Chemistry B, 2015, 3, 5702-5710.	2.9	35
100	Platinum-Incorporating Poly(<i>N</i>-vinylpyrrolidone)-poly(aspartic acid) Pseudoblock Copolymer Nanoparticles for Drug Delivery. Biomacromolecules, 2015, 16, 2059-2071.	2.6	35
101	Improving Quantum Yield of a NIRâ€II Dye by Phenylazo Group. Advanced Healthcare Materials, 2020, 9, e1901470.	3.9	34
102	Non-enzymatic and enzymatic degradation of poly(ethylene glycol)-b-poly(É›-caprolactone) diblock copolymer micelles in aqueous solution. Polymer, 2008, 49, 5513-5519.	1.8	33
103	Drug-loaded pseudo-block copolymer micelles with a multi-armed star polymer as the micellar exterior. Nanoscale, 2015, 7, 12572-12580.	2.8	33
104	Shape Effects of Cylindrical versus Spherical Unimolecular Polymer Nanomaterials on in Vitro and in Vivo Behaviors. Research, 2019, 2019, 2391486.	2.8	33
105	Surface-Potential-Regulated Transmembrane and Cytotoxicity of Chitosan/Gold Hybrid Nanospheres. ACS Applied Materials & Interfaces, 2010, 2, 1456-1465.	4.0	32
106	Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. Nanomedicine, 2015, 10, 1149-1163.	1.7	31
107	Synthesis and biological evaluation of bis and monocarbonate prodrugs of 10-hydroxycamptothecins. Bioorganic and Medicinal Chemistry, 2004, 12, 4003-4008.	1.4	30
108	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. Biomaterials Science, 2016, 4, 1351-1360.	2.6	30

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109	The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. Small, 2021, 17, e2102695.	5.2	30
110	Microstructure Formation and Property of Chitosan-Poly(acrylic acid) Nanoparticles Prepared by Macromolecular Complex. Macromolecular Bioscience, 2005, 5, 993-1000.	2.1	29
111	Emerging Designs of Aggregation-Induced Emission Agents for Enhanced Phototherapy Applications. CCS Chemistry, 2022, 4, 401-419.	4.6	28
112	Construction of a Biomimetic Zwitterionic Interface for Monitoring Cell Proliferation and Apoptosis. Langmuir, 2005, 21, 8394-8399.	1.6	27
113	Cellular entry fashion of hollow milk protein spheres. Soft Matter, 2011, 7, 11526.	1.2	27
114	Multifold enhanced T2 relaxation of ZnFe2O4 nanoparticles by jamming them inside chitosan nanospheres. Journal of Materials Chemistry, 2012, 22, 5684.	6.7	27
115	Hollow chitosanâ€“silica nanospheres for doxorubicin delivery to cancer cells with enhanced antitumor effect in vivo. Journal of Materials Chemistry, 2011, 21, 3147.	6.7	26
116	Comparative studies of salinomycin-loaded nanoparticles prepared by nanoprecipitation and single emulsion method. Nanoscale Research Letters, 2014, 9, 351.	3.1	26
117	Phenothiazine versus Phenoxazine: Structural Effects on the Photophysical Properties of NIR-II AIE Fluorophores. ACS Applied Materials & Interfaces, 2020, 12, 43466-43473.	4.0	26
118	Effect of chain end group on surface glass transition temperature of thin polymer film. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 281, 363-367.	0.9	25
119	Ferroelectric Polymer Nanotubes with Large Dielectric Constants for Potential Allâ€Organic Electronic Devices. Macromolecular Rapid Communications, 2008, 29, 724-728.	2.0	25
120	Synthesis of Î²-cyclodextrin modified chitosanâ€“poly(acrylic acid) nanoparticles and use as drug carriers. Carbohydrate Polymers, 2012, 90, 361-369.	5.1	24
121	Enhancement of radiotherapy efficacy by miR-200c-loaded gelatinase-stimuli PEG-Pep-PCL nanoparticles in gastric cancer cells. International Journal of Nanomedicine, 2014, 9, 2345.	3.3	24
122	Nitroxide-mediated radical polymerization of 4-vinylpyridine and its application on modification of silicon substrate. Journal of Applied Polymer Science, 2002, 86, 2687-2692.	1.3	23
123	Reversion of pH-Induced Physiological Drug Resistance: A Novel Function of Copolymeric Nanoparticles. PLoS ONE, 2011, 6, e24172.	1.1	23
124	A tumor-penetrating recombinant protein anti-EGFR-iRGD enhance efficacy of paclitaxel in 3D multicellular spheroids and gastric cancer in vivo. European Journal of Pharmaceutical Sciences, 2015, 77, 60-72.	1.9	23
125	Development of mesoporous silica-based nanoprobes for optical bioimaging applications. Biomaterials Science, 2021, 9, 3603-3620.	2.6	23
126	Synthesis and luminescence of CePO4and CePO4:Tb hollow and coreâ€“shell microspheres composed of single-crystal nanorods. Nanotechnology, 2007, 18, 415602.	1.3	21

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127	Synthesis and Self-Assembly of a Nanoscaled Multiarm Polymer Terminated by Î²-Cyclodextrin. ACS Macro Letters, 2013, 2, 82-85.	2.3	21
128	Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. Science China Materials, 2018, 61, 1404-1419.	3.5	21
129	Magnetic anisotropy in carbon encapsulated Co/CoO â€œlinesâ€•with large exchange bias. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 307, 69-75.	0.9	20
130	Thermo and pH dual-responsive drug-linked pseudo-polypeptide micelles with a comb-shaped polymer as a micellar exterior. Polymer Chemistry, 2017, 8, 6886-6894.	1.9	20
131	Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. Biomaterials Science, 2019, 7, 2552-2558.	2.6	20
132	An oxygen-sensitive probe and a hydrogel for optical imaging and photodynamic antimicrobial chemotherapy of chronic wounds. Biomaterials Science, 2022, 10, 2054-2061.	2.6	20
133	Synthesis and characterization of novel soluble alternating copoly(phenylene vinylene) derivative for light-emitting electrochemical cell. Journal of Applied Polymer Science, 2003, 88, 1350-1356.	1.3	19
134	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. Polymer Chemistry, 2017, 8, 2105-2114.	1.9	19
135	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. Biomaterials Science, 2021, 9, 1363-1373.	2.6	19
136	NIR-II Fluorophore with Dithienylethene as an Electron Donor for Fluorescence/Photoacoustic Dual-Model Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2021, 13, 54830-54839.	4.0	19
137	Chitosan Surface-Modified Hydroxycamptothecin Loaded Nanoparticles with Enhanced Transport Across Caco-2 Cell Monolayer. Journal of Nanoscience and Nanotechnology, 2006, 6, 2912-2920.	0.9	18
138	In vitro and in vivo Antitumor Activity of Doxorubicinâ€Loaded Alginicâ€Acidâ€Based Nanoparticles. Macromolecular Bioscience, 2012, 12, 1326-1335.	2.1	18
139	Synthesis of Î²â€Cyclodextrinâ€[60]fullerene Conjugate and Its DNA Cleavage Performance. Chinese Journal of Chemistry, 2014, 32, 78-84.	2.6	18
140	Tracking Cancer Metastasis Inâ€…Vivo by Using an Iridiumâ€Based Hypoxiaâ€Activated Optical Oxygen Nanosensor. Angewandte Chemie, 2015, 127, 8212-8217.	1.6	17
141	Synthesis and biological properties of water-soluble polyphenylthiophene brushes with poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	17
142	Carbamoylmannose enhances the tumor targeting ability of supramolecular nanoparticles formed through hostâ€“guest complexation of a pair of homopolymers. Journal of Materials Chemistry B, 2017, 5, 834-848.	2.9	17
143	Length effects of cylindrical polymer brushes on their in vitro and in vivo properties. Biomaterials Science, 2019, 7, 5124-5131.	2.6	17
144	Polymerâ€based activatable optical probes for tumor fluorescence and photoacoustic imaging. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1593.	3.3	17

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145	Surface Functionalization of Polyethylene for Magnetic Resonance Signal-Enhancing Coating Materials. Chemistry of Materials, 2002, 14, 1914-1920.	3.2	16
146	Chemiluminescent Nanomicelles for Imaging Hydrogen Peroxide and Self-Therapy in Photodynamic Therapy. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	16
147	Smart conjugated polymer nanocarrier for healthy weight loss by negative feedback regulation of lipase activity. Nanoscale, 2016, 8, 3368-3375.	2.8	16
148	Synthesis and Biological Properties of Porphyrin-Containing Polymeric Micelles with Different Sizes. ACS Applied Materials & Interfaces, 2016, 8, 5794-5803.	4.0	16
149	The in vitro and in vivo properties of ringlike polymer brushes. Nano Today, 2021, 41, 101293.	6.2	16
150	Microemulsion polymerization of siloxane with nonionic surfactants as emulsifiers. Journal of Applied Polymer Science, 2003, 89, 3587-3593.	1.3	15
151	Effects of Methyl jasmonate with indole-3-acetic acid and 6-benzylaminopurine on the secondary metabolism of cultured Onosma paniculatum cells. In Vitro Cellular and Developmental Biology - Plant, 2004, 40, 581-585.	0.9	14
152	Fabrication and Characterization of Gd-DTPA-Loaded Chitosan-Poly(Acrylic Acid) Nanoparticles for Magnetic Resonance Imaging. Macromolecular Bioscience, 2015, 15, 1105-1114.	2.1	14
153	Modification of Î±-Cyclodextrin Polyrotaxanes by ATRP for Conjugating Drug and Prolonging Blood Circulation. ACS Biomaterials Science and Engineering, 2018, 4, 1963-1968.	2.6	14
154	Target-Amplified Drug Delivery of Polymer Micelles Bearing Staudinger Ligation. ACS Applied Materials & Interfaces, 2019, 11, 32697-32705.	4.0	14
155	Synthesis of cobalt disulfide nanoparticles in polymer matrix. Materials Letters, 2003, 57, 2606-2611.	1.3	13
156	NIR-II Dye-Labeled Cylindrical Polymer Brushes for in Vivo Imaging. ACS Macro Letters, 2019, 8, 1623-1628.	2.3	13
157	Effect of chain end group hydrophobicity onsurface aggregation structure of poly(styrene-block-4-vinylpyridine) symmetric diblock copolymer films. Polymer, 1998, 39, 2615-2620.	1.8	12
158	Synthesis of hydroxyl-terminated copolymer of styrene and 4-vinylpyridine via nitroxide-mediated living radical polymerization. Journal of Applied Polymer Science, 2004, 91, 1842-1847.	1.3	12
159	Comparison of Gd [DTPA-bis (2-aminoethoxy) ethane] polymeric contrast agent with gadodiamide injection for interstitial MR lymphography: Experimental study with rabbits. Journal of Magnetic Resonance Imaging, 2005, 22, 361-367.	1.9	12
160	Physical Stability and Lyophilization of Poly(Îµ-caprolactone)-b-Poly(ethyleneglycol)-b-Poly(Îµ-caprolactone) Micelles. Journal of Nanoscience and Nanotechnology, 2006, 6, 3032-3039.	0.9	12
161	Superior antimetastatic effect of pemetrexed-loaded gelatinase-responsive nanoparticles in a mouse metastasis model. Anti-Cancer Drugs, 2012, 23, 1078-1088.	0.7	12
162	Synthesis of drug-crosslinked polymer nanoparticles. Polymer Chemistry, 2015, 6, 1703-1713.	1.9	12

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163	Modulating Tumor Extracellular Matrix by Simultaneous Inhibition of Two Cancer Cell Receptors. Advanced Materials, 2022, 34, e2109376.	11.1	12
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