# Xiqun Jiang

## List of Publications by Year in Descending Order

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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.

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|---|---|---|---|
| 204 papers | 9,195 citations | 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 | An Orthogonal Protection Strategy for Synthesizing Scaffold-Modifiable Dendrons and Their Application in Drug Delivery.. *ACS Central Science*, **2022**, 8, 258-267 | 16.8 | 1 |
| 203 | Enhancing Penetration Ability of Semiconducting Polymer Nanoparticles for Sonodynamic Therapy of Large Solid Tumor.. *Advanced Science*, **2022**, e2104125 | 13.6 | 6 |
| 202 | Cascade Downregulation of HER Family by a Dual-Targeted Recombinant Protein-Drug Conjugate to Inhibit Tumor Growth and Metastasis.. *Advanced Materials*, **2022**, e2201558 | 24 | 1 |
| 201 | Biomedical polymers: synthesis, properties, and applications.. *Science China Chemistry*, **2022**, 1-66 | 7.9 | 11 |
| 200 | Modulating Tumor Extracellular Matrix by Simultaneous Inhibition of Two Cancer Cell Receptors.. *Advanced Materials*, **2021**, e2109376 | 24 | 4 |
| 199 | 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 | 9.5 | 2 |
| 198 | Phenylboronic Acid Modification Augments the Lysosome Escape and Antitumor Efficacy of a Cylindrical Polymer Brush-Based Prodrug. *Journal of the American Chemical Society*, **2021**, | 16.4 | 4 |
| 197 | Light-Activated Hypoxia-Sensitive Covalent Organic Framework for Tandem-Responsive Drug Delivery. *Nano Letters*, **2021**, 21, 3218-3224 | 11.5 | 43 |
| 196 | Mitochondrion-specific dendritic lipopeptide liposomes for targeted sub-cellular delivery. *Nature Communications*, **2021**, 12, 2390 | 17.4 | 26 |
| 195 | Self-Assembly of Crystalline Vesicles from Nonplanar □Conjugated Nanocycles. *CCS Chemistry*, **2021**, 3, 1851-1861 | 7.2 | 2 |
| 194 | The development of phosphorescent probes for and bioimaging. *Biomaterials Science*, **2021**, 9, 285-300 | 7.4 | 33 |
| 193 | Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. *Biomaterials Science*, **2021**, 9, 1363-1373 | 7.4 | 6 |
| 192 | Development of mesoporous silica-based nanoprobes for optical bioimaging applications. *Biomaterials Science*, **2021**, 9, 3603-3620 | 7.4 | 7 |
| 191 | The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. *Small*, **2021**, 17, e2102695 | 11 | 4 |
| 190 | The in vitro and in vivo properties of ringlike polymer brushes. *Nano Today*, **2021**, 41, 101293 | 17.9 | 3 |
| 189 | Photoacoustic Imaging and Photothermal Therapy of Semiconducting Polymer Nanoparticles: Signal Amplification and Second Near-Infrared Construction. *Small*, **2021**, 17, e2004723 | 11 | 61 |
| 188 | Biologically active Camellia oleifera protein nanoparticles for improving the tumor microenvironment and drug delivery. *Biomaterials Science*, **2020**, 8, 3907-3915 | 7.4 | 1 |

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| 187 | Hybrid nanoparticle composites applied to photodynamic therapy: strategies and applications. *Journal of Materials Chemistry B*, **2020**, 8, 4726-4737 | 7.3 | 25 |
| 186 | HS-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. *Nature Communications*, **2020**, 11, 446 | 17.4 | 54 |
| 185 | Improving Quantum Yield of a NIR-II Dye by Phenylazo Group. *Advanced Healthcare Materials*, **2020**, 9, e1901470 | 10.1 | 17 |
| 184 | Bypassing the Immunosuppression of Myeloid-Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Platelet-Inspired Platform. *Advanced Functional Materials*, **2020**, 30, 2000189 | 15.6 | 24 |
| 183 | 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 | 9.5 | 21 |
| 182 | Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. *Advanced Materials*, **2020**, 32, e1904337 | 24 | 61 |
| 181 | Antibody and antibody fragments for cancer immunotherapy. *Journal of Controlled Release*, **2020**, 328, 395-406 | 11.7 | 17 |
| 180 | A Dendron-Based Fluorescence Turn-On Probe for Tumor Detection. *Chemistry - A European Journal* , **2020**, 26, 13022-13030 | 4.8 | 2 |
| 179 | Tumor Microenvironment-Regulated and Reported Nanoparticles for Overcoming the Self-Confinement of Multiple Photodynamic Therapy. *Nano Letters*, **2020**, 20, 6526-6534 | 11.5 | 21 |
| 178 | Phenothiazine versus Phenoxazine: Structural Effects on the Photophysical Properties of NIR-II AIE Fluorophores. *ACS Applied Materials & Interfaces*, **2020**, 12, 43466-43473 | 9.5 | 13 |
| 177 | Polymer-based activatable optical probes for tumor fluorescence and photoacoustic imaging. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2020**, 12, e1593 | 9.2 | 12 |
| 176 | Responsive boron biomaterials and their biomedical applications. *Science China Chemistry*, **2020**, 63, 648-664 | 7.4 | 23 |
| 175 | Stimuli-responsive cyclodextrin-based nanoplatforms for cancer treatment and theranostics. *Materials Horizons*, **2019**, 6, 846-870 | 14.4 | 44 |
| 174 | Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. *Biomaterials Science*, **2019**, 7, 2552-2558 | 7.4 | 10 |
| 173 | Target-Amplified Drug Delivery of Polymer Micelles Bearing Staudinger Ligation. *ACS Applied Materials & Interfaces*, **2019**, 11, 32697-32705 | 9.5 | 8 |
| 172 | Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. *Nature Communications*, **2019**, 10, 3051 | 17.4 | 33 |
| 171 | Oxygen-Sensing Probes and Bandage for Optical Detection of Inflammation.. *ACS Applied Bio Materials*, **2019**, 2, 5110-5117 | 4.1 | 1 |
| 170 | Targeting and microenvironment-improving of phenylboronic acid-decorated soy protein nanoparticles with different sizes to tumor. *Theranostics*, **2019**, 9, 7417-7430 | 12.1 | 21 |

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| 169 | Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic -Conjugated Molecules. *Research*, **2019**, 2019, 1953926 | 7.8 | 2 |
| 168 | Shape Effects of Cylindrical versus Spherical Unimolecular Polymer Nanomaterials on in Vitro and in Vivo Behaviors. *Research*, **2019**, 2019, 2391486 | 7.8 | 21 |
| 167 | Length effects of cylindrical polymer brushes on their in vitro and in vivo properties. *Biomaterials Science*, **2019**, 7, 5124-5131 | 7.4 | 6 |
| 166 | NIR-II Dye-Labeled Cylindrical Polymer Brushes for in Vivo Imaging. *ACS Macro Letters*, **2019**, 8, 1623-1628 | 6.6 | 8 |
| 165 | Translatable High Drug Loading Drug Delivery Systems Based on Biocompatible Polymer Nanocarriers. *Biomacromolecules*, **2018**, 19, 1732-1745 | 6.9 | 71 |
| 164 | Dendrimer-based nanoparticles in cancer chemotherapy and gene therapy. *Science China Materials*, **2018**, 61, 1404-1419 | 7.1 | 15 |
| 163 | Application of nanomaterials in cancer immunotherapy. *Materials Today Chemistry*, **2018**, 7, 53-64 | 6.2 | 51 |
| 162 | Dendritic phospholipid-based drug delivery systems. *Biomaterials Science*, **2018**, 6, 774-778 | 7.4 | 6 |
| 161 | Modification of β-Cyclodextrin Polyrotaxanes by ATRP for Conjugating Drug and Prolonging Blood Circulation. *ACS Biomaterials Science and Engineering*, **2018**, 4, 1963-1968 | 5.5 | 11 |
| 160 | Facile Optimization and Evaluation of PEG-PCL Block Copolymeric Nanoparticles for Anticancer Drug Delivery Using Copolymer Hybrids and Histoculture Drug Response Assays. *Journal of Biomedical Nanotechnology*, **2018**, 14, 321-330 | 4 | 4 |
| 159 | Precise nanomedicine for intelligent therapy of cancer. *Science China Chemistry*, **2018**, 61, 1503-1552 | 7.9 | 256 |
| 158 | Entrapping multifunctional dendritic nanoparticles into a hydrogel for local therapeutic delivery and synergetic immunochemotherapy. *Nano Research*, **2018**, 11, 6062-6073 | 10 | 32 |
| 157 | Supramolecular Amphiphilic Polymer-Based Micelles with Seven-Armed Polyoxazoline Coating for Drug Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 5768-5777 | 9.5 | 31 |
| 156 | Synthesis and biological properties of water-soluble polyphenylthiophene brushes with poly(ethylene glycol)/polyzwitterion side chains. *Polymer Chemistry*, **2017**, 8, 1672-1679 | 4.9 | 10 |
| 155 | Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. *Nature Biomedical Engineering*, **2017**, 1, | 19 | 119 |
| 154 | Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. *Polymer Chemistry*, **2017**, 8, 2105-2114 | 4.9 | 12 |
| 153 | Carbamoylmannose enhances the tumor targeting ability of supramolecular nanoparticles formed through host-guest complexation of a pair of homopolymers. *Journal of Materials Chemistry B*, **2017**, 5, 834-848 | 7.3 | 14 |
| 152 | Cisplatin-Rich Polyoxazoline-Poly(aspartic acid) Supramolecular Nanoparticles. *Macromolecular Bioscience*, **2017**, 17, 1700206 | 5.5 | 6 |

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| 151 | 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 | 4.9 | 16 |
| 150 | Redox Responsive Hyaluronic Acid Nanogels for Treating RHAMM (CD168) Over-expressive Cancer, both Primary and Metastatic Tumors. *Theranostics*, **2017**, 7, 1719-1734 | 12.1 | 37 |
| 149 | Polymeric Micelles for Drug Delivery **2016**, 87-97 | | 1 |
| 148 | Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. *Journal of Controlled Release*, **2016**, 237, 115-24 | 11.7 | 40 |
| 147 | The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. *Biomaterials Science*, **2016**, 4, 1351-60 | 7.4 | 27 |
| 146 | Smart conjugated polymer nanocarrier for healthy weight loss by negative feedback regulation of lipase activity. *Nanoscale*, **2016**, 8, 3368-75 | 7.7 | 12 |
| 145 | Synthesis and Biological Properties of Porphyrin-Containing Polymeric Micelles with Different Sizes. *ACS Applied Materials & Interfaces*, **2016**, 8, 5794-803 | 9.5 | 12 |
| 144 | Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. *Theranostics*, **2016**, 6, 1378-92 | 12.1 | 77 |
| 143 | Drug-loaded pseudo-block copolymer micelles with a multi-armed star polymer as the micellar exterior. *Nanoscale*, **2015**, 7, 12572-80 | 7.7 | 27 |
| 142 | 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 | 5.1 | 18 |
| 141 | Platinum-Incorporating Poly(N-vinylpyrrolidone)-poly(aspartic acid) Pseudoblock Copolymer Nanoparticles for Drug Delivery. *Biomacromolecules*, **2015**, 16, 2059-71 | 6.9 | 32 |
| 140 | Fabrication and Characterization of Gd-DTPA-Loaded Chitosan-Poly(Acrylic Acid) Nanoparticles for Magnetic Resonance Imaging. *Macromolecular Bioscience*, **2015**, 15, 1105-14 | 5.5 | 13 |
| 139 | Nanoscaled boron-containing delivery systems and therapeutic agents for cancer treatment. *Nanomedicine*, **2015**, 10, 1149-63 | 5.6 | 26 |
| 138 | Bioreducible heparin-based nanogel drug delivery system. *Biomaterials*, **2015**, 39, 260-8 | 15.6 | 83 |
| 137 | Core-Shell MnSe@Bi2 Se3 Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. *Advanced Materials*, **2015**, 27, 6110-7 | 24 | 289 |
| 136 | Tracking Cancer Metastasis In Vivo by Using an Iridium-Based Hypoxia-Activated Optical Oxygen Nanosensor. *Angewandte Chemie*, **2015**, 127, 8212-8217 | 3.6 | 14 |
| 135 | Tracking Cancer Metastasis In Vivo by Using an Iridium-Based Hypoxia-Activated Optical Oxygen Nanosensor. *Angewandte Chemie - International Edition*, **2015**, 54, 8094-9 | 16.4 | 103 |
| 134 | Ultra-high relaxivity iron oxide nanoparticles confined in polymer nanospheres for tumor MR imaging. *Journal of Materials Chemistry B*, **2015**, 3, 5702-5710 | 7.3 | 28 |

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| 133 | Hypoxia-specific ultrasensitive detection of tumours and cancer cells in vivo. *Nature Communications*, **2015**, 6, 5834 | 17.4 | 251 |
| 132 | Facile preparation of a novel mulberry silk fibroin scaffold for three-dimensional tumor cell culture. *Materials Letters*, **2015**, 143, 8-11 | 3.3 | 2 |
| 131 | Synthesis of drug-crosslinked polymer nanoparticles. *Polymer Chemistry*, **2015**, 6, 1703-1713 | 4.9 | 12 |
| 130 | Hyaluronic acid nanogels with enzyme-sensitive cross-linking group for drug delivery. *Journal of Controlled Release*, **2015**, 205, 206-17 | 11.7 | 139 |
| 129 | The combined effects of size and surface chemistry on the accumulation of boronic acid-rich protein nanoparticles in tumors. *Biomaterials*, **2014**, 35, 866-78 | 15.6 | 60 |
| 128 | Synthesis, cellular uptake, and biodistribution of whey-rich nanoparticles. *Macromolecular Bioscience*, **2014**, 14, 1149-59 | 5.5 | 7 |
| 127 | Delivery of doxorubicin in vitro and in vivo using bio-reductive cellulose nanogels. *Biomaterials Science*, **2014**, 2, 220-232 | 7.4 | 51 |
| 126 | Oligo(ethylene glycol)-based thermosensitive dendrimers and their tumor accumulation and penetration. *Journal of the American Chemical Society*, **2014**, 136, 3145-55 | 16.4 | 80 |
| 125 | Near-Infrared Emitting Gold Cluster–Poly(acrylic acid) Hybrid Nanogels. *ACS Macro Letters*, **2014**, 3, 74-76 | 6.6 | 30 |
| 124 | Drug Delivery from Protein-Based Nanoparticles **2014**, 149-170 | | 1 |
| 123 | Synthesis of β-Cyclodextrin-[60]fullerene Conjugate and Its DNA Cleavage Performance. *Chinese Journal of Chemistry*, **2014**, 32, 78-84 | 4.9 | 15 |
| 122 | Comparative studies of salinomycin-loaded nanoparticles prepared by nanoprecipitation and single emulsion method. *Nanoscale Research Letters*, **2014**, 9, 351 | 5 | 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, 2345-58 | 7.3 | 20 |
| 120 | Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. *Biomaterials*, **2014**, 35, 6439-53 | 15.6 | 80 |
| 119 | Near-IR-triggered photothermal/photodynamic dual-modality therapy system via chitosan hybrid nanospheres. *Biomaterials*, **2013**, 34, 8314-22 | 15.6 | 172 |
| 118 | Preparation, drug release and cellular uptake of doxorubicin-loaded dextran-b-poly(e-caprolactone) nanoparticles. *Carbohydrate Polymers*, **2013**, 93, 430-7 | 10.3 | 40 |
| 117 | Cellular uptake, antitumor response and tumor penetration of cisplatin-loaded milk protein nanoparticles. *Biomaterials*, **2013**, 34, 1372-82 | 15.6 | 106 |
| 116 | Combined near-IR photothermal therapy and chemotherapy using gold-nanorod/chitosan hybrid nanospheres to enhance the antitumor effect. *Biomaterials Science*, **2013**, 1, 285-293 | 7.4 | 74 |

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|---|---|---|---|
| 115 | Facile preparation of paclitaxel loaded silk fibroin nanoparticles for enhanced antitumor efficacy by locoregional drug delivery. *ACS Applied Materials & Interfaces*, **2013**, 5, 12638-45 | 9.5 | 75 |
| 114 | Doxorubicin delivery to 3D multicellular spheroids and tumors based on boronic acid-rich chitosan nanoparticles. *Biomaterials*, **2013**, 34, 4667-79 | 15.6 | 176 |
| 113 | Synthesis and Self-Assembly of a Nanoscaled Multiarm Polymer Terminated by Cyclodextrin.. *ACS Macro Letters*, **2013**, 2, 82-85 | 6.6 | 16 |
| 112 | Synthesis and drug delivery of novel amphiphilic block copolymers containing hydrophobic dehydroabietic moiety. *Journal of Materials Chemistry B*, **2013**, 1, 2324-2332 | 7.3 | 58 |
| 111 | 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 | 11.7 | 39 |
| 110 | Targeted delivery of miR-200c/DOC to inhibit cancer stem cells and cancer cells by the gelatinases-stimuli nanoparticles. *Biomaterials*, **2013**, 34, 7191-203 | 15.6 | 98 |
| 109 | Synthesis of paclitaxel-conjugated cyclodextrin polyrotaxane and its antitumor activity. *Angewandte Chemie - International Edition*, **2013**, 52, 7272-7 | 16.4 | 71 |
| 108 | Synthesis of Paclitaxel-Conjugated Cyclodextrin Polyrotaxane and Its Antitumor Activity. *Angewandte Chemie*, **2013**, 125, 7413-7418 | 3.6 | 9 |
| 107 | Intelligently targeted drug delivery and enhanced antitumor effect by gelatinase-responsive nanoparticles. *PLoS ONE*, **2013**, 8, e69643 | 3.7 | 32 |
| 106 | Enhanced antitumor efficacy, biodistribution and penetration of docetaxel-loaded biodegradable nanoparticles. *International Journal of Pharmaceutics*, **2012**, 430, 350-8 | 6.5 | 71 |
| 105 | Fluorescent micelles based on star amphiphilic copolymer with a porphyrin core for bioimaging and drug delivery. *Macromolecular Bioscience*, **2012**, 12, 83-92 | 5.5 | 31 |
| 104 | Preparation and antitumor activity of a polymeric derivative of methotrexate. *American Journal of the Medical Sciences*, **2012**, 344, 294-9 | 2.2 | 3 |
| 103 | Tumor accumulation, penetration, and antitumor response of cisplatin-loaded gelatin/poly(acrylic acid) nanoparticles. *ACS Applied Materials & Interfaces*, **2012**, 4, 1838-46 | 9.5 | 48 |
| 102 | Multifusion-induced wall-super-thick giant multilamellar vesicles. *Chemical Communications*, **2012**, 48, 7079-81 | 5.8 | 7 |
| 101 | Alginic acid nanoparticles prepared through counterion complexation method as a drug delivery system. *ACS Applied Materials & Interfaces*, **2012**, 4, 5325-32 | 9.5 | 41 |
| 100 | Multifold enhanced T2 relaxation of ZnFe2O4 nanoparticles by jamming them inside chitosan nanospheres. *Journal of Materials Chemistry*, **2012**, 22, 5684 | | 23 |
| 99 | Paclitaxel/tetrandrine coloaded nanoparticles effectively promote the apoptosis of gastric cancer cells based on "oxidation therapy". *Molecular Pharmaceutics*, **2012**, 9, 222-9 | 5.6 | 73 |
| 98 | Synthesis of cyclodextrin modified chitosan-poly(acrylic acid) nanoparticles and use as drug carriers. *Carbohydrate Polymers*, **2012**, 90, 361-9 | 10.3 | 23 |

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| 97 | In vitro and in vivo antitumor activity of doxorubicin-loaded alginic-acid-based nanoparticles. *Macromolecular Bioscience*, **2012**, 12, 1326-35 | 5.5 | 15 |
| 96 | Long-Circulating Polymeric Drug Nanocarriers. *ACS Symposium Series*, **2012**, 27-36 | 0.4 | 2 |
| 95 | Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly(e-caprolactone) nanoparticles. *International Journal of Nanomedicine*, **2012**, 7, 281-95 | 7.3 | 38 |
| 94 | Spontaneous formation of giant polymer vesicles through a nucleation and growth pathway. *Chemistry - an Asian Journal*, **2012**, 7, 1875-80 | 4.5 | 8 |
| 93 | Inside Cover: Spontaneous Formation of Giant Polymer Vesicles through a Nucleation and Growth Pathway (Chem. Asian J. 8/2012). *Chemistry - an Asian Journal*, **2012**, 7, 1726-1726 | 4.5 | |
| 92 | In situ formation of chitosan-gold hybrid hydrogel and its application for drug delivery. *Colloids and Surfaces B: Biointerfaces*, **2012**, 97, 132-7 | 6 | 52 |
| 91 | Superior antimetastatic effect of pemetrexed-loaded gelatinase-responsive nanoparticles in a mouse metastasis model. *Anti-Cancer Drugs*, **2012**, 23, 1078-88 | 2.4 | 12 |
| 90 | Water-soluble chitosan-quantum dot hybrid nanospheres toward bioimaging and biolabeling. *ACS Applied Materials & Interfaces*, **2011**, 3, 995-1002 | 9.5 | 62 |
| 89 | Conjugated polyelectrolyte-cisplatin complex nanoparticles for simultaneous in vivo imaging and drug tracking. *Nanoscale*, **2011**, 3, 1997-2002 | 7.7 | 92 |
| 88 | Nanospheres-incorporated implantable hydrogel as a trans-tissue drug delivery system. *ACS Nano*, **2011**, 5, 2520-34 | 16.7 | 92 |
| 87 | Cisplatin-loaded gelatin-poly(acrylic acid) nanoparticles: synthesis, antitumor efficiency in vivo and penetration in tumors. *European Journal of Pharmaceutics and Biopharmaceutics*, **2011**, 79, 142-9 | 5.7 | 69 |
| 86 | Reversion of pH-induced physiological drug resistance: a novel function of copolymeric nanoparticles. *PLoS ONE*, **2011**, 6, e24172 | 3.7 | 17 |
| 85 | Galactosylated poly[(2-hydroxyethyl)-L-aspartamide]-bound doxorubicin: improved antitumor activity against hepatocellular carcinoma with reduced hepatotoxicity. *Anti-Cancer Drugs*, **2011**, 22, 136-47 | 2.4 | 6 |
| 84 | The effect of hydrophilic chain length and iRGD on drug delivery from poly(caprolactone)-poly(N-vinylpyrrolidone) nanoparticles. *Biomaterials*, **2011**, 32, 9525-35 | 15.6 | 101 |
| 83 | Synthesis of novel gelatin/poly(acrylic acid) nanorods via the self-assembly of nanospheres. *Science China Chemistry*, **2011**, 54, 392-396 | 7.9 | 4 |
| 82 | Synthesis and antitumoral activity of gelatin/polyoxometalate hybrid nanoparticles. *Macromolecular Bioscience*, **2011**, 11, 839-47 | 5.5 | 30 |
| 81 | A facile strategy for constructing boron-rich polymer nanoparticles via a boronic acid-related reaction. *Macromolecular Rapid Communications*, **2011**, 32, 534-9 | 4.8 | 36 |
| 80 | Cellular entry fashion of hollow milk protein spheres. *Soft Matter*, **2011**, 7, 11526 | 3.6 | 25 |

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| 79 | Hollow chitosan–silica nanospheres for doxorubicin delivery to cancer cells with enhanced antitumor effect in vivo. *Journal of Materials Chemistry*, **2011**, 21, 3147 | | 24 |
| 78 | Nonspherical polysaccharide vesicles and their shape and volume regulation via osmotically sensitive channels. *Soft Matter*, **2011**, 7, 5519 | 3.6 | 9 |
| 77 | Lipophilic carbon nanotubes and their phase-separation in SBS. *Polymer Testing*, **2011**, 30, 260-270 | 4.5 | 6 |
| 76 | Effect of hydrophilically functionalized carbon nanotubes on the reinforcement of water-borne epoxy resin. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 5169-78 | 1.3 | |
| 75 | Chemiluminescent nanomicelles for imaging hydrogen peroxide and self-therapy in photodynamic therapy. *Journal of Biomedicine and Biotechnology*, **2011**, 2011, 679492 | | 11 |
| 74 | A practical strategy for constructing nanodrugs using carbon nanotubes as carriers. *Methods in Molecular Biology*, **2011**, 751, 565-82 | 1.4 | 2 |
| 73 | Multifunctional nanocarriers for cell imaging, drug delivery, and near-IR photothermal therapy. *Langmuir*, **2010**, 26, 5428-34 | 4 | 162 |
| 72 | Degradation and degradation-induced re-assembly of PVP-PCL micelles. *Biomacromolecules*, **2010**, 11, 481-8 | 6.9 | 51 |
| 71 | Cell-penetrating hollow spheres based on milk protein. *Chemical Communications*, **2010**, 46, 7566-8 | 5.8 | 35 |
| 70 | Hollow core-porous shell structure poly(acrylic acid) nanogels with a superhigh capacity of drug loading. *ACS Applied Materials & Interfaces*, **2010**, 2, 3532-8 | 9.5 | 71 |
| 69 | Paclitaxel-loaded poly(N-vinylpyrrolidone)-b-poly(epsilon-caprolactone) nanoparticles: preparation and antitumor activity in vivo. *Journal of Controlled Release*, **2010**, 142, 438-46 | 11.7 | 139 |
| 68 | Surface-potential-regulated transmembrane and cytotoxicity of chitosan/gold hybrid nanospheres. *ACS Applied Materials & Interfaces*, **2010**, 2, 1456-65 | 9.5 | 29 |
| 67 | Polymer-assisted nanoparticulate contrast-enhancing materials. *Science China Chemistry*, **2010**, 53, 479-486 | 1.9 | 1 |
| 66 | Entering and Lighting Up Nuclei Using Hollow Chitosan–Gold Hybrid Nanospheres. *Advanced Materials*, **2009**, 21, 3639-3643 | 24 | 44 |
| 65 | Gold encapsulated chitosan-poly(acrylic acid) hybrid hollow nanospheres. *Macromolecular Bioscience*, **2009**, 9, 1272-80 | 5.5 | 3 |
| 64 | Preparation of porous chitosan-poly(acrylic acid)-calcium phosphate hybrid nanoparticles via mineralization. *Science Bulletin*, **2009**, 54, 3127-3136 | | 2 |
| 63 | Dual-functional alginic acid hybrid nanospheres for cell imaging and drug delivery. *Small*, **2009**, 5, 709-17 | 11 | 61 |
| 62 | Resveratrol-loaded polymeric micelles protect cells from Abeta-induced oxidative stress. *International Journal of Pharmaceutics*, **2009**, 375, 89-96 | 6.5 | 147 |

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| 61 | Preparation and evaluation of PEG-PCL nanoparticles for local tetradrine delivery. *International Journal of Pharmaceutics*, **2009**, 379, 158-66 | 6.5 | 77 |
| 60 | Polymer/silica hybrid hollow nanospheres with pH-sensitive drug release in physiological and intracellular environments. *Chemical Communications*, **2009**, 2718-20 | 5.8 | 63 |
| 59 | Covalently combining carbon nanotubes with anticancer agent: preparation and antitumor activity. *ACS Nano*, **2009**, 3, 2740-50 | 16.7 | 210 |
| 58 | Direct facile approach to the fabrication of chitosan-gold hybrid nanospheres. *Langmuir*, **2008**, 24, 3459-64 | 4 | 47 |
| 57 | Synthesis of hydroxypropylcellulose-poly(acrylic acid) particles with semi-interpenetrating polymer network structure. *Biomacromolecules*, **2008**, 9, 2609-14 | 6.9 | 73 |
| 56 | The antitumor effect of novel docetaxel-loaded thermosensitive micelles. *European Journal of Pharmaceutics and Biopharmaceutics*, **2008**, 69, 527-34 | 5.7 | 106 |
| 55 | Superior antitumor efficiency of cisplatin-loaded nanoparticles by intratumoral delivery with decreased tumor metabolism rate. *European Journal of Pharmaceutics and Biopharmaceutics*, **2008**, 70, 726-34 | 5.7 | 106 |
| 54 | Ferroelectric Polymer Nanotubes with Large Dielectric Constants for Potential All-Organic Electronic Devices. *Macromolecular Rapid Communications*, **2008**, 29, 724-728 | 4.8 | 24 |
| 53 | Non-enzymatic and enzymatic degradation of poly(ethylene glycol)-b-poly(e-caprolactone) diblock copolymer micelles in aqueous solution. *Polymer*, **2008**, 49, 5513-5519 | 3.9 | 33 |
| 52 | Hollow chitosan/poly(acrylic acid) nanospheres as drug carriers. *Biomacromolecules*, **2007**, 8, 1069-76 | 6.9 | 112 |
| 51 | Reversible surface switching of nanogel triggered by external stimuli. *Angewandte Chemie - International Edition*, **2007**, 46, 7104-7 | 16.4 | 59 |
| 50 | Thermo and pH Dual-Responsive Nanoparticles for Anti-Cancer Drug Delivery. *Advanced Materials*, **2007**, 19, 2988-2992 | 24 | 238 |
| 49 | Novel thermosensitive polymeric micelles for docetaxel delivery. *Journal of Biomedical Materials Research - Part A*, **2007**, 81, 847-57 | 5.4 | 70 |
| 48 | 10-Hydroxycamptothecin loaded nanoparticles: preparation and antitumor activity in mice. *Journal of Controlled Release*, **2007**, 119, 153-62 | 11.7 | 130 |
| 47 | Synthesis of alginic acid-poly[2-(diethylamino)ethyl methacrylate] monodispersed nanoparticles by a polymer-monomer pair reaction system. *Biomacromolecules*, **2007**, 8, 843-50 | 6.9 | 40 |
| 46 | Synthesis and luminescence of CePO4and CePO4:Tb hollow and core□shell microspheres composed of single-crystal nanorods. *Nanotechnology*, **2007**, 18, 415602 | 3.4 | 19 |
| 45 | Synthesis of two-end-functionalized copolymer of styrene and methyl methacrylate via living radical polymerization. *Journal of Applied Polymer Science*, **2006**, 102, 3118-3122 | 2.9 | 4 |
| 44 | Synthesis and magnetic properties of biocompatible hybrid hollow spheres. *Biomacromolecules*, **2006**, 7, 1766-72 | 6.9 | 88 |

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| 43 | Physical stability and lyophilization of poly(epsilon-caprolactone)-b-poly(ethyleneglycol)-b-poly(epsilon-caprolactone) micelles. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 3032-9 | 1.3 | 8 |
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