

# Shiyong Liu

## List of Publications by Year in descending order

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261  
papers

22,189  
citations

5126

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137  
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docs citations

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times ranked

20386  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Orchestrating Nitric Oxide and Carbon Monoxide Signaling Molecules for Synergistic Treatment of MRSA Infections. <i>Angewandte Chemie</i> , 2022, 134, .   | 1.6 | 12        |
| 2  | Orchestrating Nitric Oxide and Carbon Monoxide Signaling Molecules for Synergistic Treatment of MRSA Infections. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                      | 7.2 | 51        |
| 3  | Oscillating the local milieu of polymersome interiors via single input-regulated bilayer crosslinking and permeability tuning. <i>Nature Communications</i> , 2022, 13, 585.                         | 5.8 | 16        |
| 4  | A General Strategy toward Synthesis of Well-Defined Polypeptides with Complex Chain Topologies. <i>CCS Chemistry</i> , 2022, 4, 3864-3877.   | 4.6 | 7         |
| 5  | Next-Generation Nonviral Vectors for mRNA Vaccine Delivery. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .   | 1.1 | 5         |
| 6  | Oxygen-Tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie</i> , 2022, 134, .   | 1.6 | 2         |
| 7  | Oxygen-Tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                                    | 7.2 | 23        |
| 8  | Nitric-Oxide-Releasing aza-BODIPY: A New Near-Infrared J-Aggregate with Multiple Antibacterial Modalities. <i>Angewandte Chemie</i> , 2022, 134, .   | 1.6 | 6         |
| 9  | Inflammation-responsive delivery systems for the treatment of chronic inflammatory diseases. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1475-1497.                                  | 3.0 | 25        |
| 10 | Red-Light-Mediated Photoredox Catalysis Enables Self-Reporting Nitric Oxide Release for Efficient Antibacterial Treatment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20452-20460. | 7.2 | 69        |
| 11 | Coordinating External and Built-In Triggers for Tunable Degradation of Polymeric Nanoparticles via Cycle Amplification. <i>Journal of the American Chemical Society</i> , 2021, 143, 13738-13748.    | 6.6 | 31        |
| 12 | Red-Light-Mediated Photoredox Catalysis Enables Self-Reporting Nitric Oxide Release for Efficient Antibacterial Treatment. <i>Angewandte Chemie</i> , 2021, 133, 20615-20623.                        | 1.6 | 9         |
| 13 | Sequence-Defined Synthetic Polymers for New-Generation Functional Biomaterials. , 2021, 3, 1339-1356.  |     | 28        |
| 14 | Designing self-propagating polymers with ultrasensitivity through feedback signal amplification. <i>Polymer Chemistry</i> , 2021, 12, 6230-6241.   | 1.9 | 2         |
| 15 | Synthesis of Polypeptides with High-Fidelity Terminal Functionalities under NCA Monomer-Starved Conditions. <i>Research</i> , 2021, 2021, 9826046.   | 2.8 | 6         |
| 16 | Modulating intracellular oxidative stress via engineered nanotherapeutics. <i>Journal of Controlled Release</i> , 2020, 319, 333-343.  | 4.8 | 47        |
| 17 | Disulfide-Based Self-Immolative Linkers and Functional Bioconjugates for Biological Applications. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900531.                                   | 2.0 | 54        |
| 18 | Controlled drug delivery with nanoassemblies of redox-responsive prodrug and polyprodrug amphiphiles. <i>Journal of Controlled Release</i> , 2020, 326, 276-296.                                     | 4.8 | 52        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Emerging trends in solution self-assembly of block copolymers. <i>Polymer</i> , 2020, 207, 122914.  | 1.8  | 54        |
| 20 | Autonomous Self-Healing to Combat Insulation Failure. <i>Matter</i> , 2020, 2, 288-289.   | 5.0  | 3         |
| 21 | Self-Immolative nanoparticles for stimuli-triggered activation, covalent trapping and accumulation of in situ generated small molecule theranostic fragments. <i>Giant</i> , 2020, 1, 100012. | 2.5  | 19        |
| 22 | Regulating vesicle bilayer permeability and selectivity via stimuli-triggered polymersome-to-PICsome transition. <i>Nature Communications</i> , 2020, 11, 1524.                               | 5.8  | 56        |
| 23 | Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915.   | 3.2  | 117       |
| 24 | High-Fidelity End-Functionalization of Poly(ethylene glycol) Using Stable and Potent Carbamate Linkages. <i>Angewandte Chemie</i> , 2020, 132, 18329-18335.                                   | 1.6  | 5         |
| 25 | High-Fidelity End-Functionalization of Poly(ethylene glycol) Using Stable and Potent Carbamate Linkages. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18172-18178.            | 7.2  | 21        |
| 26 | Cytosolic NQO1 Enzyme-Activated Near-Infrared Fluorescence Imaging and Photodynamic Therapy with Polymeric Vesicles. <i>ACS Nano</i> , 2020, 14, 1919-1935.                                   | 7.3  | 114       |
| 27 | Digital dendrimer: a new horizon of information-containing polymers. <i>Science China Chemistry</i> , 2019, 62, 925-926.  | 4.2  | 3         |
| 28 | Photo- and Reduction-Responsive Polymersomes for Programmed Release of Small and Macromolecular Payloads. <i>Biomacromolecules</i> , 2018, 19, 2071-2081.                                     | 2.6  | 54        |
| 29 | Concurrent Drug Unplugging and Permeabilization of Polyprodrug-Gated Crosslinked Vesicles for Cancer Combination Chemotherapy. <i>Advanced Materials</i> , 2018, 30, e1706307.                | 11.1 | 127       |
| 30 | Anti-inflammatory polymersomes of redox-responsive polyprodrug amphiphiles with inflammation-triggered indomethacin release characteristics. <i>Biomaterials</i> , 2018, 178, 608-619.        | 5.7  | 93        |
| 31 | Fabrication of pH- and Thermo-responsive Three-Layered Micelles via Host-Guest Interactions. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700225.                                  | 2.0  | 9         |
| 32 | Frontispiece: Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, .  | 1.7  | 0         |
| 33 | Best Practices for New Polymers and Nanoparticulate Systems. <i>Chemistry of Materials</i> , 2018, 30, 6587-6588.   | 3.2  | 4         |
| 34 | Engineering Cross-Linkable Plasmonic Vesicles for Synergistic Chemo-Photothermal Therapy Using Orthogonal Light Irradiation. <i>Macromolecules</i> , 2018, 51, 8530-8538.                     | 2.2  | 33        |
| 35 | Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie</i> , 2018, 130, 9034-9038.   | 1.6  | 8         |
| 36 | Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8896-8900.                      | 7.2  | 72        |

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|----|--|-----|-----------|
| 37 | A Scalable "junction Substrate" to Engineer Robust DNA Circuits. <i>Journal of the American Chemical Society</i> , 2018, 140, 9979-9985.   | 6.6 | 36        |
| 38 | Recent advances on stimuli-responsive macromolecular magnetic resonance imaging (MRI) contrast agents. <i>Science China Chemistry</i> , 2018, 61, 1110-1122.   | 4.2 | 22        |
| 39 | Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, 16484-16505.  | 1.7 | 9         |
| 40 | Photoregulated Cross-Linking of Superparamagnetic Iron Oxide Nanoparticle (SPION) Loaded Hybrid Nanovectors with Synergistic Drug Release and Magnetic Resonance (MR) Imaging Enhancement. <i>Macromolecules</i> , 2017, 50, 1113-1125.                        | 2.2 | 60        |
| 41 | Reactive Oxygen, Nitrogen, and Sulfur Species (RONSS)-Responsive Polymersomes for Triggered Drug Release. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600685.  | 2.0 | 47        |
| 42 | Doubly Caged Linker for AND-type Fluorogenic Construction of Protein/Antibody Bioconjugates and In Situ Quantification. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8686-8691.  | 7.2 | 24        |
| 43 | Doubly Caged Linker for AND-type Fluorogenic Construction of Protein/Antibody Bioconjugates and In Situ Quantification. <i>Angewandte Chemie</i> , 2017, 129, 8812-8817.   | 1.6 | 20        |
| 44 | Precisely installing gold nanoparticles at the core/shell interface of micellar assemblies of triblock copolymers. <i>Chinese Chemical Letters</i> , 2017, 28, 1276-1284.  | 4.8 | 15        |
| 45 | Topological effects of macrocyclic polymers: from precise synthesis to biomedical applications. <i>Science China Chemistry</i> , 2017, 60, 1153-1161.  | 4.2 | 21        |
| 46 | Charge-conversional polyprodrug amphiphiles for intracellular dual-responsive drug delivery. <i>Journal of Controlled Release</i> , 2017, 259, e144.   | 4.8 | 3         |
| 47 | Near-Infrared Light-Activated Photochemical Internalization of Reduction-Responsive Polyprodrug Vesicles for Synergistic Photodynamic Therapy and Chemotherapy. <i>Biomacromolecules</i> , 2017, 18, 2571-2582.  | 2.6 | 87        |
| 48 | Photo- and thermo-responsive multicompartment hydrogels for synergistic delivery of gemcitabine and doxorubicin. <i>Journal of Controlled Release</i> , 2017, 259, 149-159.  | 4.8 | 84        |
| 49 | Enzyme-Responsive Polymeric Vesicles for Bacterial-strain-Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie</i> , 2016, 128, 1792-1796.   | 1.6 | 43        |
| 50 | Enzyme-Responsive Polymeric Vesicles for Bacterial-strain-Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1760-1764.  | 7.2 | 226       |
| 51 | Engineering Intracellular Delivery Nanocarriers and Nanoreactors from Oxidation-Responsive Polymersomes via Synchronized Bilayer Cross-Linking and Permeabilizing Inside Live Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 10452-10466. | 6.6 | 246       |
| 52 | Dilution or heating induced thickening in a sodium dodecyl sulfate/p-toluidine hydrochloride aqueous solution. <i>RSC Advances</i> , 2016, 6, 39016-39023.   | 1.7 | 2         |
| 53 | Distinct Morphological Transitions of Photoreactive and Thermo-responsive Vesicles for Controlled Release and Nanoreactors. <i>Macromolecules</i> , 2016, 49, 8282-8295.   | 2.2 | 46        |
| 54 | pH-Regulated Reversible Transition Between Polyion Complexes (PIC) and Hydrogen-Bonding Complexes (HBC) with Tunable Aggregation-Induced Emission. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3693-3702.   | 4.0 | 22        |

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|----|--|------|-----------|
| 55 | Supramolecular Assembly-Assisted Synthesis of Responsive Polymeric Materials with Controlled Chain Topologies. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 591-604.   | 1.1  | 11        |
| 56 | Rationally Engineering Phototherapy Modules of Eosin-Conjugated Responsive Polymeric Nanocarriers via Intracellular Endocytic pH Gradients. <i>Bioconjugate Chemistry</i> , 2015, 26, 1328-1338.   | 1.8  | 32        |
| 57 | Cytosol-Specific Fluorogenic Reactions for Visualizing Intracellular Disintegration of Responsive Polymeric Nanocarriers and Triggered Drug Release. <i>Macromolecules</i> , 2015, 48, 764-774.  | 2.2  | 29        |
| 58 | Intracellular Cascade FRET for Temperature Imaging of Living Cells with Polymeric Ratiometric Fluorescent Thermometers. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 15551-15560.  | 4.0  | 101       |
| 59 | Acid-Disintegratable Polymersomes of pH-Responsive Amphiphilic Diblock Copolymers for Intracellular Drug Delivery. <i>Macromolecules</i> , 2015, 48, 7262-7272.  | 2.2  | 104       |
| 60 | Cytoplasmic Reactive Cationic Amphiphiles for Efficient Intracellular Delivery and Self-Reporting Smart Release. <i>Macromolecules</i> , 2015, 48, 5959-5968.  | 2.2  | 18        |
| 61 | Hyperbranched Self-Immolative Polymers (hSIPs) for Programmed Payload Delivery and Ultrasensitive Detection. <i>Journal of the American Chemical Society</i> , 2015, 137, 11645-11655.   | 6.6  | 126       |
| 62 | Reversibly Switching Bilayer Permeability and Release Modules of Photochromic Polymersomes Stabilized by Cooperative Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 15262-15275.                 | 6.6  | 245       |
| 63 | Recent advances towards the fabrication and biomedical applications of responsive polymeric assemblies and nanoparticle hybrid superstructures. <i>Dalton Transactions</i> , 2015, 44, 3904-3922.  | 1.6  | 43        |
| 64 | Cell-Penetrating Hyperbranched Polyprodrug Amphiphiles for Synergistic Reductive Milieu-Triggered Drug Release and Enhanced Magnetic Resonance Signals. <i>Journal of the American Chemical Society</i> , 2015, 137, 362-368.            | 6.6  | 312       |
| 65 | Responsive polymer-based multicolor fluorescent probes for temperature and Zn <sup>2+</sup> ions in aqueous media. <i>Science China Chemistry</i> , 2014, 57, 615-623.   | 4.2  | 12        |
| 66 | Stimuli-responsive tertiary amine methacrylate-based block copolymers: Synthesis, supramolecular self-assembly and functional applications. <i>Progress in Polymer Science</i> , 2014, 39, 1096-1143.                                    | 11.8 | 196       |
| 67 | Stopped-flow kinetic studies of the formation and disintegration of polyion complex micelles in aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 117-127.  | 1.3  | 22        |
| 68 | Dual endogenous stimuli-responsive polyplex micelles as smart two-step delivery nanocarriers for deep tumor tissue penetration and combating drug resistance of cisplatin. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1813-1824. | 2.9  | 59        |
| 69 | Spatiotemporal Monitoring Endocytic and Cytosolic pH Gradients with Endosomal Escaping pH-Responsive Micellar Nanocarriers. <i>Biomacromolecules</i> , 2014, 15, 4293-4301.  | 2.6  | 28        |
| 70 | Asymmetrically functionalized $\beta$ -cyclodextrin-based star copolymers for integrated gene delivery and magnetic resonance imaging contrast enhancement. <i>Polymer Chemistry</i> , 2014, 5, 1743-1750.                               | 1.9  | 39        |
| 71 | Construction of Polyelectrolyte-Responsive Microgels, and Polyelectrolyte Concentration and Chain Length-Dependent Adsorption Kinetics. <i>Langmuir</i> , 2014, 30, 9551-9559.   | 1.6  | 10        |
| 72 | Self-Immolative Polymersomes for High-Efficiency Triggered Release and Programmed Enzymatic Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 7492-7497.   | 6.6  | 214       |

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|----|--|------|-----------|
| 73 | Schizophrenic Core-Shell Microgels: Thermoregulated Core and Shell Swelling/Collapse by Combining UCST and LCST Phase Transitions. <i>Langmuir</i> , 2014, 30, 2551-2558.  | 1.6  | 39        |
| 74 | Reversible Fluorescence Switching of Spiropyran-Conjugated Biodegradable Nanoparticles for Super-Resolution Fluorescence Imaging. <i>Macromolecules</i> , 2014, 47, 1543-1552.                                     | 2.2  | 75        |
| 75 | Amphiphilic Star Copolymer-Based Bimodal Fluorogenic/Magnetic Resonance Probes for Concomitant Bacteria Detection and Inhibition. <i>Advanced Materials</i> , 2014, 26, 6734-6741.                                 | 11.1 | 126       |
| 76 | Tumor-Targeted Redox-Responsive Nonviral Gene Delivery Nanocarriers Based on Neutral-Cationic Brush Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2014, 35, 466-473.                              | 2.0  | 26        |
| 77 | Engineering Responsive Polymer Building Blocks with Host-Guest Molecular Recognition for Functional Applications. <i>Accounts of Chemical Research</i> , 2014, 47, 2084-2095.                                      | 7.6  | 209       |
| 78 | Polyion complex micellar nanoparticles for integrated fluorometric detection and bacteria inhibition in aqueous media. <i>Biomaterials</i> , 2014, 35, 1618-1626.  | 5.7  | 75        |
| 79 | Highly Selective Fluorogenic Multianalyte Biosensors Constructed via Enzyme-Catalyzed Coupling and Aggregation-Induced Emission. <i>Journal of the American Chemical Society</i> , 2014, 136, 9890-9893.           | 6.6  | 224       |
| 80 | Polyplex Micelles with Thermoresponsive Heterogeneous Coronas for Prolonged Blood Retention and Promoted Gene Transfection. <i>Biomacromolecules</i> , 2014, 15, 2914-2923.  | 2.6  | 27        |
| 81 | Photodegradable Neutral-Cationic Brush Block Copolymers for Nonviral Gene Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2148-2155.  | 1.7  | 13        |
| 82 | Concurrent Block Copolymer Polymersome Stabilization and Bilayer Permeabilization by Stimuli-Regulated $\alpha$ -Traceless-Crosslinking. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3138-3142.   | 7.2  | 195       |
| 83 | Redox-responsive core cross-linked micelles based on cypate and cisplatin prodrugs-conjugated block copolymers for synergistic photothermal chemotherapy of cancer. <i>Polymer Chemistry</i> , 2014, 5, 3707-3718. | 1.9  | 62        |
| 84 | Photo-Triggered Release of Caged Camptothecin Prodrugs from Dually Responsive Shell Cross-Linked Micelles. <i>Macromolecules</i> , 2013, 46, 6243-6256.  | 2.2  | 145       |
| 85 | Facile Fabrication of Multistimuli-Responsive Metallo-Supramolecular Core Cross-Linked Block Copolymer Micelles. <i>Macromolecular Rapid Communications</i> , 2013, 34, 922-930.                                   | 2.0  | 34        |
| 86 | Photo-Degradable, Protein-Polyelectrolyte Complex-Coated, Mesoporous Silica Nanoparticles for Controlled Co-Release of Protein and Model Drugs. <i>Macromolecular Rapid Communications</i> , 2013, 34, 341-347.    | 2.0  | 33        |
| 87 | Functional block copolymer assemblies responsive to tumor and intracellular microenvironments for site-specific drug delivery and enhanced imaging performance. <i>Chemical Society Reviews</i> , 2013, 42, 7289.  | 18.7 | 822       |
| 88 | Thiol and pH dual-responsive dynamic covalent shell cross-linked micelles for triggered release of chemotherapeutic drugs. <i>Polymer Chemistry</i> , 2013, 4, 695-706.  | 1.9  | 114       |
| 89 | Two-Photon Ratiometric Fluorescent Mapping of Intracellular Transport Pathways of pH-Responsive Block Copolymer Micellar Nanocarriers. <i>Advanced Healthcare Materials</i> , 2013, 2, 1576-1581.                  | 3.9  | 44        |
| 90 | Drug and plasmid DNA co-delivery nanocarriers based on abctype polypeptide hybrid miktoarm star copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 924-937.                       | 2.0  | 46        |

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|-----|--|------|-----------|
| 91  | Polyprodrug Amphiphiles: Hierarchical Assemblies for Shape-Regulated Cellular Internalization, Trafficking, and Drug Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 17617-17629.                   | 6.6  | 563       |
| 92  | Thermo- and Light-Regulated Formation and Disintegration of Double Hydrophilic Block Copolymer Assemblies with Tunable Fluorescence Emissions. <i>Langmuir</i> , 2013, 29, 3711-3720.                                      | 1.6  | 35        |
| 93  | PEG-sheddable polyplex micelles as smart gene carriers based on MMP-cleavable peptide-linked block copolymers. <i>Chemical Communications</i> , 2013, 49, 6974.  | 2.2  | 87        |
| 94  | Synergistically Enhance Magnetic Resonance/Fluorescence Imaging Performance of Responsive Polymeric Nanoparticles Under Mildly Acidic Biological Milieu. <i>Macromolecular Rapid Communications</i> , 2013, 34, 749-758.   | 2.0  | 40        |
| 95  | Engineering FRET processes within synthetic polymers, polymeric assemblies and nanoparticles via modulating spatial distribution of fluorescent donors and acceptors. <i>Soft Matter</i> , 2012, 8, 7096.                  | 1.2  | 48        |
| 96  | Highly sensitive and selective fluorometric off-on K <sup>+</sup> probe constructed via host-guest molecular recognition and aggregation-induced emission. <i>Journal of Materials Chemistry</i> , 2012, 22, 8622.         | 6.7  | 109       |
| 97  | Mixed polymeric micelles as multifunctional scaffold for combined magnetic resonance imaging contrast enhancement and targeted chemotherapeutic drug delivery. <i>Journal of Materials Chemistry</i> , 2012, 22, 5020.     | 6.7  | 58        |
| 98  | Light-Triggered Concomitant Enhancement of Magnetic Resonance Imaging Contrast Performance and Drug Release Rate of Functionalized Amphiphilic Diblock Copolymer Micelles. <i>Biomacromolecules</i> , 2012, 13, 3877-3886. | 2.6  | 85        |
| 99  | Highly Selective Fluorescence Sensing of Mercury Ions over a Broad Concentration Range Based on Mixed Polymeric Micelles. <i>Macromolecules</i> , 2012, 45, 3939-3947.   | 2.2  | 34        |
| 100 | A mechanistic investigation of mechanochromic luminescent organoboron materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 17332.  | 6.7  | 103       |
| 101 | Composite silica nanospheres covalently anchored with gold nanoparticles at the outer periphery of thermoresponsive polymer brushes. <i>Journal of Materials Chemistry</i> , 2012, 22, 5155.                               | 6.7  | 24        |
| 102 | Pillar[6]arene-Based Photoresponsive Host-Guest Complexation. <i>Journal of the American Chemical Society</i> , 2012, 134, 8711-8717.  | 6.6  | 446       |
| 103 | Efficient Synthesis of Single Gold Nanoparticle Hybrid Amphiphilic Triblock Copolymers and Their Controlled Self-Assembly. <i>Journal of the American Chemical Society</i> , 2012, 134, 7624-7627.                         | 6.6  | 156       |
| 104 | Polymer Science: The Next Generation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 721-721.  | 2.0  | 3         |
| 105 | Glucose-Regulated Insulin Release from Acid-Disintegrable Microgels Covalently Immobilized with Glucose Oxidase and Catalase. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1852-1860.                            | 2.0  | 30        |
| 106 | Drug-Loaded and Superparamagnetic Iron Oxide Nanoparticle Surface-Embedded Amphiphilic Block Copolymer Micelles for Integrated Chemotherapeutic Drug Delivery and MR Imaging. <i>Langmuir</i> , 2012, 28, 2073-2082.       | 1.6  | 118       |
| 107 | Enzyme-responsive polymeric assemblies, nanoparticles and hydrogels. <i>Chemical Society Reviews</i> , 2012, 41, 5933.   | 18.7 | 615       |
| 108 | Polymeric assemblies and nanoparticles with stimuli-responsive fluorescence emission characteristics. <i>Chemical Communications</i> , 2012, 48, 3262.   | 2.2  | 138       |



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|-----|---|-----|-----------|
| 109 | Multifunctional pH-Disintegrable micellar nanoparticles of asymmetrically functionalized $\beta$ -cyclodextrin-Based star copolymer covalently conjugated with doxorubicin and DOTA-Gd moieties. <i>Biomaterials</i> , 2012, 33, 2521-2531.       | 5.7 | 158       |
| 110 | A General Strategy To Construct Fluorogenic Probes from Charge-Generation Polymers (CGPs) and Active Fluorogens through Triggered Complexation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 455-459.                             | 7.2 | 150       |
| 111 | Fluorescent water-soluble responsive polymers site-specifically labeled with FRET dyes possessing pH- and thermo-modulated multicolor fluorescence emissions as dual ratiometric probes. <i>Journal of Materials Chemistry</i> , 2011, 21, 10321. | 6.7 | 69        |
| 112 | Kinetics of thermo-induced micelle-to-vesicle transitions in a cationic surfactant system investigated by stopped-flow temperature jump. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12545.  | 1.3 | 18        |
| 113 | Analyte-Reactive Amphiphilic Thermoresponsive Diblock Copolymer Micelles-Based Multifunctional Ratiometric Fluorescent Chemosensors. <i>Macromolecules</i> , 2011, 44, 4699-4710.   | 2.2 | 98        |
| 114 | SERS-Active Nanoparticles for Sensitive and Selective Detection of Cadmium Ion ( $\text{Cd}^{2+}$ ). <i>Chemistry of Materials</i> , 2011, 23, 4756-4764.   | 3.2 | 167       |
| 115 | Synthesis of Amphiphilic Tadpole-Shaped Linear-Cyclic Diblock Copolymers via Ring-Opening Polymerization Directly Initiating from Cyclic Precursors and Their Application as Drug Nanocarriers. <i>Biomacromolecules</i> , 2011, 12, 1146-1154.   | 2.6 | 138       |
| 116 | Stimuli-Responsive Fluorescent Poly( <i>N</i> -isopropylacrylamide) Microgels Labeled with Phenylboronic Acid Moieties as Multifunctional Ratiometric Probes for Glucose and Temperatures. <i>Macromolecules</i> , 2011, 44, 2282-2290.           | 2.2 | 158       |
| 117 | Micellar Nanoparticles of Coil-Rod-Coil Triblock Copolymers for Highly Sensitive and Ratiometric Fluorescent Detection of Fluoride Ions. <i>Macromolecules</i> , 2011, 44, 8207-8214.   | 2.2 | 44        |
| 118 | Thermogelling of Double Hydrophilic Multiblock and Triblock Copolymers of <i>N,N</i> -Dimethylacrylamide and <i>N</i> -Isopropylacrylamide: Chain Architectural and Hofmeister Effects. <i>Langmuir</i> , 2011, 27, 1143-1151.                    | 1.6 | 38        |
| 119 | Reactive Fluorescence Turn-On Probes for Fluoride Ions in Purely Aqueous Media Fabricated from Functionalized Responsive Block Copolymers. <i>Macromolecules</i> , 2011, 44, 8780-8790.   | 2.2 | 39        |
| 120 | Thermoresponsive Core Cross-Linked Micelles for Selective Ratiometric Fluorescent Detection of $\text{Hg}^{2+}$ Ions. <i>Langmuir</i> , 2011, 27, 4082-4090.  | 1.6 | 69        |
| 121 | Thermo- and light-regulated fluorescence resonance energy transfer processes within dually responsive microgels. <i>Polymer Chemistry</i> , 2011, 2, 363-371.   | 1.9 | 87        |
| 122 | Responsive Polymers-Based Dual Fluorescent Chemosensors for $\text{Zn}^{2+}$ Ions and Temperatures Working in Purely Aqueous Media. <i>Analytical Chemistry</i> , 2011, 83, 2775-2785.  | 3.2 | 88        |
| 123 | Ionic polypeptides with unusual helical stability. <i>Nature Communications</i> , 2011, 2, 206.   | 5.8 | 227       |
| 124 | Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. <i>Macromolecules</i> , 2011, 44, 2050-2057.   | 2.2 | 105       |
| 125 | Fabrication of Thermoresponsive Cross-Linked Poly( <i>N</i> -isopropylacrylamide) Nanocapsules and Silver Nanoparticle-Embedded Hybrid Capsules with Controlled Shell Thickness. <i>Chemistry of Materials</i> , 2011, 23, 2370-2380.             | 3.2 | 79        |
| 126 | Ultrasensitive ratiometric fluorescent pH and temperature probes constructed from dye-labeled thermoresponsive double hydrophilic block copolymers. <i>Journal of Materials Chemistry</i> , 2011, 21, 19030.                                      | 6.7 | 75        |



| #   | ARTICLE   | IF  | CITATIONS |
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