

Shiyong Liu

List of Publications by Year in descending order

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261
papers

22,189
citations

4388

86
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11052

137
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273
docs citations

273
times ranked

17968
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, .	2.0	12
2	Orchestrating Nitric Oxide and Carbon Monoxide Signaling Molecules for Synergistic Treatment of MRSA Infections. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	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.	12.8	16
4	A General Strategy toward Synthesis of Well-Defined Polypeptides with Complex Chain Topologies. <i>CCS Chemistry</i> , 2022, 4, 3864-3877.	7.8	7
5	Next-Generation Nonviral Vectors for mRNA Vaccine Delivery. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	5
6	Oxygen-Tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
7	Oxygen-Tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
8	Nitric-Oxide-Releasing aza-BODIPY: A New Near-Infrared J-Aggregate with Multiple Antibacterial Modalities. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
9	Inflammation-responsive delivery systems for the treatment of chronic inflammatory diseases. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1475-1497.	5.8	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.	13.8	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.	13.7	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.	2.0	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.	3.9	2
15	Synthesis of Polypeptides with High-Fidelity Terminal Functionalities under NCA Monomer-Starved Conditions. <i>Research</i> , 2021, 2021, 9826046.	5.7	6
16	Modulating intracellular oxidative stress via engineered nanotherapeutics. <i>Journal of Controlled Release</i> , 2020, 319, 333-343.	9.9	47
17	Disulfide-Based Self-Immolative Linkers and Functional Bioconjugates for Biological Applications. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900531.	3.9	54
18	Controlled drug delivery with nanoassemblies of redox-responsive prodrug and polyprodrug amphiphiles. <i>Journal of Controlled Release</i> , 2020, 326, 276-296.	9.9	52

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19	Emerging trends in solution self-assembly of block copolymers. <i>Polymer</i> , 2020, 207, 122914.	3.8	54
20	Autonomous Self-Healing to Combat Insulation Failure. <i>Matter</i> , 2020, 2, 288-289.	10.0	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.	5.1	19
22	Regulating vesicle bilayer permeability and selectivity via stimuli-triggered polymersome-to-PICsome transition. <i>Nature Communications</i> , 2020, 11, 1524.	12.8	56
23	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915.	5.9	117
24	High-Fidelity End-Functionalization of Poly(ethylene glycol) Using Stable and Potent Carbamate Linkages. <i>Angewandte Chemie</i> , 2020, 132, 18329-18335.	2.0	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.	13.8	21
26	Cytosolic NQO1 Enzyme-Activated Near-Infrared Fluorescence Imaging and Photodynamic Therapy with Polymeric Vesicles. <i>ACS Nano</i> , 2020, 14, 1919-1935.	14.6	114
27	Digital dendrimer: a new horizon of information-containing polymers. <i>Science China Chemistry</i> , 2019, 62, 925-926.	8.2	3
28	Photo- and Reduction-Responsive Polymersomes for Programmed Release of Small and Macromolecular Payloads. <i>Biomacromolecules</i> , 2018, 19, 2071-2081.	5.4	54
29	Concurrent Drug Unplugging and Permeabilization of Polyprodrug-Gated Crosslinked Vesicles for Cancer Combination Chemotherapy. <i>Advanced Materials</i> , 2018, 30, e1706307.	21.0	127
30	Anti-inflammatory polymersomes of redox-responsive polyprodrug amphiphiles with inflammation-triggered indomethacin release characteristics. <i>Biomaterials</i> , 2018, 178, 608-619.	11.4	93
31	Fabrication of pH- and Thermo-responsive Three-Layered Micelles via Host-Guest Interactions. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700225.	3.9	9
32	Frontispiece: Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
33	Best Practices for New Polymers and Nanoparticulate Systems. <i>Chemistry of Materials</i> , 2018, 30, 6587-6588.	6.7	4
34	Engineering Cross-Linkable Plasmonic Vesicles for Synergistic Chemo-Photothermal Therapy Using Orthogonal Light Irradiation. <i>Macromolecules</i> , 2018, 51, 8530-8538.	4.8	33
35	Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie</i> , 2018, 130, 9034-9038.	2.0	8
36	Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8896-8900.	13.8	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.	13.7	36
38	Recent advances on stimuli-responsive macromolecular magnetic resonance imaging (MRI) contrast agents. <i>Science China Chemistry</i> , 2018, 61, 1110-1122.	8.2	22
39	Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, 16484-16505.	3.3	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.	4.8	60
41	Reactive Oxygen, Nitrogen, and Sulfur Species (RONSS)-Responsive Polymersomes for Triggered Drug Release. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600685.	3.9	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.	13.8	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.	2.0	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.	9.0	15
45	Topological effects of macrocyclic polymers: from precise synthesis to biomedical applications. <i>Science China Chemistry</i> , 2017, 60, 1153-1161.	8.2	21
46	Charge-conversional polyprodrug amphiphiles for intracellular dual-responsive drug delivery. <i>Journal of Controlled Release</i> , 2017, 259, e144.	9.9	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.	5.4	87
48	Photo- and thermo-responsive multicompartiment hydrogels for synergistic delivery of gemcitabine and doxorubicin. <i>Journal of Controlled Release</i> , 2017, 259, 149-159.	9.9	84
49	Enzyme-Responsive Polymeric Vesicles for Bacterial-Strain-Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie</i> , 2016, 128, 1792-1796.	2.0	43
50	Enzyme-Responsive Polymeric Vesicles for Bacterial-Strain-Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1760-1764.	13.8	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.	13.7	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.	3.6	2
53	Distinct Morphological Transitions of Photoreactive and Thermo-responsive Vesicles for Controlled Release and Nanoreactors. <i>Macromolecules</i> , 2016, 49, 8282-8295.	4.8	46
54	pH-Regulated Reversible Transition Between Polyion Complexes (PIC) and Hydrogen-Bonding Complexes (HBC) with Tunable Aggregation-Induced Emission. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3693-3702.	8.0	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.	2.2	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.	3.6	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.	4.8	29
58	Intracellular Cascade FRET for Temperature Imaging of Living Cells with Polymeric Ratiometric Fluorescent Thermometers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15551-15560.	8.0	101
59	Acid-Disintegratable Polymersomes of pH-Responsive Amphiphilic Diblock Copolymers for Intracellular Drug Delivery. <i>Macromolecules</i> , 2015, 48, 7262-7272.	4.8	104
60	Cytoplasmic Reactive Cationic Amphiphiles for Efficient Intracellular Delivery and Self-Reporting Smart Release. <i>Macromolecules</i> , 2015, 48, 5959-5968.	4.8	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.	13.7	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.	13.7	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.	3.3	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.	13.7	312
65	Responsive polymer-based multicolor fluorescent probes for temperature and Zn ²⁺ ions in aqueous media. <i>Science China Chemistry</i> , 2014, 57, 615-623.	8.2	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.	24.7	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.	2.8	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.	5.8	59
69	Spatiotemporal Monitoring Endocytic and Cytosolic pH Gradients with Endosomal Escaping pH-Responsive Micellar Nanocarriers. <i>Biomacromolecules</i> , 2014, 15, 4293-4301.	5.4	28
70	Asymmetrically functionalized β -cyclodextrin-based star copolymers for integrated gene delivery and magnetic resonance imaging contrast enhancement. <i>Polymer Chemistry</i> , 2014, 5, 1743-1750.	3.9	39
71	Construction of Polyelectrolyte-Responsive Microgels, and Polyelectrolyte Concentration and Chain Length-Dependent Adsorption Kinetics. <i>Langmuir</i> , 2014, 30, 9551-9559.	3.5	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.	13.7	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.	3.5	39
74	Reversible Fluorescence Switching of Spiropyran-Conjugated Biodegradable Nanoparticles for Super-Resolution Fluorescence Imaging. <i>Macromolecules</i> , 2014, 47, 1543-1552.	4.8	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.	21.0	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.	3.9	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.	15.6	209
78	Polyion complex micellar nanoparticles for integrated fluorometric detection and bacteria inhibition in aqueous media. <i>Biomaterials</i> , 2014, 35, 1618-1626.	11.4	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.	13.7	224
80	Polyplex Micelles with Thermoresponsive Heterogeneous Coronas for Prolonged Blood Retention and Promoted Gene Transfection. <i>Biomacromolecules</i> , 2014, 15, 2914-2923.	5.4	27
81	Photodegradable Neutral-Cationic Brush Block Copolymers for Nonviral Gene Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2148-2155.	3.3	13
82	Concurrent Block Copolymer Polymersome Stabilization and Bilayer Permeabilization by Stimuli-Regulated Traceless-Crosslinking. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3138-3142.	13.8	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.	3.9	62
84	Photo-Triggered Release of Caged Camptothecin Prodrugs from Dually Responsive Shell Cross-Linked Micelles. <i>Macromolecules</i> , 2013, 46, 6243-6256.	4.8	145
85	Facile Fabrication of Multistimuli-Responsive Metallo-Supramolecular Core Cross-Linked Block Copolymer Micelles. <i>Macromolecular Rapid Communications</i> , 2013, 34, 922-930.	3.9	34
86	Photo-Degradable, Protein-Polyelectrolyte Complex-Coated, Mesoporous Silica Nanoparticles for Controlled Release of Protein and Model Drugs. <i>Macromolecular Rapid Communications</i> , 2013, 34, 341-347.	3.9	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.	38.1	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.	3.9	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.	7.6	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.	3.8	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.	13.7	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.	3.5	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.	4.1	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.	3.9	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.	2.7	48
96	Highly sensitive and selective fluorometric off-on K ⁺ 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.	5.4	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.	4.8	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.	13.7	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.	13.7	156
104	Polymer Science: The Next Generation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 721-721.	3.9	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.	3.9	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.	3.5	118
107	Enzyme-responsive polymeric assemblies, nanoparticles and hydrogels. <i>Chemical Society Reviews</i> , 2012, 41, 5933.	38.1	615
108	Polymeric assemblies and nanoparticles with stimuli-responsive fluorescence emission characteristics. <i>Chemical Communications</i> , 2012, 48, 3262.	4.1	138

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109	Multifunctional pH-Disintegrable micellar nanoparticles of asymmetrically functionalized β -cyclodextrin-Based star copolymer covalently conjugated with doxorubicin and DOTA-Gd moieties. <i>Biomaterials</i> , 2012, 33, 2521-2531.	11.4	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.	13.8	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.	2.8	18
113	Analyte-Reactive Amphiphilic Thermoresponsive Diblock Copolymer Micelles-Based Multifunctional Ratiometric Fluorescent Chemosensors. <i>Macromolecules</i> , 2011, 44, 4699-4710.	4.8	98
114	SERS-Active Nanoparticles for Sensitive and Selective Detection of Cadmium Ion (Cd^{2+}). <i>Chemistry of Materials</i> , 2011, 23, 4756-4764.	6.7	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.	5.4	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.	4.8	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.	4.8	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.	3.5	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.	4.8	39
120	Thermoresponsive Core Cross-Linked Micelles for Selective Ratiometric Fluorescent Detection of Hg^{2+} Ions. <i>Langmuir</i> , 2011, 27, 4082-4090.	3.5	69
121	Thermo- and light-regulated fluorescence resonance energy transfer processes within dually responsive microgels. <i>Polymer Chemistry</i> , 2011, 2, 363-371.	3.9	87
122	Responsive Polymers-Based Dual Fluorescent Chemosensors for Zn^{2+} Ions and Temperatures Working in Purely Aqueous Media. <i>Analytical Chemistry</i> , 2011, 83, 2775-2785.	6.5	88
123	Ionic polypeptides with unusual helical stability. <i>Nature Communications</i> , 2011, 2, 206.	12.8	227
124	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. <i>Macromolecules</i> , 2011, 44, 2050-2057.	4.8	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.	6.7	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

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127	Stimuli-Triggered Off/On Switchable Complexation between a Novel Type of Charge-Generation Polymer (CGP) and Gold Nanoparticles for the Sensitive Colorimetric Detection of Hydrogen Peroxide and Glucose. <i>Macromolecules</i> , 2011, 44, 429-431.	4.8	87
128	Construction of Polymer-Protein Bioconjugates with Varying Chain Topologies: Polymer Molecular Weight and Steric Hindrance Effects. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2835-2845.	3.3	11
129	Nonlinear optical properties of nanometer-size silver coated polydiacetylene composite vesicles and resulting Langmuir-Blodgett films. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 565-575.	2.3	9
130	Supramolecular Thermoresponsive Hyperbranched Polymers Constructed from Poly(<i>N</i> -isopropylacrylamide) Containing One Adamantyl and Two Cyclodextrin Terminal Moieties. <i>Macromolecular Rapid Communications</i> , 2011, 32, 68-73.	3.9	70
131	Highly Selective Colorimetric and Fluorometric Probes for Fluoride Ions Based on Nitrobenzofurazan-containing Polymers. <i>Macromolecular Rapid Communications</i> , 2011, 32, 610-615.	3.9	27
132	pH-Disintegrable Polyelectrolyte Multilayer-Coated Mesoporous Silica Nanoparticles Exhibiting Triggered Co-Release of Cisplatin and Model Drug Molecules. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1082-1089.	3.9	62
133	Amphiphilic multiarm star block copolymer-based multifunctional unimolecular micelles for cancer targeted drug delivery and MR imaging. <i>Biomaterials</i> , 2011, 32, 6595-6605.	11.4	253
134	Facile synthesis of dendrimer-like star-branched poly(isopropylacrylamide) via combination of click chemistry and atom transfer radical polymerization. <i>Science China Chemistry</i> , 2010, 53, 2520-2527.	8.2	10
135	Reversible Three-State Switching of Multicolor Fluorescence Emission by Multiple Stimuli Modulated FRET Processes within Thermoresponsive Polymeric Micelles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5120-5124.	13.8	206
136	Contraction and Collapsing Kinetics of Single Synthetic Polymer Chains at Small Quench Depths. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2573-2584.	2.2	4
137	Fabrication of a Thermoresponsive Biohybrid Double Hydrophilic Block Copolymer by a Cofactor Reconstitution Approach. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2070-2076.	3.9	18
138	Fluorescent pH-Sensing Organic/Inorganic Hybrid Mesoporous Silica Nanoparticles with Tunable Redox-Responsive Release Capability. <i>Langmuir</i> , 2010, 26, 15574-15579.	3.5	128
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