

Shiyong Liu

List of Publications by Year in descending order

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261
papers

22,189
citations

4388

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273
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273
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273
times ranked

17968
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Enzyme-responsive polymeric assemblies, nanoparticles and hydrogels. <i>Chemical Society Reviews</i> , 2012, 41, 5933.	38.1	615
3	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
4	Responsive Polymers for Detection and Sensing Applications: Current Status and Future Developments. <i>Macromolecules</i> , 2010, 43, 8315-8330.	4.8	546
5	Pillar[6]arene-Based Photoresponsive Host-Guest Complexation. <i>Journal of the American Chemical Society</i> , 2012, 134, 8711-8717.	13.7	446
6	Synthesis of Shell Cross-Linked Micelles with pH-Responsive Cores Using ABC Triblock Copolymers. <i>Macromolecules</i> , 2002, 35, 6121-6131.	4.8	421
7	Synthesis of Well-Defined Cyclic Poly(<i>N</i> -isopropylacrylamide) via Click Chemistry and Its Unique Thermal Phase Transition Behavior. <i>Macromolecules</i> , 2007, 40, 9103-9110.	4.8	343
8	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
9	Polymeric Surfactants for the New Millennium: A pH-Responsive, Zwitterionic, Schizophrenic Diblock Copolymer. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1413-1416.	13.8	295
10	Synthesis of pH-Responsive Shell Cross-Linked Micelles and Their Use as Nanoreactors for the Preparation of Gold Nanoparticles. <i>Langmuir</i> , 2002, 18, 8350-8357.	3.5	253
11	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
12	A Schizophrenic Water-Soluble Diblock Copolymer. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2328-2331.	13.8	251
13	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
14	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
15	Responsive Supramolecular Gels Constructed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1798-1802.	13.8	239
16	A brief review of "schizophrenic" block copolymers. <i>Reactive and Functional Polymers</i> , 2006, 66, 157-165.	4.1	230
17	Ionic polypeptides with unusual helical stability. <i>Nature Communications</i> , 2011, 2, 206.	12.8	227
18	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

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19	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
20	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
21	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
22	Fabrication of Hybrid Silica Nanoparticles Densely Grafted with Thermoresponsive Poly(<i>N</i> -isopropylacrylamide) Brushes of Controlled Thickness via Surface-Initiated Atom Transfer Radical Polymerization. <i>Chemistry of Materials</i> , 2008, 20, 101-109.	6.7	208
23	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
24	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
25	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
26	Solubilization and Controlled Release of a Hydrophobic Drug Using Novel Micelle-Forming ABC Triblock Copolymers. <i>Biomacromolecules</i> , 2003, 4, 1636-1645.	5.4	194
27	The Facile One-Pot Synthesis of Shell Cross-Linked Micelles in Aqueous Solution at High Solids. <i>Journal of the American Chemical Society</i> , 2001, 123, 9910-9911.	13.7	191
28	Two-Stage Collapse of Unimolecular Micelles with Double Thermoresponsive Coronas. <i>Langmuir</i> , 2006, 22, 989-997.	3.5	179
29	Fabrication of Photoswitchable and Thermotunable Multicolor Fluorescent Hybrid Silica Nanoparticles Coated with Dye-Labeled Poly(<i>N</i> -isopropylacrylamide) Brushes. <i>Chemistry of Materials</i> , 2009, 21, 3788-3798.	6.7	169
30	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
31	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
32	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
33	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
34	Stimuli-Responsive Double Hydrophilic Block Copolymer Micelles with Switchable Catalytic Activity. <i>Macromolecules</i> , 2007, 40, 3538-3546.	4.8	153
35	One-Pot Synthesis of Amphiphilic Polymeric Janus Particles and Their Self-Assembly into Supermicelles with a Narrow Size Distribution. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6321-6324.	13.8	153
36	High-Efficiency Preparation of Macrocylic Diblock Copolymers via Selective Click Reaction in Micellar Media. <i>Journal of the American Chemical Society</i> , 2009, 131, 1628-1629.	13.7	152

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37	A General Strategy To Construct Fluorogenic Probes from Charge-Generation Polymers (CGPs) and AIE-Active Fluorogens through Triggered Complexation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 455-459.	13.8	150
38	Photo-Triggered Release of Caged Camptothecin Prodrugs from Dually Responsive Shell Cross-Linked Micelles. <i>Macromolecules</i> , 2013, 46, 6243-6256.	4.8	145
39	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
40	Polymeric assemblies and nanoparticles with stimuli-responsive fluorescence emission characteristics. <i>Chemical Communications</i> , 2012, 48, 3262.	4.1	138
41	Synthesis and Aqueous Solution Behavior of a pH-Responsive Schizophrenic Diblock Copolymer. <i>Langmuir</i> , 2003, 19, 4432-4438.	3.5	137
42	"Schizophrenic" Micellization Associated with Coil-to-Helix Transitions Based on Polypeptide Hybrid Double Hydrophilic Rod-Coil Diblock Copolymer. <i>Biomacromolecules</i> , 2007, 8, 3871-3878.	5.4	135
43	Fabrication of Multiresponsive Shell Cross-Linked Micelles Possessing pH-Controllable Core Swellability and Thermo-Tunable Corona Permeability. <i>Biomacromolecules</i> , 2007, 8, 3184-3192.	5.4	134
44	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
45	Concurrent Drug Unplugging and Permeabilization of Polyprodrug-Gated Crosslinked Vesicles for Cancer Combination Chemotherapy. <i>Advanced Materials</i> , 2018, 30, e1706307.	21.0	127
46	Phase Transition Behavior of Unimolecular Micelles with Thermoresponsive Poly(N-isopropylacrylamide) Coronas. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9132-9139.	2.6	126
47	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
48	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
49	Facile Preparation of Well-Defined AB ₂ Y-Shaped Miktoarm Star Polypeptide Copolymer via the Combination of Ring-Opening Polymerization and Click Chemistry. <i>Biomacromolecules</i> , 2008, 9, 2586-2593.	5.4	123
50	Facile Fabrication of Reversible Core Cross-Linked Micelles Possessing Thermosensitive Swellability. <i>Macromolecules</i> , 2007, 40, 9125-9132.	4.8	121
51	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
52	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915.	5.9	117
53	Preparation of Shell Cross-Linked Micelles by Polyelectrolyte Complexation. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1389-1392.	13.8	116
54	Synthesis and "Schizophrenic" Micellization of Double Hydrophilic AB ₄ Miktoarm Star and AB Diblock Copolymers: Structure and Kinetics of Micellization. <i>Langmuir</i> , 2007, 23, 1114-1122.	3.5	116

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55	Synthesis of Organic/Inorganic Hybrid Quatrefoil-Shaped Star-Cyclic Polymer Containing a Polyhedral Oligomeric Silsesquioxane Core. <i>Macromolecules</i> , 2009, 42, 2903-2910.	4.8	116
56	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
57	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
58	UV Irradiation-Induced Shell Cross-Linked Micelles with pH-Responsive Cores Using ABC Triblock Copolymers. <i>Macromolecules</i> , 2006, 39, 5987-5994.	4.8	113
59	Comparative Study of Temperature-Induced Association of Cyclic and Linear Poly(<i>N</i> -isopropylacrylamide) Chains in Dilute Solutions by Laser Light Scattering and Stopped-Flow Temperature Jump. <i>Macromolecules</i> , 2008, 41, 4416-4422.	4.8	110
60	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
61	Polyion Complex Micelles Possessing Thermo-responsive Coronas and Their Covalent Core Stabilization via Click Chemistry. <i>Macromolecules</i> , 2008, 41, 1444-1454.	4.8	105
62	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. <i>Macromolecules</i> , 2011, 44, 2050-2057.	4.8	105
63	Thermo-Induced Formation of Unimolecular and Multimolecular Micelles from Novel Double Hydrophilic Multiblock Copolymers of <i>N</i> -Dimethylacrylamide and <i>N</i> -Isopropylacrylamide. <i>Langmuir</i> , 2007, 23, 13076-13084.	3.5	104
64	Facile preparation of core-crosslinked micelles from azide-containing thermo-responsive double hydrophilic diblock copolymer via click chemistry. <i>Journal of Polymer Science Part A</i> , 2008, 46, 860-871.	2.3	104
65	Acid-Disintegratable Polymersomes of pH-Responsive Amphiphilic Diblock Copolymers for Intracellular Drug Delivery. <i>Macromolecules</i> , 2015, 48, 7262-7272.	4.8	104
66	Synthesis and Self-Assembly of Coil-Rod Double Hydrophilic Diblock Copolymer with Dually Responsive Asymmetric Centipede-Shaped Polymer Brush as the Rod Segment. <i>Macromolecules</i> , 2009, 42, 2916-2924.	4.8	103
67	A mechanistic investigation of mechanochromic luminescent organoboron materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 17332.	6.7	103
68	Double Hydrophilic Block Copolymer Monolayer Protected Hybrid Gold Nanoparticles and Their Shell Cross-Linking. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22159-22166.	2.6	102
69	Supramolecular Self-Assembly of Nonlinear Amphiphilic and Double Hydrophilic Block Copolymers in Aqueous Solutions. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1523-1532.	3.9	101
70	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
71	In-Situ Formation of Silver Nanoparticles with Tunable Spatial Distribution at the Poly(<i>N</i> -isopropylacrylamide) Corona of Unimolecular Micelles. <i>Macromolecules</i> , 2006, 39, 8451-8455.	4.8	98
72	Analyte-Reactive Amphiphilic Thermo-responsive Diblock Copolymer Micelles-Based Multifunctional Ratiometric Fluorescent Chemosensors. <i>Macromolecules</i> , 2011, 44, 4699-4710.	4.8	98

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73	Synthesis of well-defined 7 th and 21 st arm poly(<i>N</i> -isopropylacrylamide) star polymers with β -cyclodextrin cores via click chemistry and their thermal phase transition behavior in aqueous solution. <i>Journal of Polymer Science Part A</i> , 2009, 47, 404-419.	2.3	97
74	Syntheses and self-assembly of poly(benzyl ether)- <i>b</i> -poly(<i>N</i> -isopropylacrylamide) dendritic-linear diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1357-1371.	2.3	95
75	Recent advances in the synthesis of polymeric surfactants. <i>Current Opinion in Colloid and Interface Science</i> , 2001, 6, 249-256.	7.4	94
76	Hg ²⁺ -Reactive Double Hydrophilic Block Copolymer Assemblies as Novel Multifunctional Fluorescent Probes with Improved Performance. <i>Langmuir</i> , 2010, 26, 724-729.	3.5	94
77	Purely Salt-Responsive Micelle Formation and Inversion Based on a Novel Schizophrenic Sulfobetaine Block Copolymer: Structure and Kinetics of Micellization. <i>Langmuir</i> , 2007, 23, 11866-11874.	3.5	93
78	pH-Responsive Supramolecular Self-Assembly of Well-Defined Zwitterionic ABC Miktoarm Star Terpolymers. <i>Langmuir</i> , 2009, 25, 4724-4734.	3.5	93
79	Anti-inflammatory polymersomes of redox-responsive polyprodrug amphiphiles with inflammation-triggered indomethacin release characteristics. <i>Biomaterials</i> , 2018, 178, 608-619.	11.4	93
80	Multi-Responsive Supramolecular Double Hydrophilic Diblock Copolymer Driven by Host-Guest Inclusion Complexation between β -Cyclodextrin and Adamantyl Moieties. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 2125-2137.	2.2	90
81	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
82	Thermo- and light-regulated fluorescence resonance energy transfer processes within dually responsive microgels. <i>Polymer Chemistry</i> , 2011, 2, 363-371.	3.9	87
83	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
84	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
85	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
86	First Observation of Two-Stage Collapsing Kinetics of a Single Synthetic Polymer Chain. <i>Physical Review Letters</i> , 2006, 96, 027802.	7.8	86
87	Facile Preparation of Glyconanoparticles and Their Bioconjugation to Streptavidin. <i>Langmuir</i> , 2007, 23, 5056-5061.	3.5	85
88	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
89	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
90	Fabrication of Hybrid Nanoparticles with Thermoresponsive Coronas via a Self-Assembling Approach. <i>Macromolecules</i> , 2005, 38, 9813-9820.	4.8	82

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91	Single-Step in Situ Preparation of Polymer-Grafted Multi-Walled Carbon Nanotube Composites under ^{60}Co γ -Ray Irradiation. <i>Chemistry of Materials</i> , 2006, 18, 2929-2934.	6.7	82
92	Reversible Addition-Fragmentation Chain Transfer Polymerization in Microemulsion. <i>Macromolecules</i> , 2006, 39, 4345-4350.	4.8	82
93	Responsive nanogel-based dual fluorescent sensors for temperature and Hg^{2+} ions with enhanced detection sensitivity. <i>Journal of Materials Chemistry</i> , 2010, 20, 10716.	6.7	82
94	Block-Copolymer-Free Strategy for Preparing Micelles and Hollow Spheres: Self-Assembly of Poly(4-vinylpyridine) and Modified Polystyrene. <i>Macromolecules</i> , 2002, 35, 5980-5989.	4.8	81
95	Synthesis and Micellization Properties of Double Hydrophilic A2BA2 and A4BA4 Non-Linear Block Copolymers. <i>Macromolecules</i> , 2006, 39, 8178-8185.	4.8	80
96	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
97	Fabrication of Two Types of Shell-Cross-Linked Micelles with Inverted Structures in Aqueous Solution from Schizophrenic Water-Soluble ABC Triblock Copolymer via Click Chemistry. <i>Langmuir</i> , 2009, 25, 2046-2054.	3.5	78
98	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
99	Reversible Fluorescence Switching of Spiropyran-Conjugated Biodegradable Nanoparticles for Super-Resolution Fluorescence Imaging. <i>Macromolecules</i> , 2014, 47, 1543-1552.	4.8	75
100	Polyion complex micellar nanoparticles for integrated fluorometric detection and bacteria inhibition in aqueous media. <i>Biomaterials</i> , 2014, 35, 1618-1626.	11.4	75
101	Metal-Chelating and Dansyl-Labeled Poly(<i>N</i> -isopropylacrylamide) Microgels as Fluorescent Cu^{2+} Sensors with Thermo-Enhanced Detection Sensitivity. <i>Langmuir</i> , 2009, 25, 11367-11374.	3.5	74
102	Micelle Formation and Inversion Kinetics of a Schizophrenic Diblock Copolymer. <i>Macromolecules</i> , 2006, 39, 7378-7385.	4.8	73
103	FRET-Derived Ratiometric Fluorescent K^{+} Sensors Fabricated from Thermoresponsive Poly(<i>N</i> -isopropylacrylamide) Microgels Labeled with Crown Ether Moieties. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12213-12220.	2.6	73
104	Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8896-8900.	13.8	72
105	pH-Induced Micellization Kinetics of ABC Triblock Copolymers Measured by Stopped-Flow Light Scattering. <i>Macromolecules</i> , 2005, 38, 9803-9812.	4.8	70
106	Supramolecular Thermoresponsive Hyperbranched Polymers Constructed from Poly(<i>N</i> -isopropylacrylamide) Containing One Adamantyl and Two β -Cyclodextrin Terminal Moieties. <i>Macromolecular Rapid Communications</i> , 2011, 32, 68-73.	3.9	70
107	Monodisperse Protein Stabilized Gold Nanoparticles via a Simple Photochemical Process. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12282-12290.	3.1	69
108	Synthesis and supramolecular self-assembly of stimuli-responsive water-soluble Janus-type heteroarm star copolymers. <i>Soft Matter</i> , 2009, 5, 3932.	2.7	69

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109	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
110	Thermoresponsive Core Cross-Linked Micelles for Selective Ratiometric Fluorescent Detection of Hg ²⁺ Ions. <i>Langmuir</i> , 2011, 27, 4082-4090.	3.5	69
111	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
112	Polymeric nanocarriers possessing thermoresponsive coronas. <i>Soft Matter</i> , 2008, 4, 1745.	2.7	68
113	Aldehyde Surface-Functionalized Shell Cross-Linked Micelles with pH-Tunable Core Swellability and Their Bioconjugation with Lysozyme. <i>Macromolecules</i> , 2007, 40, 9074-9083.	4.8	66
114	Thermosensitive Unimolecular Micelles Surface-Decorated with Gold Nanoparticles of Tunable Spatial Distribution. <i>Chemistry of Materials</i> , 2007, 19, 2489-2494.	6.7	65
115	Synthesis and Aggregation Behavior of Multi-Responsive Double Hydrophilic ABC Miktoarm Star Terpolymer. <i>Macromolecular Rapid Communications</i> , 2009, 30, 941-947.	3.9	65
116	Degradable Thermoresponsive Core Cross-Linked Micelles: Fabrication, Surface Functionalization, and Biorecognition. <i>Langmuir</i> , 2009, 25, 13344-13350.	3.5	65
117	Noncovalently Connected Polymeric Micelles Based on a Homopolymer Pair in Solutions. <i>Macromolecules</i> , 2001, 34, 7172-7178.	4.8	63
118	Cationic Glyconanoparticles: Their Complexation with DNA, Cellular Uptake, and Transfection Efficiencies. <i>Bioconjugate Chemistry</i> , 2009, 20, 2169-2176.	3.6	63
119	A "Holy Trinity" of Micellar Aggregates in Aqueous Solution at Ambient Temperature: Unprecedented Self-Assembly Behavior from a Binary Mixture of a Neutral-Cationic Diblock Copolymer and an Anionic Polyelectrolyte. <i>Macromolecules</i> , 2003, 36, 9994-9998.	4.8	62
120	One-pot synthesis of ABC miktoarm star terpolymers by coupling ATRP, ROP, and click chemistry techniques. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3066-3077.	2.3	62
121	Synthesis of amphiphilic and thermoresponsive ABC miktoarm star terpolymer via a combination of consecutive click reactions and atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4001-4013.	2.3	62
122	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
123	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
124	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
125	Micelles possessing mixed cores and thermoresponsive shells fabricated from well-defined amphiphilic ABC miktoarm star terpolymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1636-1650.	2.3	59
126	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

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127	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
128	Soluble graft-like complexes based on poly(4-vinyl pyridine) and carboxy-terminated polystyrene oligomers due to hydrogen bonding. <i>Polymer</i> , 1999, 40, 5449-5453.	3.8	56
129	Synthesis of amphiphilic copolymer brushes possessing alternating poly(methyl methacrylate) and poly(<i>N</i> -isopropylacrylamide) grafts via a combination of ATRP and click chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2608-2619.	2.3	56
130	Regulating vesicle bilayer permeability and selectivity via stimuli-triggered polymersome-to-PICs transition. <i>Nature Communications</i> , 2020, 11, 1524.	12.8	56
131	Syntheses and micellar properties of well-defined amphiphilic AB ₂ and A ₂ B Y-shaped miktoarm star copolymers of ϵ -caprolactone and 2-(dimethylamino)ethyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1446-1462.	2.3	55
132	Synthesis and properties of silsesquioxane-based hybrid urethane acrylate applied to UV-curable flame-retardant coatings. <i>Progress in Organic Coatings</i> , 2009, 65, 1-9.	3.9	54
133	Photo- and Reduction-Responsive Polymersomes for Programmed Release of Small and Macromolecular Payloads. <i>Biomacromolecules</i> , 2018, 19, 2071-2081.	5.4	54
134	Disulfide-Based Self-Immolative Linkers and Functional Bioconjugates for Biological Applications. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900531.	3.9	54
135	Emerging trends in solution self-assembly of block copolymers. <i>Polymer</i> , 2020, 207, 122914.	3.8	54
136	Interpolymer Hydrogen-Bonding Complexation Induced Micellization from Polystyrene- <i>b</i> -poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 112 Td (hydroxyisopropyl- \hat{I} -m	3.5	53
137	Click-Together Azobenzene Dendrons: Synthesis and Characterization. <i>Macromolecules</i> , 2008, 41, 2421-2425.	4.8	53
138	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
139	pH-Induced Deswelling Kinetics of Sterically Stabilized Poly(2-vinylpyridine) Microgels Probed by Stopped-Flow Light Scattering. <i>Langmuir</i> , 2008, 24, 9334-9340.	3.5	51
140	Click Coupling Fullerene onto Thermoresponsive Water-Soluble Diblock Copolymer and Homopolymer Chains at Defined Positions. <i>Macromolecules</i> , 2009, 42, 5007-5016.	4.8	51
141	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
142	Enhancing Detection Sensitivity of Responsive Microgel-Based Cu(II) Chemosensors via Thermo-Induced Volume Phase Transitions. <i>Chemistry of Materials</i> , 2009, 21, 3439-3446.	6.7	50
143	Surface Characterization of Poly(styrene-co- <i>p</i> -hexafluoro-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (hydroxyisopropyl- \hat{I} -m Immiscibility \hat{I} Miscibility \hat{I} Complexation Transition by XPS, ToF-SIMS, and AFM. <i>Macromolecules</i> , 2002, 35, 5623-5629.	4.8	48
144	Multifunctional Conjugates To Prepare Nucleolar-Targeting CdS Quantum Dots. <i>Journal of the American Chemical Society</i> , 2010, 132, 8627-8634.	13.7	48

#	ARTICLE	IF	CITATIONS
145	Unique Thermo-Induced Sequential Gel~Sol~Gel Transition of Responsive Multiblock Copolymer-Based Hydrogels. <i>Macromolecules</i> , 2010, 43, 5184-5187.	4.8	48
146	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
147	Direct Verification of the Core~Shell Structure of Shell Cross-Linked Micelles in the Solid State Using X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2002, 18, 7780-7784.	3.5	47
148	Facile synthesis of dumbbell-shaped dendritic-linear-dendritic triblock copolymer via reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1432-1445.	2.3	47
149	Reactive Oxygen, Nitrogen, and Sulfur Species (RONSS)~Responsive Polymersomes for Triggered Drug Release. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600685.	3.9	47
150	Modulating intracellular oxidative stress via engineered nanotherapeutics. <i>Journal of Controlled Release</i> , 2020, 319, 333-343.	9.9	47
151	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
152	Distinct Morphological Transitions of Photoreactive and Thermo-responsive Vesicles for Controlled Release and Nanoreactors. <i>Macromolecules</i> , 2016, 49, 8282-8295.	4.8	46
153	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
154	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
155	Micellization Kinetics of a Novel Multi~Responsive Double Hydrophilic Diblock Copolymer Studied by Stopped~Flow pH and Temperature Jump. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2492-2501.	2.2	43
156	CNT templated regioselective enzymatic polymerization of phenol in water and modification of surface of MWNT thereby. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1627-1635.	2.3	43
157	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
158	Enzyme~Responsive Polymeric Vesicles for Bacterial~Strain~Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie</i> , 2016, 128, 1792-1796.	2.0	43
159	Intermacromolecular complexes due to specific interactions. 12. Graft-like hydrogen bonding complexes based on pyridyl-containing polymers and end-functionalized polystyrene oligomers. <i>Polymer</i> , 2000, 41, 6919-6929.	3.8	41
160	Polymerization of Wormlike Micelles Induced by Hydrotropic Salt. <i>Macromolecules</i> , 2005, 38, 2482-2491.	4.8	41
161	Kinetics of pH-Induced Formation and Dissociation of Polymeric Vesicles Assembled from a Water-Soluble Zwitterionic Diblock Copolymer. <i>Langmuir</i> , 2008, 24, 10019-10025.	3.5	41
162	Macrocyclic-Terminated Core-Cross-Linked Star Polymers: Synthesis and Characterization. <i>Macromolecules</i> , 2009, 42, 6457-6462.	4.8	40

#	ARTICLE	IF	CITATIONS
163	Covalently stabilized temperature and pH responsive four-layer nanoparticles fabricated from surface "clickable"™ shell cross-linked micelles. <i>Soft Matter</i> , 2009, 5, 1530.	2.7	40
164	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
165	Structural Fixation of Spontaneous Vesicles in Aqueous Mixtures of Polymerizable Anionic and Cationic Surfactants. <i>Langmuir</i> , 2003, 19, 10732-10738.	3.5	39
166	Polymerization of Anionic Wormlike Micelles. <i>Langmuir</i> , 2006, 22, 949-955.	3.5	39
167	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
168	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
169	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
170	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
171	Effect of Salt on the Micellization Kinetics of pH-Responsive ABC Triblock Copolymers. <i>Macromolecules</i> , 2007, 40, 6393-6400.	4.8	37
172	Chain-Length Dependence of Diblock Copolymer Micellization Kinetics Studied by Stopped-Flow pH-Jump. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11284-11291.	2.6	36
173	A Scalable "junction Substrate" to Engineer Robust DNA Circuits. <i>Journal of the American Chemical Society</i> , 2018, 140, 9979-9985.	13.7	36
174	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
175	Kinetic modeling of controlled living microemulsion polymerizations that use reversible addition-fragmentation chain transfer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6055-6070.	2.3	34
176	Gold nanoparticle-incorporated core and shell crosslinked micelles fabricated from thermoresponsive block copolymer of <i>N</i> -isopropylacrylamide and a novel primary amine containing monomer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6518-6531.	2.3	34
177	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
178	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
179	Photo-Degradable, Protein-Coated, Mesoporous Silica Nanoparticles for Controlled Co-Release of Protein and Model Drugs. <i>Macromolecular Rapid Communications</i> , 2013, 34, 341-347.	3.9	33
180	Engineering Cross-Linkable Plasmonic Vesicles for Synergistic Chemo-Photothermal Therapy Using Orthogonal Light Irradiation. <i>Macromolecules</i> , 2018, 51, 8530-8538.	4.8	33

#	ARTICLE	IF	CITATIONS
181	Intermacromolecular complexes due to specific interactions. 13. Formation of micelle-like structure from hydrogen-bonding graft-like complexes in selective solvents. <i>Polymer</i> , 2000, 41, 8697-8702.	3.8	32
182	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
183	Facile fabrication of hybrid nanoparticles surface grafted with multi-responsive polymer brushes via block copolymer micellization and self-catalyzed core gelation. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2379-2389.	2.3	31
184	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
185	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
186	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
187	Spatiotemporal Monitoring Endocytic and Cytosolic pH Gradients with Endosomal Escaping pH-Responsive Micellar Nanocarriers. <i>Biomacromolecules</i> , 2014, 15, 4293-4301.	5.4	28
188	Sequence-Defined Synthetic Polymers for New-Generation Functional Biomaterials. , 2021, 3, 1339-1356.		28
189	Surface segregation in polymer blends and interpolymer complexes with increasing hydrogen bonding interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1924-1930.	2.1	27
190	A Stopped-Flow Kinetic Study of the Assembly of Interpolymer Complexes via Hydrogen-Bonding Interactions. <i>Macromolecules</i> , 2006, 39, 4517-4525.	4.8	27
191	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
192	Polyplex Micelles with Thermo-responsive Heterogeneous Coronas for Prolonged Blood Retention and Promoted Gene Transfection. <i>Biomacromolecules</i> , 2014, 15, 2914-2923.	5.4	27
193	Fabrication of Fullerene-Containing Hybrid Vesicles via Supramolecular Self-Assembly of a Well-Defined Amphiphilic Block Copolymer Incorporated with a Single C ₆₀ Moiety at the Diblock Junction Point. <i>Macromolecular Rapid Communications</i> , 2008, 29, 340-346.	3.9	26
194	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
195	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
196	Self-Assembly of Narrowly Distributed Carboxy-Terminated Linear Polystyrene Chains in Water via Microphase Inversion. <i>Macromolecules</i> , 2000, 33, 8640-8643.	4.8	24
197	Conosolvency-Induced Micellization of Pyrene End-Labeled Diblock Copolymers of N-Isopropylacrylamide and Oligo(ethylene glycol) Methyl Ether Methacrylate. <i>Langmuir</i> , 2007, 23, 11857-11865.	3.5	24
198	Probing the Micellization Kinetics of Pyrene End-Labeled Diblock Copolymer via a Combination of Stopped-Flow Light-Scattering and Fluorescence Techniques. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12111-12118.	2.6	24

#	ARTICLE	IF	CITATIONS
199	Stopped-flow kinetic studies of sphere-to-rod transitions of sodium alkyl sulfate micelles induced by hydrotropic salt. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 796-802.	9.4	24
200	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
201	Doubly Caged Linker for AND- ϵ -Type Fluorogenic Construction of Protein/Antibody Bioconjugates and In Situ Quantification. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8686-8691.	13.8	24
202	Surface Studies of Polymers with a Well-Defined Segmental Length by ToF-SIMS and XPS. Relationship between the Surface Chemical Composition and Segmental Length. <i>Macromolecules</i> , 2000, 33, 8002-8005.	4.8	23
203	Oxygen-tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
204	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
205	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
206	Recent advances on stimuli-responsive macromolecular magnetic resonance imaging (MRI) contrast agents. <i>Science China Chemistry</i> , 2018, 61, 1110-1122.	8.2	22
207	Elimination of Surface Enrichment in Polymer Blends via Interpolymer Complexation. <i>Macromolecules</i> , 2001, 34, 3802-3804.	4.8	21
208	Topological effects of macrocyclic polymers: from precise synthesis to biomedical applications. <i>Science China Chemistry</i> , 2017, 60, 1153-1161.	8.2	21
209	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
210	Synthesis and characterization of block-graft copolymers composed of poly(styrene- <i>b</i> -ethylene-co-propylene) and poly(ethyl methacrylate) by atom transfer radical polymerization. , 1999, 37, 2699-2702.		20
211	Doubly Caged Linker for AND- ϵ -Type Fluorogenic Construction of Protein/Antibody Bioconjugates and In Situ Quantification. <i>Angewandte Chemie</i> , 2017, 129, 8812-8817.	2.0	20
212	Micelle-like particles formed by carboxylic acid-terminated polystyrene and poly(4-vinyl pyridine) in chloroform/methanol mixed solution. <i>Polymer</i> , 2000, 41, 2705-2709.	3.8	19
213	Quantitative surface characterization of poly(styrene)/poly(4-vinyl phenol) random and block copolymers by ToF-SIMS and XPS. <i>Surface and Interface Analysis</i> , 2001, 31, 745-753.	1.8	19
214	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
215	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
216	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

#	ARTICLE	IF	CITATIONS
217	Cytoplasmic Reactive Cationic Amphiphiles for Efficient Intracellular Delivery and Self-Reporting Smart Release. <i>Macromolecules</i> , 2015, 48, 5959-5968.	4.8	18
218	Surface characterization of poly(styrene-co-p-hexafluorohydroxyisopropyl- β -methyl styrene) copolymers by ToF-SIMS, XPS and contact angle measurements. <i>Surface and Interface Analysis</i> , 2000, 29, 500-507.	1.8	17
219	Stabilization of Catanionic Vesicles via Polymerization. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16309-16317.	2.6	16
220	Conosolvency-induced micellization kinetics of pyrene end-labeled diblock copolymer of N-isopropylacrylamide and oligo(ethylene glycol) methyl ether methacrylate studied by stopped-flow light-scattering and fluorescence. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 196-202.	9.4	16
221	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
222	Combined X-ray Photoelectron Spectroscopy and Time-of-Flight Secondary Ion MS Surface Quantitative Analysis of Polymer Blends with Varying Mixing Thermodynamics. <i>Analytical Chemistry</i> , 2004, 76, 5165-5171.	6.5	15
223	pH-Switchable Complexation between Double Hydrophilic Heteroarm Star Copolymers and a Cationic Block Polyelectrolyte. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 754-763.	2.2	15
224	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
225	Interpolymer complexes comprising block copolymers due to specific interactions. <i>Materials Science and Engineering C</i> , 1999, 10, 155-158.	7.3	14
226	ToF-SIMS study of the surface morphology of blends of polystyrene and poly(N-vinyl-2-pyrrolidone) compatibilized by poly(styrene-co-4-vinylphenol). <i>Surface and Interface Analysis</i> , 2001, 31, 421-428.	1.8	14
227	Surface quantitative characterization of poly(styrene-co-4-vinyl phenol)/poly(styrene-co-4-vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.3	13
228	Hyperbranched Polymer-Assisted Hydrothermal In situ Synthesis of Submicrometer Silver Tubes. <i>Crystal Growth and Design</i> , 2008, 8, 2982-2985.	3.0	13
229	Photodegradable Neutral Cationic Brush Block Copolymers for Nonviral Gene Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2148-2155.	3.3	13
230	Synthesis of low polydispersity poly(N-ethylmethacrylamide) by controlled radical polymerizations and their thermal phase transition behavior. <i>Journal of Polymer Science Part A</i> , 2008, 46, 60-69.	2.3	12
231	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
232	Orchestrating Nitric Oxide and Carbon Monoxide Signaling Molecules for Synergistic Treatment of MRSA Infections. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	12
233	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
234	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

#	ARTICLE	IF	CITATIONS
235	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
236	Construction of Polyelectrolyte-Responsive Microgels, and Polyelectrolyte Concentration and Chain Length-Dependent Adsorption Kinetics. <i>Langmuir</i> , 2014, 30, 9551-9559.	3.5	10
237	Transforming spherical block polyelectrolyte micelles into free-suspending films via DNA complexation-induced structural anisotropy. <i>Chemical Communications</i> , 2010, 46, 6135.	4.1	9
238	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
239	Fabrication of pH- and Thermoresponsive Three-Layered Micelles via Host-Guest Interactions. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700225.	3.9	9
240	Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, 16484-16505.	3.3	9
241	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
242	Reduction-Triggered Transformation of Disulfide-Containing Micelles at Chemically Tunable Rates. <i>Angewandte Chemie</i> , 2018, 130, 9034-9038.	2.0	8
243	A General Strategy toward Synthesis of Well-Defined Polypeptides with Complex Chain Topologies. <i>CCS Chemistry</i> , 2022, 4, 3864-3877.	7.8	7
244	Alkaline protease production by immobilized growing cells of <i>Serratia marcescens</i> with interpolymer complexes of P(TM-co-AAm)/PAA. <i>Journal of Applied Polymer Science</i> , 2002, 84, 178-183.	2.6	6
245	Synthesis of Polypeptides with High-Fidelity Terminal Functionalities under NCA Monomer-Starved Conditions. <i>Research</i> , 2021, 2021, 9826046.	5.7	6
246	Nitric-Oxide-Releasing aza-BODIPY: A New Near-Infrared J-Aggregate with Multiple Antibacterial Modalities. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
247	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
248	Next-Generation Nonviral Vectors for mRNA Vaccine Delivery. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	5
249	Effect of core structure on the fluorescence properties of hyperbranched poly(phenylene sulfide). <i>Journal of Applied Polymer Science</i> , 2008, 107, 1857-1864.	2.6	4
250	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
251	Best Practices for New Polymers and Nanoparticulate Systems. <i>Chemistry of Materials</i> , 2018, 30, 6587-6588.	6.7	4
252	Polymer Science: The Next Generation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 721-721.	3.9	3

#	ARTICLE	IF	CITATIONS
253	Charge-conversional polyprodrug amphiphiles for intracellular dual-responsive drug delivery. <i>Journal of Controlled Release</i> , 2017, 259, e144.	9.9	3
254	Digital dendrimer: a new horizon of information-containing polymers. <i>Science China Chemistry</i> , 2019, 62, 925-926.	8.2	3
255	Autonomous Self-Healing to Combat Insulation Failure. <i>Matter</i> , 2020, 2, 288-289.	10.0	3
256	Immobilization of chymotrypsin with interpolymer complexes of P(TM-co-AAm)/PAA. <i>Journal of Applied Polymer Science</i> , 2001, 81, 12013-12018.	2.6	2
257	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
258	Designing self-propagating polymers with ultrasensitivity through feedback signal amplification. <i>Polymer Chemistry</i> , 2021, 12, 6230-6241.	3.9	2
259	Oxygen-tolerant Photoredox Catalysis Triggers Nitric Oxide Release for Antibacterial Applications. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
260	Synthesis and micellization behavior of stimuli-responsive polypeptide hybrid triblock copolymer. <i>Science Bulletin</i> , 2009, 54, 1912-1917.	9.0	1
261	Frontispiece: Emerging Applications of Fluorogenic and Non-fluorogenic Bifunctional Linkers. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0