

# Self-assembly of block copolymers

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Fluctuations effects in diblock copolymer fluids: Comparison of theories and experiment. Journal of Chemical Physics, 1997, 106, 7391-7410.	1.2	50
4	Phase Behavior of Ternary Homopolymer/Diblock Blends: Influence of Relative Chain Lengths. Macromolecules, 1997, 30, 137-144.	2.2	88
5	Morphologies of microphase-separated conformationally asymmetric diblock copolymers. , 1998, 35, 2629-2643.		14
6	Self-assembly of polysoaps. Current Opinion in Colloid and Interface Science, 1998, 3, 415-421.	3.4	44
7	Triblock Copolymer Syntheses of Mesoporous Silica with Periodic 50 to 300 Angstrom Pores. Science, 1998, 279, 548-552.	6.0	10,937
8	Theory of Secondary Domain Structures in Disordered Multiblock Copolymers. Macromolecules, 1998, 31, 9058-9071.	2.2	11
9	Complex Phase Behavior in Aqueous Solutions of Poly(ethylene oxide)-Poly(ethylene) Block Copolymers. Journal of Physical Chemistry B, 1998, 102, 4269-4276.	1.2	103
10	Dynamic simulation of diblock copolymer microphase separation. Journal of Chemical Physics, 1998, 108, 8713-8724.	1.2	819
11	Multiple Morphologies Formed from an Amphiphilic ABC Triblock Copolymer in Solution. Macromolecules, 1998, 31, 5546-5549.	2.2	147
12	Self-consistent-field theories for complex fluids. Journal of Physics Condensed Matter, 1998, 10, 8105-8138.	0.7	190
13	Phase Transitions of Polymer Blends and Block Copolymer Melts in Thin Films. Advances in Polymer Science, 1999, , 1-89.	0.4	126
14	Combinatorial Screening of Complex Block Copolymer Assembly with Self-Consistent Field Theory. Physical Review Letters, 1999, 83, 4317-4320.	2.9	501
15	Monte Carlo simulation of block copolymers. Current Opinion in Colloid and Interface Science, 2000, 5, 314-322.	3.4	83
16	Stabilizing grafted colloids in a polymer melt: Favorable enthalpic interactions. Physical Review E, 2000, 62, R41-R44.	0.8	63
17	Structural Polymorphism of Amphiphilic Block Copolymers in Mixtures with Water and Oil: Comparison with Solvent-Free Block Copolymers and Surfactant Systems. , 2000, , 169-190.		13
18	SELF-ASSEMBLED CERAMICS PRODUCED BY COMPLEX-FLUID TEMPLATING. Annual Review of Physical Chemistry, 2000, 51, 601-622.	4.8	108
19	Self-Assembly of Block Copolymers in Selective Solvents: Influence of Relative Block Size on Phase Behavior. Langmuir, 2000, 16, 6839-6846.	1.6	66
20	A Molecular Modeling Study of Binary Blend Compatibility of Polyamide 6 and Poly(vinyl acetate) with Different Degrees of Hydrolysis: An Atomistic and Mesoscopic Approach. Macromolecules, 2001, 34, 5306-5316.	2.2	97

#	ARTICLE	IF	CITATIONS
21	Optimizing Chain Bridging in Complex Block Copolymers. <i>Macromolecules</i> , 2001, 34, 5317-5324.	2.2	170
22	Electromechanical Limits of Polymersomes. <i>Physical Review Letters</i> , 2001, 87, 208301.	2.9	129
23	Dynamics and rheology of inhomogeneous polymeric fluids: A complex Langevin approach. <i>Journal of Chemical Physics</i> , 2002, 117, 6810-6820.	1.2	63
25	Field-Theoretic Computer Simulation Methods for Polymers and Complex Fluids. <i>Macromolecules</i> , 2002, 35, 16-39.	2.2	639
26	Phase Behavior and Microdomain Structure in Perfluorosulfonated Ionomers via Self-Consistent Mean Field Theory. <i>Macromolecules</i> , 2002, 35, 5630-5639.	2.2	16
27	Block Copolymers: ABC and Higher Order. , 2002, , 1-6.		1
28	Scattering Patterns of Multiply Continuous Cubic Phases in Block Copolymers. I. The Model. <i>Macromolecules</i> , 2003, 36, 9181-9190.	2.2	14
29	Theory of Polydisperse Inhomogeneous Polymers. <i>Macromolecules</i> , 2003, 36, 5415-5423.	2.2	48
30	Phase Behavior and Microstructure of Poly(oxyethylene)- <i>b</i> -Poly(dimethylsiloxane) Copolymer Melt. <i>Macromolecules</i> , 2003, 36, 1261-1271.	2.2	36
31	Quenched and annealed disorder in randomly grafted copolymer melts. <i>Physical Review E</i> , 2003, 68, 051802.	0.8	20
32	Response of the bicontinuous cubic D phase in amphiphilic systems to compression or expansion. <i>Journal of Chemical Physics</i> , 2003, 119, 6217-6231.	1.2	13
34	Morphologies of block copolymer melts. <i>Current Opinion in Solid State and Materials Science</i> , 2004, 8, 426-438.	5.6	74
35	Numerical Solution of Polymer Self-Consistent Field Theory. <i>Multiscale Modeling and Simulation</i> , 2004, 2, 452-474.	0.6	156
36	Synthesis of rod-coil diblock copolymers by ATRP and their honeycomb morphologies formed by the "breath figures" method. <i>Polymer</i> , 2005, 46, 9304-9313.	1.8	35
37	Effect of polydispersity on the tensile modulus of diblock copolymers in a lamellar phase. <i>Journal of Chemical Physics</i> , 2005, 123, 124906.	1.2	12
38	Aggregate Morphologies of Amphiphilic ABC Triblock Copolymer in Dilute Solution Using Self-Consistent Field Theory. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17120-17127.	1.2	57
39	Some features of soft matter systems. <i>Soft Matter</i> , 2005, 1, 329.	1.2	33
40	Aggregates in Solution of Binary Mixtures of Amphiphilic Diblock Copolymers with Different Chain Length. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2024-2030.	1.2	38

#	ARTICLE	IF	CITATIONS
41	Computer-Aided Conformation-Dependent Design of Copolymer Sequences. , 0, , 1-100.		39
42	Effect of Architecture on the Tensile Properties of Triblock Copolymers in a Lamellar Phase. ChemPhysChem, 2006, 7, 1950-1956.	1.0	6
43	Theoretical coarse-graining approach to bridge length scales in diblock copolymer liquids. Physical Review E, 2007, 76, 051801.	0.8	27
44	Supramolecular Structures with Macromolecules. Perspectives in Supramolecular Chemistry, 2007, , 89-176.	0.1	2
45	Interfacial Fluctuations of Block Copolymers: A Coarse-Grain Molecular Dynamics Simulation Study. Journal of Physical Chemistry B, 2007, 111, 13734-13742.	1.2	14
46	Fabrication of Particles and Crystals of Poly(p-phenylene pyromelliteimide) and the Study on Crystal Structure. Macromolecules, 2007, 40, 239-246.	2.2	21
47	Resonance Energy Transfer in Polymer Interfaces. Springer Series on Fluorescence, 2007, , 215-255.	0.8	6
48	Anomalous Phase Sequences in Lyotropic Liquid Crystals. Physical Review Letters, 2007, 99, 187801.	2.9	50
49	Theoretical models for bridging timescales in polymer dynamics. Journal of Physics Condensed Matter, 2008, 20, 033101.	0.7	53
50	Self-consistent field theory for lipid-based liquid crystals: Hydrogen bonding effect. Journal of Chemical Physics, 2008, 128, 074504.	1.2	24
51	Effect of nanorods on the mesophase structure of diblock copolymers. Journal of Chemical Physics, 2009, 130, 144907.	1.2	32
52	Phase transition and morphology of polydispersed ABA triblock copolymers determined by continuous and discrete simulations. Journal of Chemical Physics, 2009, 130, 064902.	1.2	12
53	Rheology and morphology change with temperature of SEBS/hydrocarbon oil blends. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 955-965.	2.4	27
54	Coupled flow-polymer dynamics via statistical field theory: Modeling and computation. Journal of Computational Physics, 2009, 228, 1624-1638.	1.9	6
55	Spectral collocation methods for polymer brushes. Journal of Chemical Physics, 2011, 134, 244905.	1.2	29
56	Local-feature analysis for automated coarse-graining of bulk-polymer molecular dynamics simulations. Physical Review E, 2012, 86, 061802.	0.8	2
57	Multiresponsive Square Hybrid Nanosheets of POSS-Ended Hyperbranched Poly(ether amine) (hPEA). Macromolecules, 2012, 45, 7135-7142.	2.2	24
59	Self-Consistent Field Theory of Gaussian Ring Polymers. Macromolecules, 2012, 45, 3263-3269.	2.2	27

#	ARTICLE	IF	CITATIONS
60	Morphologies of poly(cyclohexadiene) diblock copolymers: Effect of conformational asymmetry. <i>Polymer</i> , 2012, 53, 5155-5162.	1.8	12
61	How Structure-Related Collapse Mechanisms Determine Nanoscale Inhomogeneities in Thermoresponsive Polymers. <i>Macromolecules</i> , 2012, 45, 7535-7548.	2.2	18
62	Selective Localization of Preformed Nanoparticles in Morphologically Controllable Block Copolymer Aggregates in Solution. <i>Accounts of Chemical Research</i> , 2012, 45, 1657-1666.	7.6	144
63	Soft matter approaches to food structuring. <i>Advances in Colloid and Interface Science</i> , 2012, 176-177, 18-30.	7.0	68
64	Spontaneous Formation of Vesicles by Self-Assembly of Cationic Block Copolymer in the Presence of Anionic Surfactants and Their Application in Formation of Polymer Embedded Gold Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3624-3633.	1.2	11
65	Hierarchical self-assembly of miktoarm star polymers containing a polycationic segment: A general concept. <i>Polymer</i> , 2013, 54, 4528-4537.	1.8	20
66	Morphologies of ABC Triblock Terpolymer Melts Containing Poly(Cyclohexadiene): Effects of Conformational Asymmetry. <i>Langmuir</i> , 2013, 29, 1995-2006.	1.6	23
67	Controlled One-Pot Synthesis of Polystyrene- <i>b</i> -Polycaprolactone Copolymers by Simultaneous RAFT and ROP. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2336-2344.	1.1	32
68	Light induced molecular release from vesicles based on amphiphilic linear-dendritic block copolymers. <i>Polymer Chemistry</i> , 2013, 4, 2246.	1.9	52
69	Stimuli-responsive copolymer solution and surface assemblies for biomedical applications. <i>Chemical Society Reviews</i> , 2013, 42, 7057.	18.7	267
70	A Novel Diblock Copolymer with a Supramolecular Polymer Block and a Traditional Polymer Block: Preparation, Controllable Self-Assembly in Water, and Application in Controlled Release. <i>Advanced Materials</i> , 2013, 25, 5725-5729.	11.1	159
71	Effect of Chain Length of PEO on the Gelation and Micellization of the Pluronic F127 Copolymer Aqueous System. <i>Langmuir</i> , 2013, 29, 9694-9701.	1.6	61
72	Synthetic Glycopolypeptides as Biomimetic Analogues of Natural Glycoproteins. <i>Biomacromolecules</i> , 2013, 14, 2973-2983.	2.6	92
73	Responsive reverse giant vesicles and gel from self-organization of a bolaamphiphilic pillar[5]arene. <i>Soft Matter</i> , 2013, 9, 7314.	1.2	48
74	Origin of similarity of phase diagrams in amphiphilic and colloidal systems with competing interactions. <i>Soft Matter</i> , 2013, 9, 6301.	1.2	96
75	pH-Regulated Controlled Swelling and Sustained Release from the Core Functionalized Amphiphilic Block Copolymer Micelle. <i>ACS Macro Letters</i> , 2013, 2, 799-804.	2.3	39
76	Two-dimensional self-assembly of hydrophobic nanoparticles at oil/water interfaces via nanoscale phase separation of mixed ligands. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 243-249.	5.0	11
77	Micellar structures of linear triblock terpolymers: Three blocks but many possibilities. <i>Polymer</i> , 2013, 54, 1950-1978.	1.8	72

#	ARTICLE	IF	CITATIONS
78	Size Selective Incorporation of Gold Nanoparticles in Diblock Copolymer Vesicle Wall. Langmuir, 2013, 29, 10383-10392.	1.6	23
79	Modeling diblock copolymer melts with a soft quadrumer model: Bulk behavior and directed self-assembly. Polymer Science - Series C, 2013, 55, 94-102.	0.8	2
80	Solvent-induced division of plasmonic clusters. Soft Matter, 2013, 9, 9094.	1.2	18
81	Synthesis and self-assembly behaviors of well-defined poly(lauryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (methacrylate) Science, 2013, 291, 2653-2662.	1.0	12
82	Self-assembly and chemical processing of block copolymers: A roadmap towards a diverse array of block copolymer nanostructures. Science China Chemistry, 2013, 56, 1040-1066.	4.2	15
83	Self-assembly and chemical processing of block copolymers: a roadmap towards a diverse array of block copolymer nanostructures. Science China Life Sciences, 2013, , 1.	2.3	2
84	Polymerization-Induced Self-Assembly of Galactose-Functionalized Biocompatible Diblock Copolymers for Intracellular Delivery. Journal of the American Chemical Society, 2013, 135, 13574-13581.	6.6	180
85	A comparative in vitro evaluation of self-assembled PTX-PLA and PTX-MPEG-PLA nanoparticles. Nanoscale Research Letters, 2013, 8, 301.	3.1	26
86	Synthesis, self-assembly and responsive properties of PEG-b-PDMAEMA-b-PMMAzo triblock copolymers. Chinese Journal of Polymer Science (English Edition), 2013, 31, 833-840.	2.0	17
87	Polymericâ€Micelleâ€Based Nanomedicine for siRNA Delivery. Particle and Particle Systems Characterization, 2013, 30, 211-228.	1.2	34
88	Impact of Î€-conjugated gradient sequence copolymers on polymer blend morphology. Polymer Chemistry, 2013, 4, 4606.	1.9	35
89	Multicompartmental Hollow Micelles Formed by Linear ABC Triblock Copolymers in Aqueous Medium. Journal of Physical Chemistry B, 2013, 117, 2586-2593.	1.2	17
90	Phase Behavior of Tapered Diblock Copolymers from Self-Consistent Field Theory. ACS Macro Letters, 2013, 2, 1105-1109.	2.3	53
91	Cationic Dendron-Bearing Lipids: Investigating Structureâ€Activity Relationships for Small Interfering RNA Delivery. Biomacromolecules, 2013, 14, 4289-4300.	2.6	32
92	Dimensional Control of Block Copolymer Nanofibers with a Î€-Conjugated Core: Crystallizationâ€Driven Solution Selfâ€Assembly of Amphiphilic Poly(3â€hexylthiophene)â€poly(2â€vinylpyridine). Chemistry - A European Journal, 2013, 19, 9186-9197.		91
93	Self-Assembly of Polymer Brush-Functionalized Inorganic Nanoparticles: From Hairy Balls to Smart Molecular Mimics. Journal of Physical Chemistry Letters, 2013, 4, 3654-3666.	2.1	92
94	Branched Cylindrical Micelles via Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2013, 135, 17739-17742.	6.6	59
95	Synthesis and versatile postpolymerization modification of couplable A(BC)mD heterografted comblike block quaterpolymers. Polymer Chemistry, 2013, 4, 3272.	1.9	18

#	ARTICLE	IF	CITATIONS
96	A Shear Stress Regulated Assembly Route to Silica Nanotubes and Their Closely Packed Hollow Mesostructures. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11603-11606.	7.2	26
97	Small-Molecule/Polymer Recognition Triggers Aqueous-Phase Assembly and Encapsulation. <i>Langmuir</i> , 2013, 29, 144-150.	1.6	30
98	Agarose Hydrogels Embedded with pH-Responsive Diblock Copolymer Micelles for Triggered Release of Substances. <i>Biomacromolecules</i> , 2013, 14, 2713-2723.	2.6	38
99	Block Copolymer Hollow Fiber Membranes with Catalytic Activity and pH-Response. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 7001-7006.	4.0	69
100	The fabrication and surface functionalization of porous metal frameworks – a review. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15185.	5.2	56
101	Efficacy of Different Block Copolymers in Facilitating Microemulsion Phases in Polymer Blend Systems. <i>Macromolecules</i> , 2013, 46, 8334-8344.	2.2	11
102	Self-assembly of fully conjugated rod-coil diblock copolymers within nanofibers. <i>Soft Matter</i> , 2013, 9, 11014.	1.2	13
103	Perpendicular orientation of sub-10 nm channels in polystyrene-b-poly(4-hydroxyl styrene)/PEG oligomer blend thin films. <i>Nanoscale</i> , 2013, 5, 6713.	2.8	17
104	Synthesis and self-assembly of branched glycopolypeptides: effect of topology and conformation. <i>Faraday Discussions</i> , 2013, 166, 137.	1.6	23
105	Self-assembled structures from PEGylated polypeptide block copolymers synthesized using a combination of ATRP, ROP, and click chemistry. <i>Soft Matter</i> , 2013, 9, 11257.	1.2	21
106	Structural and mechanical properties of polymersomes formed by rod-coil diblock copolymers. <i>Soft Matter</i> , 2013, 9, 4802.	1.2	22
107	Oxidation responsive mono-cleavable amphiphilic di-block polymer micelles labeled with a single diselenide. <i>Polymer Chemistry</i> , 2013, 4, 4017.	1.9	56
108	Host-guest complexation driven dynamic supramolecular self-assembly. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2070.	1.5	84
109	Structure change of mixed shell polymeric micelles and its interaction with bio-targets as probed by the 1-anilino-8-naphthalene sulfonate (ANS) fluorescence. <i>Polymer</i> , 2013, 54, 3633-3640.	1.8	15
110	Amphiphilic hyperbranched polymers from the copolymerization of a vinyl and divinyl monomer: The potential of catalytic chain transfer polymerization. <i>European Polymer Journal</i> , 2013, 49, 2528-2544.	2.6	48
111	Eu <sup>3+</sup> -induced aggregates of diblock copolymers and their photoluminescent property. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 630-638.	5.0	23
112	Coupled soft-template/hydrothermal process synthesis of mesoporous carbon spheres from liquefied larch sawdust. <i>Materials Letters</i> , 2013, 107, 5-8.	1.3	19
113	Morphology transformation of polystyrene-block-poly(ethylene oxide) vesicle on surface. <i>Polymer</i> , 2013, 54, 3709-3715.	1.8	7

#	ARTICLE	IF	CITATIONS
114	Phase-separation and photoresponse in binary azobenzene-containing polymer vesicles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1007-1012.	2.3	4
115	Phase transition of a single protein-like copolymer chain. <i>Soft Matter</i> , 2013, 9, 3106.	1.2	12
116	A molecular production line. <i>Nature Chemistry</i> , 2013, 5, 260-262.	6.6	23
117	RAFT-mediated one-pot aqueous emulsion polymerization of methyl methacrylate in presence of poly(methacrylic acid-co-poly(ethylene oxide) methacrylate) trithiocarbonate macromolecular chain transfer agent. <i>Polymer</i> , 2013, 54, 2011-2019.	1.8	111
118	Polymer nanocompartments in broad-spectrum medical applications. <i>Nanomedicine</i> , 2013, 8, 425-447.	1.7	49
119	Theory of self-assembly of triblock ter-polymers in selective solvent towards corona-compartmentalized (Janus) micelles. <i>Polymer</i> , 2013, 54, 2043-2048.	1.8	9
120	Precipitation polymerization for fabrication of complex core-shell hybrid particles and hollow structures. <i>Chemical Society Reviews</i> , 2013, 42, 3628.	18.7	271
121	Photocontrolled reversible supramolecular assemblies of a diblock azo-copolymer based on $\beta$ -cyclodextrin-Azo host-guest inclusion complexation. <i>Polymer Chemistry</i> , 2013, 4, 2151.	1.9	41
122	Effect of Block Copolymer Architecture on Morphology of Self-Assembled Aggregates in Solution. <i>ACS Macro Letters</i> , 2013, 2, 292-295.	2.3	30
123	Counterion-Mediated Hierarchical Self-Assembly of an ABC Miktoarm Star Terpolymer. <i>ACS Nano</i> , 2013, 7, 4030-4041.	7.3	82
124	Giant gemini surfactants based on polystyrene-hydrophilic polyhedral oligomeric silsesquioxane shape amphiphiles: sequential click-chemistry and solution self-assembly. <i>Chemical Science</i> , 2013, 4, 1345.	3.7	111
125	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
126	Exploiting Core-Shell Synergy for Nanosynthesis and Mechanistic Investigation. <i>Accounts of Chemical Research</i> , 2013, 46, 1636-1646.	7.6	183
127	A Dual-Modality Photoswitchable Supramolecular Polymer. <i>Langmuir</i> , 2013, 29, 5345-5350.	1.6	108
128	Luminescent Invertible Polymersome by Remarkably Stable Supramolecular Assembly of Naphthalene Diimide (NDI) $\pi$ -System. <i>Macromolecules</i> , 2013, 46, 3939-3949.	2.2	55
129	The adhesive skin exudate of <i>Notaden bennetti</i> frogs (Anura: Limnodynastidae) has similarities to the prey capture glue of <i>Euperipatoides</i> sp. velvet worms (Onychophora: Peripatopsidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 250-259.	0.7	28
130	Ultralong gold nanoparticle/block copolymer hybrid cylindrical micelles: a strategy combining surface templated self-assembly and Rayleigh instability. <i>Nanoscale</i> , 2013, 5, 6344.	2.8	38
131	Hydrogen-Bonding-Induced Chain Folding and Vesicular Assembly of an Amphiphilic Polyurethane. <i>Langmuir</i> , 2013, 29, 6746-6753.	1.6	42



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132	Morphological Control in Aggregates of Amphiphilic Cylindrical Metal-Polymer Brushes. <i>Macromolecules</i> , 2013, 46, 3183-3189.	2.2	30
133	Particles on the Move: Intracellular Trafficking and Asymmetric Mitotic Partitioning of Nanoporous Polymer Particles. <i>ACS Nano</i> , 2013, 7, 5558-5567.	7.3	33
134	Dual thermo- and photo-responsive micelles based on miktoarm star polymers. <i>Polymer Chemistry</i> , 2013, 4, 4506.	1.9	56
135	Self-Assembly of Amphiphilic Plasmonic Micelle-Like Nanoparticles in Selective Solvents. <i>Journal of the American Chemical Society</i> , 2013, 135, 7974-7984.	6.6	251
136	Low-Dimensional Nanoparticle Clustering in Polymer Micelles and Their Transverse Relaxivity Rates. <i>ACS Nano</i> , 2013, 7, 5824-5833.	7.3	48
137	Effect of Macromolecular Architecture on the Morphology of Polystyrene-Polyisoprene Block Copolymers. <i>Macromolecules</i> , 2013, 46, 2023-2031.	2.2	27
138	Toroid Formation through Self-Assembly of Graft Copolymer and Homopolymer Mixtures: Experimental Studies and Dissipative Particle Dynamics Simulations. <i>Langmuir</i> , 2013, 29, 8417-8426.	1.6	44
139	Effect of Sequence on the Ionization Behavior of a Series of Amphiphilic Polypeptides. <i>Langmuir</i> , 2013, 29, 4451-4459.	1.6	14
140	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
141	Enzyme and acid catalyzed degradation of PEG45-b-PBO0,6,9-b-PCL60 micelles: Increased hydrolytic stability by engineering the hydrophilic-hydrophobic interface. <i>Polymer</i> , 2013, 54, 2879-2886.	1.8	6
142	Polygonal Micellar Aggregates of a Triblock Terpolymer Containing a Liquid Crystalline Block. <i>Macromolecules</i> , 2013, 46, 7436-7442.	2.2	38
143	Facile electrochemical synthesis of a conducting copolymer from 5-aminoindole and EDOT and its use as Pt catalyst support for formic acid electrooxidation. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 751-760.	1.2	15
144	Shear Flow Controlled Morphological Polydispersity of Amphiphilic ABA Triblock Copolymer Vesicles. <i>Langmuir</i> , 2013, 29, 15704-15710.	1.6	7
145	Kinetic Pathway of the Cylinder-to-Sphere Transition in Block Copolymer Micelles Observed in Situ by Time-Resolved Neutron and Synchrotron Scattering. <i>ACS Macro Letters</i> , 2013, 2, 1082-1087.	2.3	44
146	Fluctuation effects on the order-disorder transition in polydisperse copolymer melts. <i>Journal of Chemical Physics</i> , 2013, 139, 214905.	1.2	23
147	Phase behaviors in a binary mixture of diblock copolymers confined between two parallel walls. <i>Chinese Physics B</i> , 2013, 22, 026401.	0.7	12
148	Self-Assembly of Hyperbranched Polymers. , 2013, , 1-11.		0
149	Brush macroRAFT agent mediated dispersion polymerization of styrene in the alcohol/water mixture. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3177-3190.	2.5	44

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150	Kinetics of Block Copolymer Micelles Studied by Small-Angle Scattering Methods. <i>Advances in Polymer Science</i> , 2013, , 51-158.	0.4	60
151	2D Self-Assembly of an Amido-Ended Hydrophilic Hyperbranched Polyester by Copper Ion Induction. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1724-1733.	1.1	5
152	Controlled Polymerization and Polymeric Structures. <i>Advances in Polymer Science</i> , 2013, , .	0.4	5
154	Mean Field Theory of Diblock Copolymer on Curved Manifolds. <i>Macromolecular Symposia</i> , 2014, 346, 22-31.	0.4	4
155	Self-assembly of nucleic acids, silk and hybrid materials thereof. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 503102.	0.7	7
156	CdS nanorods assisted thermal oxidation of polythiol segments of PS-b-polythiols to produce core cross-linking micellar clusters. <i>Polymer Chemistry</i> , 2014, 5, 7034-7041.	1.9	5
157	Photodynamic Therapy: One Step Ahead with Self-Assembled Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1937-1952.	0.5	74
158	Thermo, pH and reduction responsive coaggregates comprising AB <sub>2</sub> C <sub>2</sub> star terpolymers for multi-triggered release of doxorubicin. <i>Polymer Chemistry</i> , 2014, 5, 3335-3345.	1.9	38
159	Soft nanoparticles assembled from linear poly(ethylene glycol) and linear brush polydimethylsiloxane diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1251-1262.	2.5	13
160	ABC Triblock Terpolymer Self-Assembled Core-Shell Corona Nanotubes with High Aspect Ratios. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1387-1396.	2.0	11
161	Control of Self-Assembled Structure through Architecturally and Compositionally Complex Block Copolymer Surfactant Mixtures. <i>Macromolecules</i> , 2014, 47, 7138-7150.	2.2	22
162	Disassembly of Block Copolymer Vesicles into Nanospheres through Vesicle Mediated RAFT Polymerization. <i>Macromolecules</i> , 2014, 47, 8262-8269.	2.2	40
163	Synthesis, self-assembly, and thermosensitivity of amphiphilic POEGMA-PDMS-POEGMA triblock copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2684-2691.	2.5	14
164	Facile synthesis of block copolymers from a cinnamate derivative by combination of AGET ATRP and click chemistry. <i>Macromolecular Research</i> , 2014, 22, 1306-1311.	1.0	7
165	Rapid metal-free macromolecular coupling via <i>In Situ</i> nitrile oxide-activated alkene cycloaddition. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3134-3141.	2.5	5
166	Synthesis and self-assembly of stimuli-responsive amphiphilic block copolymers based on polyhedral oligomeric silsesquioxane. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2669-2683.	2.5	33
167	Two Non-covalent Methods to Decorate Nanoparticles with Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 945-957.	1.1	3
168	Ordered, microphase-separated, noncharged-charged diblock copolymers via the sequential ATRP of styrene and styrenic imidazolium monomers. <i>Polymer</i> , 2014, 55, 6664-6671.	1.8	14

#	ARTICLE	IF	CITATIONS
169	Self-Organization of Anderson-Based Amphiphiles. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3401-3405.	1.0	6
170	Crystallization-Driven Solution Self-Assembly of $\frac{1}{4}$ -ABC Miktoarm Star Terpolymers with Core-Forming Polyferrocenylsilane Blocks. <i>Macromolecules</i> , 2014, 47, 8420-8428.	2.2	32
171	pH-Responsive Polymer. , 2014, , 1-9.		1
172	Probing microphase separation and proton transport cooperativity in polymer-ethered 1,2,3,4-tetrazoles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1375-1387.	2.4	1
173	Bridging the Gap in the Micellar Transformation from Cylinders to Vesicles. <i>Small</i> , 2014, 10, 1332-1340.	5.2	16
174	Nanomaterial with Variable $d$ -Spacing Prepared from Self-Assembly of Cleavable Triblock Polystyrene- $(S_{20})$ -Poly( <i>tert</i> -butyl acrylate)-Polystyrene. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1908-1914.	1.1	5
175	Robust Heterogeneous Nickel Catalysts with Tailored Porosity for the Selective Hydrogenolysis of Aryl Ethers. <i>ChemCatChem</i> , 2014, 6, 91-95.	1.8	84
176	Giant surfactants based on molecular nanoparticles: Precise synthesis and solution self-assembly. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1309-1325.	2.4	69
177	Synthesis and encapsulation of an amphiphilic thermoresponsive star polymer with $\beta$ -cyclodextrin and hyperbranched poly(oligo(ethylene glycol)methacrylate) as building blocks. <i>RSC Advances</i> , 2014, 4, 54268-54281.	1.7	13
178	A Facile Route to Construct $S_{i}CO_{j}$ Nanospheres with Tunable Sizes. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 670-675.	1.1	0
179	Effects of placing negatively charged groups at the corona terminus on the aqueous dispersion stabilities for PCL-b-PEO block copolymer micelles. <i>Polymer</i> , 2014, 55, 1467-1473.	1.8	0
180	Direct and indirect core-shell inversion of block copolymer micelles. <i>Polymer Chemistry</i> , 2014, 5, 234-240.	1.9	12
181	Formation of liquid-crystalline morphologies in dilute solutions of a charged random terpolymer. <i>Polymer International</i> , 2014, 63, 1627-1633.	1.6	1
182	Application of hydrophobically modified water-soluble polymers for the dispersion of hydrophobic magnetic nanoparticles in aqueous media. <i>Dalton Transactions</i> , 2014, 43, 8633-8643.	1.6	14
183	Multifunctional Nanoworms and Nanorods through a One-Step Aqueous Dispersion Polymerization. <i>Journal of the American Chemical Society</i> , 2014, 136, 5824-5827.	6.6	124
184	Thermo-responsive ABA triblock copolymer of PVEA-b-PNIPAM-b-PVEA showing solvent-tunable LCST in a methanol-water mixture. <i>Polymer Chemistry</i> , 2014, 5, 1219-1228.	1.9	36
185	The analysis of solution self-assembled polymeric nanomaterials. <i>Chemical Society Reviews</i> , 2014, 43, 2412-2425.	18.7	161
186	Encapsulation of inorganic nanoparticles into block copolymer micellar aggregates: Strategies and precise localization of nanoparticles. <i>Polymer</i> , 2014, 55, 1079-1096.	1.8	106

#	ARTICLE	IF	CITATIONS
187	Fluorene-functionalized aliphatic polycarbonates: design, synthesis and aqueous self-assembly of amphiphilic block copolymers. <i>Polymer Chemistry</i> , 2014, 5, 2035-2040.	1.9	27
188	Vesicle Structures from Bolaamphiphilic Biosurfactants: Experimental and Molecular Dynamics Simulation Studies on the Effect of Unsaturation on Sophorolipid Self-Assemblies. <i>Chemistry - A European Journal</i> , 2014, 20, 6246-6250.	1.7	31
189	Effect of sequence features on assembly of spider silk block copolymers. <i>Journal of Structural Biology</i> , 2014, 186, 412-419.	1.3	27
190	Size evolution of highly amphiphilic macromolecular solution assemblies via a distinct bimodal pathway. <i>Nature Communications</i> , 2014, 5, 3599.	5.8	69
191	Photoresponsive Block Copolymer: Synthesis, Characterization, and Surface Activity Control. <i>Langmuir</i> , 2014, 30, 3957-3966.	1.6	19
192	Atom transfer radical polymerization as a powerful tool in the synthesis of molecular brushes. <i>Polymer International</i> , 2014, 63, 824-834.	1.6	31
193	Colloidal inverse bicontinuous cubic membranes of block copolymers with tunable surface functional groups. <i>Nature Chemistry</i> , 2014, 6, 534-541.	6.6	129
194	Polymer-directed synthesis of metal oxide-containing nanomaterials for electrochemical energy storage. <i>Nanoscale</i> , 2014, 6, 106-121.	2.8	40
195	Nanostructured ethylene- <i>co</i> -styrene copolymers. <i>Polymer Chemistry</i> , 2014, 5, 3045-3052.	1.9	10
196	Size-Controlled Self-Assembly of Superparamagnetic Polymersomes. <i>ACS Nano</i> , 2014, 8, 495-502.	7.3	117
197	Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers - synthetic complexity vs. application benefits. <i>Polymer Chemistry</i> , 2014, 5, 2647-2662.	1.9	52
198	The self-assembly of linear dendritic and lipid-like copolymers investigated by computer simulations. <i>RSC Advances</i> , 2014, 4, 59785-59791.	1.7	5
199	Aqueous self-assembly of chromophore-conjugated amphiphiles. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 26672-26683.	1.3	92
200	Precision Polymers and 3D DNA Nanostructures: Emergent Assemblies from New Parameter Space. <i>Journal of the American Chemical Society</i> , 2014, 136, 15767-15774.	6.6	94
201	Novel nanostructured semicrystalline ionomers by chemoselective sulfonation of multiblock copolymers of syndiotactic polystyrene with polybutadiene. <i>RSC Advances</i> , 2014, 4, 60158-60167.	1.7	14
203	Polymers Zippered-Up by Electric Charge Reveal Themselves. <i>ACS Nano</i> , 2014, 8, 11030-11034.	7.3	8
205	Noncanonical Self-Assembly of Highly Asymmetric Genetically Encoded Polypeptide Amphiphiles into Cylindrical Micelles. <i>Nano Letters</i> , 2014, 14, 6590-6598.	4.5	59
206	Facile Synthesis of Fluorescent Latex Nanoparticles with Selective Binding Properties Using Amphiphilic Glycosylated Polypeptide Surfactants. <i>Macromolecules</i> , 2014, 47, 7303-7310.	2.2	29

#	ARTICLE	IF	CITATIONS
207	Large Compound Vesicles from Amphiphilic Block Copolymer/Rigid-Rod Conjugated Polymer Complexes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12796-12803.	1.2	15
208	Polymerization-induced self-assembly: ethanolic RAFT dispersion polymerization of 2-phenylethyl methacrylate. <i>Polymer Chemistry</i> , 2014, 5, 2342-2351.	1.9	121
209	Synthesis and properties of heterografted toothbrush-like copolymers with alternating PEG and PCL grafts and tunable RAFT-generated segments. <i>Polymer Chemistry</i> , 2014, 5, 4679-4692.	1.9	25
210	Self-assembly of phosphorous containing oligomers: morphological features and pH-sensitiveness in suspension. <i>Soft Matter</i> , 2014, 10, 7545-7557.	1.2	5
211	Morphological transition difference of linear and cyclic block copolymer with polymer blending in a selective solvent by combining dissipative particle dynamics and all-atom molecular dynamics simulations based on the ABEEM polarizable force field. <i>RSC Advances</i> , 2014, 4, 52083-52087.	1.7	4
212	Cucurbit[6]urilâ€“cucurbit[7]uril heterodimer promotes controlled self-assembly of supramolecular networks and supramolecular micelles by self-sorting of amphiphilic guests. <i>Chemical Communications</i> , 2014, 50, 14756-14759.	2.2	18
213	Organic nanospheres with an internal bicontinuous structure and their responsive phase inversion. <i>Chemical Communications</i> , 2014, 50, 8480-8483.	2.2	7
214	RAFT dispersion polymerization of 3-phenylpropyl methacrylate with poly[2-(dimethylamino)ethyl methacrylate] macro-CTAs in ethanol and associated thermoreversible polymorphism. <i>Soft Matter</i> , 2014, 10, 5787-5796.	1.2	84
215	Structural and mechanical characteristics of polymersomes. <i>Soft Matter</i> , 2014, 10, 6373.	1.2	44
216	Pseudo-graft polymer based on adamantyl-terminated poly(oligo(ethylene glycol) methacrylate) and homopolymer with cyclodextrin as pendant: its thermoresponsivity through polymeric self-assembly and hostâ€“guest inclusion complexation. <i>RSC Advances</i> , 2014, 4, 17768-17779.	1.7	13
217	Fast synthesis of an inorganicâ€“organic block copolymer in a droplet-based microreactor. <i>RSC Advances</i> , 2014, 4, 8283.	1.7	7
218	Rayleigh Instability Induced Cylinder-to-Sphere Transition in Block Copolymer Micelles: Direct Visualization of the Kinetic Pathway. <i>ACS Macro Letters</i> , 2014, 3, 433-438.	2.3	22
219	Dissipative Particle Dynamics Study of the pH-Dependent Behavior of Poly(2-vinylpyridine)- <i>block</i> -poly(ethylene oxide) Diblock Copolymer in Aqueous Buffers. <i>Macromolecules</i> , 2014, 47, 2503-2514.	2.2	62
220	Self-assembly and applications of poly(glycidyl methacrylate)s and their derivatives. <i>Chemical Communications</i> , 2014, 50, 13201-13215.	2.2	90
221	Expanding the scope of the crystallization-driven self-assembly of polylactide-containing polymers. <i>Polymer Chemistry</i> , 2014, 5, 1427-1436.	1.9	68
222	A supramolecular approach for fabrication of photo-responsive block-controllable supramolecular polymers. <i>Polymer Chemistry</i> , 2014, 5, 5453.	1.9	23
223	Ultralong cylindrical micelles precisely located with semiconductor nanorods by solvent evaporation-driven self-assembly. <i>Soft Matter</i> , 2014, 10, 8051-8059.	1.2	14
224	Luminous block copolymerâ€“quantum dots hybrids formed by cooperative assembly in a selective solvent. <i>RSC Advances</i> , 2014, 4, 19613.	1.7	12

#	ARTICLE	IF	CITATIONS
225	RAFT polymerization of hydroxy-functional methacrylic monomers under heterogeneous conditions: effect of varying the core-forming block. <i>Polymer Chemistry</i> , 2014, 5, 3643-3655.	1.9	53
226	Self-assembled multimicellar vesicles via complexation of a rigid conjugated polymer with an amphiphilic block copolymer. <i>RSC Advances</i> , 2014, 4, 54752-54759.	1.7	6
227	Micellar and vesicular nanoassemblies of triazole-based amphiphilic probes triggered by mercury(ii) ions in a 100% aqueous medium. <i>Chemical Communications</i> , 2014, 50, 14006-14009.	2.2	21
228	Synthesis of hierarchically nanostructured TiO <sub>2</sub> spheres with tunable morphologies based on a novel amphiphilic polymer precursor and their use for heavy metal ion sequestration. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14004-14013.	5.2	22
229	Coarse-grained simulation study on the self-assembly of miktoarm star-like block copolymers in various solvent conditions. <i>Soft Matter</i> , 2014, 10, 2245-2252.	1.2	23
230	The pH induced vesicle to micelle morphology transition of a THP-protected polymer. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3026-3031.	2.5	0
231	Straightforward Synthesis Route to Polymersomes with Simple Molecules as Precursors. <i>Langmuir</i> , 2014, 30, 11267-11271.	1.6	8
232	Postpolymerization Modification of Block Copolymers. <i>Macromolecules</i> , 2014, 47, 5437-5449.	2.2	73
233	Synthesis and self-assembly of thermosensitive double-hydrophilic poly( <i>N</i> -vinylcaprolactam)- <i>b</i> -poly( <i>N</i> -vinyl-2-pyrrolidone) diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2725-2737.	2.5	46
234	Understanding the Role of H-Bonding in Aqueous Self-Assembly of Two Naphthalene Diimide (NDI)-Conjugated Amphiphiles. <i>Langmuir</i> , 2014, 30, 1969-1976.	1.6	54
235	Gradient Crystallization-Driven Self-Assembly: Cylindrical Micelles with Patchy-Segmented Coronas via the Coassembly of Linear and Brush Block Copolymers. <i>Journal of the American Chemical Society</i> , 2014, 136, 13835-13844.	6.6	94
236	Disk-Like Micelles with a Highly Ordered Pattern from Molecular Bottlebrushes. <i>ACS Macro Letters</i> , 2014, 3, 70-73.	2.3	76
237	Natural gum rosin thin films nanopatterned by poly(styrene)-block-poly(4-vinylpyridine) block copolymer. <i>RSC Advances</i> , 2014, 4, 32024.	1.7	11
238	Self-Assembly of Molecular Borromean Rings from Bimetallic Coordination Rectangles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11218-11222.	7.2	125
239	RAFT-Formation by Two-Dimensional Self-Assembly of Block Copolymer Rod Micelles in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9000-9003.	7.2	117
240	Interaction of sodium and potassium ions with PEO-PPO copolymer investigated by FTIR, Raman and NMR. <i>Vibrational Spectroscopy</i> , 2014, 75, 59-64.	1.2	22
241	Self-Assembly Behavior of a Linear-Star Supramolecular Amphiphile Based on Host-Guest Complexation. <i>Langmuir</i> , 2014, 30, 13014-13020.	1.6	43
242	Amphiphilic Nanocapsules Entangled with Organometallic Coordination Polymers for Controlled Cargo Release. <i>Langmuir</i> , 2014, 30, 6294-6301.	1.6	13

#	ARTICLE	IF	CITATIONS
243	Synthesis and Self-Assembly of Amphiphilic Hybrid Nano Building Blocks via Self-Collapse of Polymer Single Chains. <i>Macromolecules</i> , 2014, 47, 5932-5941.	2.2	49
244	Stimuli responsive triblock copolymers by chain-growth polymerization from telechelic macroinitiators prepared via a step-growth polymerization. <i>Polymer Chemistry</i> , 2014, 5, 3901-3909.	1.9	21
245	Self-Assembly of Amido-Ended Hyperbranched Polyester Films with a Highly Ordered Dendritic Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 16375-16383.	4.0	12
246	Controlling Aqueous Self-Assembly Mechanisms by Hydrophobic Interactions. <i>Chemistry - A European Journal</i> , 2014, 20, 13871-13875.	1.7	42
247	Macroscopic Alignment of Cylinders via Directional Coalescence of Spheres along Annealing Solvent Permeation Directions in Block Copolymer Thick Films. <i>Macromolecules</i> , 2014, 47, 5989-5999.	2.2	12
248	Lipase-catalyzed synthesis of azido-functionalized aliphatic polyesters towards acid-degradable amphiphilic graft copolymers. <i>Soft Matter</i> , 2014, 10, 1199.	1.2	31
249	Poly(oligonucleotide). <i>Journal of the American Chemical Society</i> , 2014, 136, 11216-11219.	6.6	40
250	New Morphologies and Phase Transitions of Rod-Coil Dendritic-Linear Block Copolymers Depending on Dendron Generation and Preparation Procedure. <i>Macromolecules</i> , 2014, 47, 146-151.	2.2	14
251	Entropy-Driven Pattern Formation of Hybrid Vesicular Assemblies Made from Molecular and Nanoparticle Amphiphiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 2602-2610.	6.6	126
252	A dual-targeting nanocarrier based on modified chitosan micelles for tumor imaging and therapy. <i>Polymer Chemistry</i> , 2014, 5, 4734.	1.9	11
253	pH-Responsive PDMS- <i>b</i> -PDMAEMA Micelles for Intracellular Anticancer Drug Delivery. <i>Biomacromolecules</i> , 2014, 15, 3235-3245.	2.6	88
254	Computer simulation of polymer and biopolymer self-assembly for drug delivery. <i>Molecular Simulation</i> , 2014, 40, 794-801.	0.9	19
255	Poly(glycerol monomethacrylate)- <i>b</i> -Poly(benzyl methacrylate) Diblock Copolymer Nanoparticles via RAFT Emulsion Polymerization: Synthesis, Characterization, and Interfacial Activity. <i>Macromolecules</i> , 2014, 47, 5613-5623.	2.2	168
256	Spontaneously Formed Robust Steroidal Vesicles: Physicochemical Characterization and Interaction with HSA. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4561-4570.	1.2	19
257	Self-Association of the Thermosensitive Block Copolymer Poly(2-isopropyl-2-oxazoline)- <i>b</i> -poly( <i>N</i> -isopropylacrylamide) in Water-Methanol Mixtures. <i>Macromolecules</i> , 2014, 47, 6900-6910.	2.2	36
258	Block copolymer/homopolymer dual-layer hollow fiber membranes. <i>Journal of Membrane Science</i> , 2014, 472, 39-44.	4.1	39
259	Modification of cellulose model surfaces by cationic polymer latexes prepared by RAFT-mediated surfactant-free emulsion polymerization. <i>Polymer Chemistry</i> , 2014, 5, 6076-6086.	1.9	62
260	Small but Powerful: Co-Assembly of Polyether-Based Triblock Terpolymers into Sub-30 nm Micelles and Synergistic Effects on Cellular Interactions. <i>Biomacromolecules</i> , 2014, 15, 2426-2439.	2.6	25

#	ARTICLE	IF	CITATIONS
261	Synthesis of complex macromolecules using iterative copper(0)-mediated radical polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2083-2098.	2.5	27
262	Supramolecular Chemistry in the Formation of Self-Assembled Nanostructures from a High-Molecular-Weight Rod-Coil Block Copolymer. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1795-1800.	2.0	9
263	Block copolymer self-assembly controlled by the "green" gas stimulus of carbon dioxide. <i>Chemical Communications</i> , 2014, 50, 11631-11641.	2.2	114
264	Synthesis of fatty phosphonic acid based polymethacrylamide by RAFT polymerization and self-assembly in solution. <i>Polymer Chemistry</i> , 2014, 5, 2756-2767.	1.9	13
265	Dual effect of thiol addition on fluorescent polymeric micelles: ON-to-OFF emissive switch and morphology transition. <i>Chemical Communications</i> , 2014, 50, 11492-11495.	2.2	26
266	Processing of nanostructured polymers and advanced polymeric based nanocomposites. <i>Materials Science and Engineering Reports</i> , 2014, 85, 1-46.	14.8	190
267	Influence of Photo-Cross-Linking on Emulsifying Performance of the Self-Assemblies of Poly(7-(4-vinylbenzyloxy)-4-methylcoumarin-co-acrylic acid). <i>Langmuir</i> , 2014, 30, 6669-6677.	1.6	34
268	H-bonding driven assembly of colloidal Au nanoparticles on nanostructured poly(styrene-b-ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1.7	1.7	15
269	pH responsive nanoplates from bulk self-assembly of UV-crosslinkable poly(tert-butyl) Tj ETQq0 0 0 rgBT /Overlock 1.2 Tf 50 422 Td (acry	1.2	1
270	Supramolecular Disassembly of Facially Amphiphilic Dendrimer Assemblies in Response to Physical, Chemical, and Biological Stimuli. <i>Accounts of Chemical Research</i> , 2014, 47, 2200-2211.	7.6	115
271	Self-assembly of random copolymers. <i>Chemical Communications</i> , 2014, 50, 13417-13432.	2.2	198
272	Thermo-responsive Diblock Copolymer Worm Gels in Non-polar Solvents. <i>Journal of the American Chemical Society</i> , 2014, 136, 5790-5798.	6.6	266
273	Organometallic Polypeptide Diblock Copolymers: Synthesis by Diels-Alder Coupling and Crystallization-Driven Self-Assembly to Uniform Truncated Elliptical Lamellae. <i>Macromolecules</i> , 2014, 47, 2604-2615.	2.2	23
274	Exploiting Hydrophobic Interactions at the Nanoscale. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2455-2463.	2.1	26
275	Morphology Control in Water of Polyion Complex Nanoarchitectures of Double-Hydrophilic Charged Block Copolymers through Composition Tuning and Thermal Treatment. <i>Macromolecules</i> , 2014, 47, 3086-3092.	2.2	42
276	Rational Synthesis of Low-Polydispersity Block Copolymer Vesicles in Concentrated Solution via Polymerization-Induced Self-Assembly. <i>Journal of the American Chemical Society</i> , 2014, 136, 11100-11106.	6.6	116
277	Self-Assembly of Amphiphilic Triblock Terpolymers Mediated by Multifunctional Organic Acids: Vesicles, Toroids, and (Undulated) Ribbons. <i>Macromolecules</i> , 2014, 47, 1672-1683.	2.2	28
278	Nanodevices for studying nano-pathophysiology. <i>Advanced Drug Delivery Reviews</i> , 2014, 74, 35-52.	6.6	30



#	ARTICLE	IF	CITATIONS
279	An Efficient and Highly Versatile Synthetic Route to Prepare Iron Oxide Nanoparticles/Nanocomposites with Tunable Morphologies. <i>Langmuir</i> , 2014, 30, 10493-10502.	1.6	81
280	Homo- and Co-polymerization of Polystyrene- <i>block</i> -Poly(acrylic acid)-Coated Metal Nanoparticles. <i>ACS Nano</i> , 2014, 8, 8063-8073.	7.3	28
281	Enzyme-Responsive Amphiphilic PEG-Dendron Hybrids and Their Assembly into Smart Micellar Nanocarriers. <i>Journal of the American Chemical Society</i> , 2014, 136, 7531-7534.	6.6	166
282	Well-defined copolymers based on poly(vinylidene fluoride): From preparation and phase separation to application. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2861-2877.	2.5	73
283	Large-scale dissipative particle dynamics simulations of self-assembled amphiphilic systems. <i>Chemical Communications</i> , 2014, 50, 8306-8308.	2.2	30
284	Thermo-Induced Limited Aggregation of Responsive Star Polyelectrolytes. <i>Macromolecules</i> , 2014, 47, 2112-2121.	2.2	46
285	Glyco-Inside Micelles and Vesicles Directed by Protection-Deprotection Chemistry. <i>ACS Macro Letters</i> , 2014, 3, 534-539.	2.3	37
286	Synthesis of orthogonally addressable block copolymers via reversible addition fragmentation chain transfer polymerization and subsequent chemoselective postmodification. <i>Journal of Polymer Science Part A</i> , 2014, 52, 258-266.	2.5	9
287	Perpendicular oriented cylinders via directional coalescence of spheres embedded in block copolymer films induced by solvent annealing. <i>Polymer</i> , 2014, 55, 1601-1608.	1.8	7
288	Biomimetic block copolymer particles with gated nanopores and ultrahigh protein sorption capacity. <i>Nature Communications</i> , 2014, 5, 4110.	5.8	124
289	Size effects of self-assembled block copolymer spherical micelles and vesicles on cellular uptake in human colon carcinoma cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2883-2891.	2.9	33
290	Phosphorescent nematic hydrogels and chromonic mesophases driven by intra- and intermolecular interactions of bridged dinuclear cyclometalated platinum(ii) complexes. <i>Chemical Science</i> , 2014, 5, 2482.	3.7	62
291	Polystyrene- <i>block</i> -Polyisoprene Diblock Copolymer Micelles: Coupled Pressure and Temperature Effects. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 776-782.	1.1	3
292	Pushing the Limit of the RAFT Process: Multiblock Copolymers by One-Pot Rapid Multiple Chain Extensions at Full Monomer Conversion. <i>Macromolecules</i> , 2014, 47, 3451-3460.	2.2	208
293	Polymersomes containing quantum dots for cellular imaging. <i>International Journal of Nanomedicine</i> , 2014, 9, 2287.	3.3	13
294	Layer-by-layer Nanoarchitectonics: Invention, Innovation, and Evolution. <i>Chemistry Letters</i> , 2014, 43, 36-68.	0.7	813
296	Core-Shell Nanoreactors for Efficient Aqueous Biphasic Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 15505-15517.	1.7	68
297	Frame-Guided Assembly of Vesicles with Programmed Geometry and Dimensions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2607-2610.	7.2	92

#	ARTICLE	IF	CITATIONS
298	In Situ Visualization of Block Copolymer Self-Assembly in Organic Media by Super-Resolution Fluorescence Microscopy. <i>Chemistry - A European Journal</i> , 2015, 21, 18539-18542.	1.7	48
299	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
302	Hexagonal phase ordering in strongly segregated copolymer films. <i>Physical Review E</i> , 2015, 92, 042602.	0.8	5
303	Strategies for preparing fluorescently labelled polymer nanoparticles. <i>Polymer International</i> , 2015, 64, 174-182.	1.6	66
304	Facile approach to generating polymeric nanoarrays containing populations of nanoparticles. <i>Micro and Nano Letters</i> , 2015, 10, 378-383.	0.6	0
305	Doxorubicin-poly (ethylene glycol)-alendronate self-assembled micelles for targeted therapy of bone metastatic cancer. <i>Scientific Reports</i> , 2015, 5, 14614.	1.6	74
306	Polypept(o)ides: Hybrid Systems Based on Polypeptides and Polypeptoids. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1943-1957.	2.0	94
307	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15122-15127.	7.2	21
308	Effects of the carboxyl-terminated hyperbranched polyester/platinum complex molecular weight on hydrosilylation activity and self-assembled morphology. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	2
309	Frame-Guided Assembly of Amphiphiles. <i>Chemistry - A European Journal</i> , 2015, 21, 18018-18023.	1.7	26
310	Synthetic Covalent and Non-Covalent 2D Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13876-13894.	7.2	157
311	Temperature-Induced Transformation from Large Compound Vesicles to Worm-Like Aggregates by ABC Triblock Copolymer. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1338-1346.	2.6	5
312	An Overview of Self-Assembly and Morphological Regulation of Amphiphilic DNA Organic Hybrids. <i>Chinese Journal of Chemistry</i> , 2015, 33, 511-516.	2.6	6
313	One-Pot Preparation of 3D Nano- and Microaggregates via In Situ Nanoparticlization of Polyacetylene Diblock Copolymers Produced by ROMP. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1069-1074.	2.0	25
314	Energy and Charge Transfer in Nanoscale Hybrid Materials. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1026-1046.	2.0	16
315	Formation of Hexagonally Packed Hollow Hoops and Morphology Transition in RAFT Ethanol Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1428-1436.	2.0	79
316	Hierarchical Self-Assembly of Double-Crystalline Poly(ferrocenyldimethylsilane)-block-poly(2-isopropyl-2-oxazoline) (PFDMSi-b-P <i>i</i> PrOx) Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1651-1657.	2.0	7
317	Mixed Hybrid Lipid/Polymer Vesicles as a Novel Membrane Platform. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2031-2041.	2.0	122

#	ARTICLE	IF	CITATIONS
319	Fiber-Like Micelles from the Crystallization-Driven Self-Assembly of Poly(3-heptylselenophene)- <i>b</i> -Polystyrene. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 685-695.	1.1	35
320	Amphiphilic block copolymer self-assemblies of poly(NVP)- <i>b</i> -poly(MDO-co-vinyl esters): Tunable dimensions and functionalities. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2699-2710.	2.5	16
321	Thermoresponsive AuNPs Stabilized by Pillararene-Containing Polymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1492-1497.	2.0	33
322	Manipulation of Shell Morphology of Silicate Spheres from Structural Evolution in a Purely Inorganic System. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1379-1386.	1.7	15
323	Stimulus-Responsive Thin-Film Photonic Crystals from Rapid Self-Assembly of Block Copolymers for Photopatterning. <i>Advanced Optical Materials</i> , 2015, 3, 1517-1523.	3.6	19
326	Iron-Carbonyl Aqueous Vesicles (MCsomes) by Hydration of [Fe(CO){CO(CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub> }(Cp)(PPh <sub>3</sub> ) <sub>3</sub> ](FpC6): Highly Integrated Colloids with Aggregation-Induced Self-Enhanced IR Absorption (AI-SEIRA). <i>Chemistry - A European Journal</i> , 2015, 21, 19223-19230.	1.7	18
327	Photoresponsive Amphiphilic Macrocycles Containing Main-Chain Azobenzene Polymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1341-1347.	2.0	24
328	Synthesis and characterization of copolymers with the same proportions of polystyrene and poly(ethylene oxide) compositions but different connection sequence by the efficient Williamson reaction. <i>Polymer International</i> , 2015, 64, 1202-1208.	1.6	4
329	Multiscale Control of Hierarchical Structure in Crystalline Block Copolymer Nanoparticles Using Microfluidics. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2000-2005.	2.0	25
330	Stepwise Drug-Release Behavior of Onion-Like Vesicles Generated from Emulsification-Induced Assembly of Semicrystalline Polymer Amphiphiles. <i>Advanced Functional Materials</i> , 2015, 25, 4570-4579.	7.8	37
331	Synthesis of Amylose- <i>b</i> -P <sub>2</sub> VP Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2097-2101.	2.0	8
332	Improved Livingness and Control over Branching in RAFT Polymerization of Acrylates: Could Microflow Synthesis Make the Difference?. <i>Macromolecular Rapid Communications</i> , 2015, 36, 2149-2155.	2.0	67
333	Star-Like Structure of Oligocarbonate-Fluorene End-Functionalized Poly(ethylene glycol) ABA Triblock Copolymers Below the Gel Point. <i>Macromolecular Symposia</i> , 2015, 358, 157-169.	0.4	4
334	Control of Partial Coalescence of Self-Assembled Metal Nano-Particles across Lyotropic Liquid Crystals Templates towards Long Range Meso-Porous Metal Frameworks Design. <i>Nanomaterials</i> , 2015, 5, 1766-1781.	1.9	7
335	Nanostructured Colloidal Particles by Confined Self-Assembly of Block Copolymers in Evaporative Droplets. <i>Frontiers in Materials</i> , 2015, 2, .	1.2	30
336	Computational Amphiphilic Materials for Drug Delivery. <i>Frontiers in Materials</i> , 2015, 2, .	1.2	24
337	Effect of Topological Structures on the Self-Assembly Behavior of Supramolecular Amphiphiles. <i>Langmuir</i> , 2015, 31, 13834-13841.	1.6	27
338	3D Flower-Like Hierarchitectures Constructed by SnS/SnS <sub>2</sub> Heterostructure Nanosheets for High-Performance Anode Material in Lithium-Ion Batteries. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-5.	1.5	4

#	ARTICLE	IF	CITATIONS
339	Amphiphiles Self-Assembly: Basic Concepts and Future Perspectives of Supramolecular Approaches. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-22.	0.4	341
340	Magnetophoretic assembly of flexible nanoparticles/lipid microfilaments. <i>Faraday Discussions</i> , 2015, 181, 437-448.	1.6	21
341	Self-assembly of patchy nanoparticles: a versatile approach to functional hierarchical materials. <i>Chemical Science</i> , 2015, 6, 3663-3673.	3.7	124
342	Interface-enforced complexation between copolymer blocks. <i>Soft Matter</i> , 2015, 11, 3559-3565.	1.2	22
343	Mesoscopic simulation of the self-assembly of the weak polyelectrolyte poly(ethylene oxide)-poly(2-vinylpyridine). <i>Journal of Chemical Physics</i> , 2015, 142, 164703.	1.2	5
344	Mixtures of ions and amphiphilic molecules in slit-like pores: A density functional approach. <i>Journal of Chemical Physics</i> , 2015, 142, 164703.	1.2	4
345	Aqueous Solutions of Poly(ethylene oxide)-Poly( <i>N</i> -isopropylacrylamide): Thermosensitive Behavior and Distinct Multiple Assembly Processes. <i>Langmuir</i> , 2015, 31, 6497-6506.	1.6	17
346	Temperature- and pH-controlled encapsulation and release of guest molecules from invertible carriers. <i>Polymer</i> , 2015, 68, 35-40.	1.8	3
347	Nanocomposites and Self-Assembled Structures via Controlled Radical Polymerization. <i>Advances in Polymer Science</i> , 2015, , 193-220.	0.4	7
348	Giant tubular and toroidal vesicles from self-assembled triblock copolymer-polyaniline complexes in water. <i>Chemical Communications</i> , 2015, 51, 11100-11103.	2.2	7
349	Facile construction of fluorescent polymeric aggregates with various morphologies by self-assembly of supramolecular amphiphilic graft copolymers. <i>Polymer Chemistry</i> , 2015, 6, 5021-5025.	1.9	38
350	Glyco-Nanoparticles Made from Self-Assembly of Maltoheptaose-block-Poly(methyl methacrylate). <i>Journal of Polymer Science Part B: Polymer Physics</i> , 2015, 53, 2633-2641.	2.6	34
351	Macro-RAFT agent mediated dispersion copolymerization: a small amount of solvophilic co-monomer leads to a great change. <i>Polymer Chemistry</i> , 2015, 6, 4911-4920.	1.9	45
352	Fabrication of porous polymer microspheres by tuning amphiphilicity of the polymer and emulsion solvent evaporation processing. <i>European Polymer Journal</i> , 2015, 68, 409-418.	2.6	21
353	Predictive modelling-based design and experiments for synthesis and spinning of bioinspired silk fibres. <i>Nature Communications</i> , 2015, 6, 6892.	5.8	118
354	Synthesis and characterization of poly(amino acid methacrylate)-stabilized diblock copolymer nano-objects. <i>Polymer Chemistry</i> , 2015, 6, 1805-1816.	1.9	71
355	Large-Area Block Copolymer Photonic Gel Films with Solvent-Evaporation-Induced Red- and Blue-Shift Reflective Bands. <i>Macromolecules</i> , 2015, 48, 4004-4011.	2.2	31
356	Distortion of Ultrathin Photocleavable Block Copolymer Films during Photocleavage and Nanopore Formation. <i>Langmuir</i> , 2015, 31, 8947-8952.	1.6	14

#	ARTICLE	IF	CITATIONS
357	Temperature-Sensitive Polymersomes for Controlled Delivery of Anticancer Drugs. <i>Chemistry of Materials</i> , 2015, 27, 7945-7956.	3.2	118
358	Toward Anisotropic Hybrid Materials: Directional Crystallization of Amphiphilic Polyoxazoline-Based Triblock Terpolymers. <i>ACS Nano</i> , 2015, 9, 10085-10098.	7.3	29
359	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends. , 2015, , 1-41.		3
360	Patterning two-dimensional free-standing surfaces with mesoporous conducting polymers. <i>Nature Communications</i> , 2015, 6, 8817.	5.8	193
361	Transformation and patterning of supermicelles using dynamic holographic assembly. <i>Nature Communications</i> , 2015, 6, 10009.	5.8	38
362	Amino acid modified hyperbranched poly(ethylene imine) with disaccharide decoration as anionic core-shell architecture: Influence of the pH and molecular architecture on solution behaviour. <i>Polymer</i> , 2015, 80, 188-204.	1.8	4
363	Time-Dependent Investigation of Surface Nanostructures of Weak-Phase-Separated Block Copolymer Films. <i>Langmuir</i> , 2015, 31, 9026-9032.	1.6	1
364	Hierarchical multi-lamellar silica vesicle clusters synthesized through self-assembly and mineralization. <i>RSC Advances</i> , 2015, 5, 102256-102260.	1.7	4
365	Crystallization-Driven Solution Self-Assembly of Block Copolymers with a Photocleavable Junction. <i>Journal of the American Chemical Society</i> , 2015, 137, 2203-2206.	6.6	64
366	Encapsulation and Covalent Binding of Molecular Payload in Enzymatically Activated Micellar Nanocarriers. <i>Journal of the American Chemical Society</i> , 2015, 137, 2276-2284.	6.6	56
367	Synthesis of multifunctional poly(1-pyrenemethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td (methacrylate)-b-poly(N-isopropylacrylamide) nanofibers for metal ion sensory applications. <i>Polymer Chemistry</i> , 2015, 6, 2327-2336.	1.9	17
368	Structured nanoporous surfaces from hybrid block copolymer micelle films with metal ions. <i>Nanotechnology</i> , 2015, 26, 095302.	1.3	4
369	Thermoresponsive and self-assembly behaviors of poly(oligo(ethylene glycol) methacrylate) based cyclodextrin cored star polymer and pseudo-graft polymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 471, 178-189.	2.3	12
370	Self-Assembly of Amphiphilic Block Copolymer-Ethered Nanoparticles: a New Approach to Nanoscale Design of Functional Materials. <i>Macromolecular Rapid Communications</i> , 2015, 36, 711-725.	2.0	44
371	A Dual-Responsive Supra-Amphiphilic Polypseudorotaxane Constructed from a Water-Soluble Pillar[7]arene and an Azobenzene-Containing Random Copolymer. <i>Journal of the American Chemical Society</i> , 2015, 137, 1440-1443.	6.6	272
372	Phase Diagrams of Polynorbornene Amphiphilic Block Copolymers in Solution. <i>Macromolecules</i> , 2015, 48, 1152-1161.	2.2	50
373	Diblock copolymer micelles as surface-functionalized particles and direct decoration of nanoparticles on their surface. <i>Polymer</i> , 2015, 61, 15-19.	1.8	6
374	Templated Self-Assembly of Block Copolymers and Morphology Transformation Driven by the Rayleigh Instability. <i>Langmuir</i> , 2015, 31, 1660-1669.	1.6	35

#	ARTICLE	IF	CITATIONS
375	Fabrication of Micropatterned Polymeric Nanowire Arrays for High-Resolution Reagent Localization and Topographical Cellular Control. <i>Nano Letters</i> , 2015, 15, 1540-1546.	4.5	22
376	RAFT Dispersion Polymerization in Nonpolar Media: Polymerization of 3-Phenylpropyl Methacrylate in <i>n</i> -Tetradecane with Poly(stearyl methacrylate) Homopolymers as Macro Chain Transfer Agents. <i>Macromolecules</i> , 2015, 48, 236-244.	2.2	129
377	Interfacial Tension-Hindered Phase Transfer of Polystyrene- <i>b</i> -poly(ethylene oxide) Polymersomes from a Hydrophobic Ionic Liquid to Water. <i>Langmuir</i> , 2015, 31, 594-601.	1.6	15
378	Branched Micelles by Living Crystallization-Driven Block Copolymer Self-Assembly under Kinetic Control. <i>Journal of the American Chemical Society</i> , 2015, 137, 2375-2385.	6.6	101
379	Self-Assembled Structures of PMAA- <i>b</i> -PMMA Block Copolymers: Synthesis, Characterization, and Self-Consistent Field Computations. <i>Macromolecules</i> , 2015, 48, 1194-1203.	2.2	18
380	Regulation of the self-assembly morphology of azobenzene-bearing double hydrophobic block copolymers in aqueous solution by shifting the dynamic host-guest complexation. <i>Polymer Chemistry</i> , 2015, 6, 2214-2225.	1.9	22
381	Assembly of Reconfigurable Colloidal Structures by Multidirectional Field-Induced Interactions. <i>Langmuir</i> , 2015, 31, 7897-7908.	1.6	89
382	Pathway toward Large Two-Dimensional Hexagonally Patterned Colloidal Nanosheets in Solution. <i>Journal of the American Chemical Society</i> , 2015, 137, 1392-1395.	6.6	68
383	Semi-crystalline polymethylene- <i>b</i> -poly(acrylic acid) diblock copolymers: aggregation behavior, confined crystallization and controlled growth of semicrystalline micelles from dilute DMF solution. <i>Soft Matter</i> , 2015, 11, 1778-1787.	1.2	26
384	Polymerization induced self-assembly: tuning of nano-object morphology by use of CO <sub>2</sub> . <i>Polymer Chemistry</i> , 2015, 6, 2249-2254.	1.9	65
385	Controlling Internal Pore Sizes in Bicontinuous Polymeric Nanospheres. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2457-2461.	7.2	56
386	Simple Preparation of Various Nanostructures via <i>In Situ</i> Nanoparticlization of Polyacetylene Blocklike Copolymers by One-Shot Polymerization. <i>Macromolecules</i> , 2015, 48, 1390-1397.	2.2	53
387	Self-assemblies of the six-armed star triblock ABC copolymer: pH-tunable morphologies and drug release. <i>Polymer Chemistry</i> , 2015, 6, 2934-2944.	1.9	31
388	Complete dissociation and reassembly behavior as studied by using poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	1.2	4
389	Liquid marbles prepared from pH-responsive self-assembled micelles. <i>Soft Matter</i> , 2015, 11, 1954-1961.	1.2	20
390	Effect of Temperature on Self-Assembly of Amphiphilic Block-Gradient Copolymers of Styrene and Acrylic Acid. <i>Macromolecular Symposia</i> , 2015, 348, 25-32.	0.4	6
391	Amphiphilic ABC triblock terpolymer templated large-pore mesoporous silicas. <i>Materials Letters</i> , 2015, 141, 176-179.	1.3	5
392	Cyclic azobenzene-containing amphiphilic diblock copolymers: solution self-assembly and unusual photo-responsive behaviors. <i>Polymer Chemistry</i> , 2015, 6, 3009-3013.	1.9	14

#	ARTICLE	IF	CITATIONS
393	Encapsulation of Au Nanoparticles by Poly(4-Vinylpyridine)-Block-Polystyrene-Block-Poly(4-Vinylpyridine) for Controlled Chain Assembly. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 153-158.	1.9	7
394	Organogelators based on the norbornane scaffold. <i>Supramolecular Chemistry</i> , 2015, 27, 425-435.	1.5	2
395	Bioactive Polymersomes Self-Assembled from Amphiphilic PPO-GlycoPolypeptides: Synthesis, Characterization, and Dual-Dye Encapsulation. <i>Langmuir</i> , 2015, 31, 3402-3412.	1.6	34
396	Hierarchically tunable porous carbon spheres derived from larch sawdust and application for efficiently removing Cr (â...ç) and Pb (â...j). <i>Materials Chemistry and Physics</i> , 2015, 155, 52-58.	2.0	18
397	Multicompartment Nanoparticles of Poly(4-vinylpyridine) Graft Block Terpolymer: Synthesis and Application as Scaffold for Efficient Au Nanocatalyst. <i>Macromolecules</i> , 2015, 48, 1380-1389.	2.2	48
398	Nanostructured magnetic nanocomposites as MRI contrast agents. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2241-2276.	2.9	104
399	Comparative evaluation of polymersome versus micelle structures as vehicles for the controlled release of drugs. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	55
400	Structural and dynamic characteristics of a star-shaped calixarene-containing polymer in aqueous solutions: the formation of mixed-shell micelles in the presence of poly(methacrylic acid). <i>Polymer Science - Series A</i> , 2015, 57, 6-12.	0.4	13
401	Self-assembly of cyclic polymers. <i>Polymer Chemistry</i> , 2015, 6, 2998-3008.	1.9	111
402	Solution Self-Assembly of Block Copolymers Containing a Branched Hydrophilic Block into Inverse Bicontinuous Cubic Mesophases. <i>ACS Nano</i> , 2015, 9, 3084-3096.	7.3	55
403	Effect of water content on the size and membrane thickness of polystyrene-block-poly(ethylene oxide) vesicles. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 661-668.	2.0	9
404	Supramolecular drug delivery platforms in photodynamic therapy. , 2015, , 465-485.		3
405	Kinetic Model of the Amphiphilic Copolymers with Hyperbranched Core Formed by AB2Monomer and Bfinitiator. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 271-278.	0.6	1
406	Mesoporous monoliths of inverse bicontinuous cubic phases of block copolymer bilayers. <i>Nature Communications</i> , 2015, 6, 6392.	5.8	57
407	Porphyrim-containing amphiphilic block copolymers for photodynamic therapy. <i>Polymer Chemistry</i> , 2015, 6, 2945-2954.	1.9	62
408	Self-assembly concepts for multicompartment nanostructures. <i>Nanoscale</i> , 2015, 7, 11841-11876.	2.8	279
409	Enhancement of dielectric permittivity by incorporating PDMS-PEG multiblock copolymers in silicone elastomers. <i>RSC Advances</i> , 2015, 5, 53054-53062.	1.7	44
410	Nanoparticles of the poly([N-(2-hydroxypropyl)]methacrylamide)-b-poly[2-(diisopropylamino)ethyl methacrylate] diblock copolymer for pH-triggered release of paclitaxel. <i>Polymer Chemistry</i> , 2015, 6, 4946-4954.	1.9	31

#	ARTICLE	IF	CITATIONS
411	Amphiphilic poly(disulfide) micelles and a remarkable impact of the core hydrophobicity on redox responsive disassembly. <i>Polymer Chemistry</i> , 2015, 6, 6465-6474.	1.9	30
412	Fluorescent polymeric aggregates induced by Eu <sup>3+</sup> ions and their surface morphologies. <i>Optical Materials</i> , 2015, 46, 28-33.	1.7	5
413	Ethanollic RAFT Dispersion Polymerization of 2-(Naphthalen-2-yloxy)ethyl Methacrylate and 2-Phenoxyethyl Methacrylate with Poly[2-(dimethylamino)ethyl Methacrylate] Macro-Chain Transfer Agents. <i>Australian Journal of Chemistry</i> , 2015, 68, 939.	0.5	20
414	Amphiphilic hybrids containing inorganic constituent: More than soap. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 151-160.	3.4	10
415	Origami with ABC Triblock Terpolymers Based on Glycopolymers: Creation of Virus-Like Morphologies. <i>ACS Macro Letters</i> , 2015, 4, 579-583.	2.3	65
416	Dielectric discontinuity in equilibrium block copolymer micelles. <i>Soft Matter</i> , 2015, 11, 7081-7085.	1.2	5
417	Morphological Control of Anisotropic Self-Assemblies from Alternating Poly( <i>p</i> -dioxanone)-poly(ethylene glycol) Multiblock Copolymer Depending on the Combination Effect of Crystallization and Micellization. <i>Langmuir</i> , 2015, 31, 6971-6980.	1.6	18
418	Poly(thiolactone) homo- and copolymers from maleimide thiolactone: synthesis and functionalization. <i>Polymer Chemistry</i> , 2015, 6, 4240-4251.	1.9	33
419	Multiple hydrogen bonding mediates the formation of multicompartement micelles and hierarchical self-assembled structures from pseudo A-block-(B-graft-C) terpolymers. <i>Polymer Chemistry</i> , 2015, 6, 5110-5124.	1.9	21
420	Alkoxyamine-functionalized latex nanoparticles through RAFT polymerization-induced self-assembly in water. <i>Polymer Chemistry</i> , 2015, 6, 5405-5413.	1.9	35
421	Fabrication of Epoxy Vesicles using Self-Assembling Polystyrene- <i>Montmorillonite</i> Nanocomposite Reusable Template. <i>Langmuir</i> , 2015, 31, 8260-8266.	1.6	6
422	A study on emulsion stabilization induced with linear and cyclized polystyrene-poly(ethylene oxide) block copolymer surfactants. <i>Polymer Journal</i> , 2015, 47, 408-412.	1.3	5
423	Solvent-Driven Formation of Worm-Like Micelles Assembled from a CO <sub>2</sub> -Responsive Triblock Copolymer. <i>Langmuir</i> , 2015, 31, 8756-8763.	1.6	24
424	Polymerization-induced self-assembly driving chiral nanostructured materials. <i>Polymer Chemistry</i> , 2015, 6, 6152-6162.	1.9	53
425	Synthesis and Self-Assembly of Toothbrush-like Block Copolymers. <i>Macromolecules</i> , 2015, 48, 4250-4255.	2.2	16
426	Optimization of Magnetic Inks Made of L <sub>1</sub> -Ordered FePt Nanoparticles and Polystyrene- <i>block</i> -Poly(ethylene oxide) Copolymers. <i>Langmuir</i> , 2015, 31, 6675-6680.	1.6	10
427	Controllable Nanostructure Formation through Enthalpy-Driven Assembly of Polyoxometalate Clusters and Block Copolymers. <i>Macromolecules</i> , 2015, 48, 4104-4114.	2.2	36
428	Determination of the Lamellae-to-Disorder Heat of Transition in a Short Diblock Copolymer by Relaxation Calorimetry. <i>Macromolecules</i> , 2015, 48, 4733-4741.	2.2	8



#	ARTICLE	IF	CITATIONS
429	Pickering Emulsion Polymerization. , 2015, , 1634-1639.		0
430	Nonvolatile memories using the electrets of conjugated rod-coil block copolymer and its nanocomposite with single wall carbon nanotubes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 551-558.	2.7	23
431	Thermosensitive mixed shell polymeric micelles decorated with gold nanoparticles at the outmost surface: tunable surface plasmon resonance and enhanced catalytic properties with excellent colloidal stability. <i>RSC Advances</i> , 2015, 5, 47458-47465.	1.7	21
432	Polymer Flocculants. , 2015, , 1884-1892.		0
433	Unimolecular micelles of amphiphilic cyclodextrin-core star-like block copolymers for anticancer drug delivery. <i>Chemical Communications</i> , 2015, 51, 15768-15771.	2.2	102
434	Aqueous Polymerization-Induced Self-Assembly for the Synthesis of Ketone-Functionalized Nano-Objects with Low Polydispersity. <i>ACS Macro Letters</i> , 2015, 4, 495-499.	2.3	184
435	Thermoresponsive Micelles from Double LCST-Poly(3-methyl- <i>N</i> -vinylcaprolactam) Block Copolymers for Cancer Therapy. <i>ACS Macro Letters</i> , 2015, 4, 308-311.	2.3	66
436	Preparation of size-controlled polymer particles by polymerization of O/W emulsion monomer droplets obtained through phase inversion temperature emulsification using amphiphilic comb-like block polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 68-78.	2.3	21
437	Light-Triggered, Self-Immolative Nucleic Acid-Drug Nanostructures. <i>Journal of the American Chemical Society</i> , 2015, 137, 6112-6115.	6.6	179
438	Styrenic block copolymer-based nanocomposites: Implications of nanostructuring and nanofiller tailored dispersion on the dielectric properties. <i>Polymer</i> , 2015, 64, 139-152.	1.8	25
439	Reversible complexation/disassembly of thermo-responsive vesicles and nanospheres of diblock copolymers synthesized by dispersion RAFT polymerization. <i>Polymer</i> , 2015, 66, 8-15.	1.8	8
440	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <i>Chemical Reviews</i> , 2015, 115, 7240-7303.	23.0	869
441	Crystallisation-driven self-assembly of poly(2-isopropyl-2-oxazoline)-block-poly(2-methyl-2-oxazoline) above the LCST. <i>Soft Matter</i> , 2015, 11, 3354-3359.	1.2	46
442	PEG based random copolymer micelles as drug carriers: the effect of hydrophobe content on drug solubilization and cytotoxicity. <i>RSC Advances</i> , 2015, 5, 16265-16276.	1.7	34
443	Mesoscale modelling of environmentally responsive hydrogels: emerging applications. <i>Chemical Communications</i> , 2015, 51, 10083-10095.	2.2	24
444	Supramolecular Polymer Networks and Gels. <i>Advances in Polymer Science</i> , 2015, , .	0.4	39
445	Facile synthesis of drug-conjugated PHPMA core-crosslinked star polymers. <i>Polymer Chemistry</i> , 2015, 6, 4258-4263.	1.9	45
446	Supramolecular Nanofibrillar Polymer Hydrogels. <i>Advances in Polymer Science</i> , 2015, , 167-208.	0.4	24

#	ARTICLE	IF	CITATIONS
447	Synthesis and self-assembly of well-defined binary graft copolymer and its use in superhydrophobic cotton fabrics preparation. <i>RSC Advances</i> , 2015, 5, 46132-46145.	1.7	17
448	Dinonylphenyl end-capped poly(ethylene glycol)-b-polystyrene: synthesis and its unusual crystalline and self-assembly behaviors. <i>Journal of Materials Science</i> , 2015, 50, 4280-4287.	1.7	1
449	A facile route to diverse assemblies by host-guest recognition. <i>Polymer Chemistry</i> , 2015, 6, 3716-3727.	1.9	16
450	Polypeptide vesicles with densely packed multilayer membranes. <i>Soft Matter</i> , 2015, 11, 4091-4098.	1.2	40
451	Photo-induced conversion from supramolecular to covalently linked polymers based on anthracene-appended amphiphiles. <i>Polymer Chemistry</i> , 2015, 6, 4162-4166.	1.9	14
452	Insights into Noncovalently Core Cross-Linked Block Copolymer Micelles by Fluorescence Resonance Energy Transfer (FRET) Studies. <i>Macromolecules</i> , 2015, 48, 3360-3367.	2.2	33
453	Crystallization ability of poly(lactic acid) block segments in templating poly(ethylene oxide-b-lactic acid) block copolymer. <i>Polymer Chemistry</i> , 2015, 6, 22625-22637.	1.7	9
454	Concurrent self-assembly of amphiphiles into nanoarchitectures with increasing complexity. <i>Nano Today</i> , 2015, 10, 278-300.	6.2	62
455	CO <sub>2</sub> -induced reversible morphology transition from giant worms to polymersomes assembled from a block-random segmented copolymer. <i>Polymer Chemistry</i> , 2015, 6, 2900-2908.	1.9	30
456	Reproducible Access to Tunable Morphologies via the Self-Assembly of an Amphiphilic Diblock Copolymer in Water. <i>ACS Macro Letters</i> , 2015, 4, 381-386.	2.3	46
457	Trigger Chemistries for Better Industrial Formulations. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6369-6382.	4.0	58
458	Ultrahigh molecular weight, lignosulfonate-based polymers: preparation, self-assembly behaviours and dispersion property in coal-water slurry. <i>RSC Advances</i> , 2015, 5, 21588-21595.	1.7	50
459	Towards engineering of self-assembled nanostructures using non-ionic dendritic amphiphiles. <i>Chemical Communications</i> , 2015, 51, 8648-8651.	2.2	34
460	A hydrophobic adsorbent based on hierarchical porous polymers derived from morphologies of a biomineral. <i>Chemical Communications</i> , 2015, 51, 7919-7922.	2.2	22
461	Solution-Phase Self-Assembly of Complementary Halogen Bonding Polymers. <i>Journal of the American Chemical Society</i> , 2015, 137, 5080-5086.	6.6	56
462	Supramolecular Polymers (Host-Guest Interactions). , 2015, , 2402-2406.		0
463	Intermolecular Interactions and Self-Assembly in Aqueous Solution of a Mixture of Anionic-Neutral and Cationic-Neutral Block Copolymers. <i>Macromolecules</i> , 2015, 48, 7222-7229.	2.2	43
464	Extraordinary boundary morphologies of large-scale ordered domains of spheres in thin films of a narrowly dispersed diblock copolymer via thermodynamic control. <i>Nanoscale</i> , 2015, 7, 17756-17763.	2.8	6

#	ARTICLE	IF	CITATIONS
465	Polyhedral Oligomeric Silsesquioxanes (POSS)., 2015, , 1835-1841.		0
466	Macro-RAFT agent mediated dispersion polymerization: the monomer concentration effect on the morphology of the in situ synthesized block copolymer nano-objects. <i>Polymer Chemistry</i> , 2015, 6, 8003-8011.	1.9	39
467	Acid-Disintegratable Polymersomes of pH-Responsive Amphiphilic Diblock Copolymers for Intracellular Drug Delivery. <i>Macromolecules</i> , 2015, 48, 7262-7272.	2.2	104
468	Polymer-Based Sensors. , 2015, , 1938-1944.		0
469	Photodimerization as an alternative to photocrosslinking of nanoparticles: proof of concept with amphiphilic linear polyoxazoline bearing coumarin unit. <i>Polymer Chemistry</i> , 2015, 6, 6029-6039.	1.9	25
470	Self-assembly of some long-tail surfactants driven by water addition in ethanol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 484, 253-261.	2.3	7
471	Equilibrium Self-Assembly, Structure, and Dynamics of Clusters of Star-Like Micelles. <i>ACS Macro Letters</i> , 2015, 4, 1128-1133.	2.3	13
472	Photo-PISA: Shedding Light on Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2015, 4, 1249-1253.	2.3	324
473	Structure and phase behaviour of diblock copolymer monolayers investigated by means of Monte Carlo simulation. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 415101.	0.7	5
474	Poly(Arylene Ethynylene)s. , 2015, , 1658-1664.		124
475	Preparation and Self-Assembly of Supramolecular Coilâ€“Rodâ€“Coil Triblock Copolymer PPOâ€“dsDNAâ€“PPO. <i>Macromolecules</i> , 2015, 48, 7550-7556.	2.2	19
476	Distributions of a Linear Homopolymer Additive in an Ordered Block Copolymer Matrix As Quantified by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2015, 48, 7574-7584.	2.2	2
477	Controlled micellar disassembly of photo- and pH-cleavable linear-dendritic block copolymers. <i>Polymer Chemistry</i> , 2015, 6, 6826-6835.	1.9	30
478	Asymmetrical vesicles: convenient <i>in situ</i> RAFT synthesis and controllable structure determination. <i>Polymer Chemistry</i> , 2015, 6, 6563-6572.	1.9	17
479	Parallel Arrays of Sub-10 nm Aligned Germanium Nanofins from an In Situ Metal Oxide Hardmask using Directed Self-Assembly of Block Copolymers. <i>Chemistry of Materials</i> , 2015, 27, 6091-6096.	3.2	23
480	Glass transition and quantum yield for fluorescent labelled polystyrene core-forming block in self-assembled nanomicelles of amphiphilic diblock copolymers. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	10
481	Worm-Like Micelles and Vesicles: Adjusting the Morphology of Self-Assembled Fructose Based Block Copolymers by Fine-Tuning the Processing Parameters. <i>ACS Symposium Series</i> , 2015, , 91-105.	0.5	1
482	Controlling Internal Pore Sizes in Bicontinuous Polymeric Nanospheres. <i>Angewandte Chemie</i> , 2015, 127, 2487-2491.	1.6	13

#	ARTICLE	IF	CITATIONS
483	Synthesis of Star Polymers. , 2015, , 2459-2484.		1
484	Highlighting the Role of the Random Associating Block in the Self-Assembly of Amphiphilic Block-Random Copolymers. <i>Macromolecules</i> , 2015, 48, 7613-7619.	2.2	14
485	A new and facile way to fabricate catalytically active block copolymer/Au nanoparticle multilayer thin films at the air/liquid interface. <i>RSC Advances</i> , 2015, 5, 86564-86571.	1.7	9
486	Cyclic polymers revealing topology effects upon self-assemblies, dynamics and responses. <i>Soft Matter</i> , 2015, 11, 7458-7468.	1.2	130
487	Hierarchical nanostructures of tunable shapes through self-aggregation of POSS end-functional polymer and poly(ionic liquid) hybrids. <i>Polymer</i> , 2015, 77, 32-41.	1.8	23
488	A colloidal assembly approach to synthesize magnetic porous composite nanoclusters for efficient protein adsorption. <i>Nanoscale</i> , 2015, 7, 17617-17622.	2.8	19
489	Techniques To Control Polymersome Size. <i>Macromolecules</i> , 2015, 48, 7396-7409.	2.2	134
490	Self-Decomposing Dendrimers. , 2015, , 2203-2209.		0
491	Starch and Dextran. , 2015, , 2249-2254.		4
492	The influence of polymer architecture on in vitro pDNA transfection. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7477-7493.	2.9	66
493	Polyacrylonitrile (PAN). , 2015, , 1745-1750.		8
494	Terminal modification of polymeric micelles with $\Gamma$ -conjugated moieties for efficient anticancer drug delivery. <i>Biomaterials</i> , 2015, 71, 1-10.	5.7	125
495	Self-assembly of lipids in water. Exact results from a one-dimensional lattice model. <i>Molecular Physics</i> , 2015, 113, 1022-1032.	0.8	6
496	The Copolymer Blending Method: A New Approach for Targeted Assembly of Micellar Nanoparticles. <i>Macromolecules</i> , 2015, 48, 6516-6522.	2.2	40
497	Redox-Responsive Amphiphilic Macromolecular [2]Pseudorotaxane Constructed from a Water-Soluble Pillar[5]arene and a Paraquat-Containing Homopolymer. <i>ACS Macro Letters</i> , 2015, 4, 996-999.	2.3	59
498	Effects of interfacial tension on formation of poly(ethylene oxide)-block-polystyrene micelles from emulsions. <i>RSC Advances</i> , 2015, 5, 4350-4354.	1.7	6
499	Polymerization-Induced Self-Assembly Using Visible Light Mediated Photoinduced Electron Transfer-Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>ACS Macro Letters</i> , 2015, 4, 984-990.	2.3	235
500	In situ nano-objects via RAFT aqueous dispersion polymerization of 2-methoxyethyl acrylate using poly(ethylene oxide) macromolecular chain transfer agent as steric stabilizer. <i>Polymer</i> , 2015, 76, 17-24.	1.8	56

#	ARTICLE	IF	CITATIONS
501	Decreased Core Crystallinity Facilitated Drug Loading in Polymeric Micelles without Affecting Their Biological Performances. <i>Biomacromolecules</i> , 2015, 16, 2920-2929.	2.6	47
502	Persistence length of dendronized polymers: the self-consistent field theory. <i>Soft Matter</i> , 2015, 11, 9367-9378.	1.2	22
503	Temperature-Dependent Multidimensional Self-Assembly of Polyphenylene-Based "Rod-Coil-Graft" Polymers. <i>Journal of the American Chemical Society</i> , 2015, 137, 11602-11605.	6.6	63
504	<i>Polymer Catalysts.</i> , 2015, , 1864-1871.		2
505	Vesicular Nanostructure Formation by Self-Assembly of Anisotropic Penta-phenol-Substituted Fullerene in Water. <i>Langmuir</i> , 2015, 31, 13600-13608.	1.6	7
506	Polymerization-Induced Self-Assembly of All-Acrylic Diblock Copolymers via RAFT Dispersion Polymerization in Alkanes. <i>Macromolecules</i> , 2015, 48, 8594-8607.	2.2	85
508	Influence of Thin Film Confinement on Surface Plasticity in Polystyrene and Poly(2-vinylpyridine) Homopolymer and Block Copolymer Films. <i>Macromolecules</i> , 2015, 48, 5670-5676.	2.2	6
509	Semi-crystalline diblock copolymer nano-objects prepared via RAFT alcoholic dispersion polymerization of stearyl methacrylate. <i>Polymer Chemistry</i> , 2015, 6, 1751-1757.	1.9	55
510	Thermodynamics versus Kinetics in Nanosynthesis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2022-2051.	7.2	400
511	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
512	Synthesis and self-assembly in aqueous solution of amphiphilic diblock copolymers containing hyperbranched polyethylene. <i>Polymer</i> , 2015, 57, 125-131.	1.8	7
513	Self-assembly and disassembly of a redox-responsive ferrocene-containing amphiphilic block copolymer for controlled release. <i>Polymer Chemistry</i> , 2015, 6, 1817-1829.	1.9	112
514	Nanoribbons with semicrystalline core dispersed in a visible-light photopolymerized epoxy network. <i>Polymer</i> , 2015, 56, 300-308.	1.8	20
515	Stimuli-Responsive Nanomaterials for Biomedical Applications. <i>Journal of the American Chemical Society</i> , 2015, 137, 2140-2154.	6.6	442
516	Optical Properties of Gyroid Structured Materials: From Photonic Crystals to Metamaterials. <i>Advanced Optical Materials</i> , 2015, 3, 12-32.	3.6	213
517	Synthesis and self-assembly of poly(ferrocenyldimethylsilane)-block-poly(2-alkyl-2-oxazoline) block copolymers. <i>Polymer Chemistry</i> , 2015, 6, 1604-1612.	1.9	11
518	Directed self-assembly of block copolymers for nanocircuitry fabrication. <i>Microelectronic Engineering</i> , 2015, 132, 207-217.	1.1	103
519	Synthesis via ATRP, kinetics study and characterization (molecular-morphological) of 3-arm star diblock copolymers of the (PS- <i>b</i> -P2VP) <sub>3</sub> type. <i>Journal of Polymer Science Part A</i> , 2015, 53, 23-32.	2.5	10

#	ARTICLE	IF	CITATIONS
520	Nanoporous membranes generated from self-assembled block polymer precursors: <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	72
521	Chemical encoding of amphiphilic copolymers for a dual controlled release from their assemblies. <i>Polymer Chemistry</i> , 2015, 6, 5596-5601.	1.9	26
522	Two-Dimensional Soft Nanomaterials: A Fascinating World of Materials. <i>Advanced Materials</i> , 2015, 27, 403-427.	11.1	437
523	Macromolecular Self-assembly. , 2016, , .		5
524	Aggregation and Micellization Behavior of Amphiphilic Random Copolymers Bearing Various Hydrophobic Groups in Aqueous Solution. <i>Kobunshi Ronbunshu</i> , 2016, 73, 547-555.	0.2	1
525	Stimuli-Responsive Block Copolymer-Based Assemblies for Cargo Delivery and Theranostic Applications. <i>Polymers</i> , 2016, 8, 268.	2.0	65
526	Triggered Release from Thermoresponsive Polymersomes with Superparamagnetic Membranes. <i>Materials</i> , 2016, 9, 29.	1.3	26
527	Supramolecular Nanostructures Based on Cyclodextrin and Poly(ethylene oxide): Syntheses, Structural Characterizations and Applications for Drug Delivery. <i>Polymers</i> , 2016, 8, 198.	2.0	26
528	Solid-supported polymer bilayers formed by coil-coil block copolymers. <i>Soft Matter</i> , 2016, 12, 6442-6450.	1.2	9
529	Synthesis and Solution Self-Assembly of Polyisoprene-block-poly(ferrocenylmethylsilane): A Diblock Copolymer with an Atactic but Semicrystalline Core-Forming Metalloblock. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1671-1682.	1.1	11
530	One-pot, solvent-free, metal-free synthesis and UCST-based purification of poly(ethylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	2.5	8
531	Enzyme-Responsive Polymeric Vesicles for Bacterial-Strain-Selective Delivery of Antimicrobial Agents. <i>Angewandte Chemie</i> , 2016, 128, 1792-1796.	1.6	43
532	Polycatechol Nanoparticle MRI Contrast Agents. <i>Small</i> , 2016, 12, 668-677.	5.2	64
533	Polymerization of a Photocleavable Monomer Using Visible Light. <i>Macromolecular Rapid Communications</i> , 2016, 37, 905-910.	2.0	50
534	Versatile and controlled functionalization of polyferrocenylsilane-block-polyvinylsiloxane block copolymers using a N-hydroxysuccinimidyl ester strategy. <i>Journal of Polymer Science Part A</i> , 2016, 54, 245-252.	2.5	9
535	An insight into polymerization-induced self-assembly by dissipative particle dynamics simulation. <i>Soft Matter</i> , 2016, 12, 6422-6429.	1.2	28
536	Preparation of non-spherical particles from amphiphilic block copolymers. <i>Journal of Polymer Science Part A</i> , 2016, 54, 750-757.	2.5	21
537	Polymerization-induced self-assembly of block copolymer through dispersion RAFT polymerization in ionic liquid. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1517-1525.	2.5	32

#	ARTICLE	IF	CITATIONS
538	From toroidal to rod-like nanostructure, a mechanism study for the reversible morphological control on amphiphilic triblock copolymer micelles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1450-1457.	2.4	11
539	The Effect of Hydrophile Topology in RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2016, 128, 3803-3807.	1.6	22
540	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
541	Microphase Separation within Disk Shaped Aggregates of Triblock Bottlebrushes. <i>Macromolecular Rapid Communications</i> , 2016, 37, 605-609.	2.0	14
542	Self-Assembly of Amphiphilic Anthracene-Functionalized $\beta$ -Cyclodextrin (CD-AN) through Multi-Micelle Aggregation. <i>Macromolecular Rapid Communications</i> , 2016, 37, 998-1004.	2.0	15
543	Quantitative Control of Pore Size of Mesoporous Carbon Nanospheres through the Self-Assembly of Diblock Copolymer Micelles in Solution. <i>Small</i> , 2016, 12, 3155-3163.	5.2	117
544	Solution-Based Fabrication of Narrow-Disperse ABC Three-Segment and $\Gamma$ -Shaped Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6182-6186.	7.2	43
545	Fabrication of Dual-Redox Responsive Supramolecular Copolymers Using a Reducible $\beta$ -Cyclodextran-Ferrocene Double-Head Unit. <i>ACS Macro Letters</i> , 2016, 5, 873-878.	2.3	62
546	The Effect of Hydrophile Topology in RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3739-3743.	7.2	126
547	Surface functionalization of nanobiomaterials for application in stem cell culture, tissue engineering, and regenerative medicine. <i>Biotechnology Progress</i> , 2016, 32, 554-567.	1.3	40
548	On the Orthogonality of Two Thiol-Based Modular Ligations. <i>Chemistry - A European Journal</i> , 2016, 22, 1511-1521.	1.7	23
549	Morphological Evolution of Self-Assembled Structures Induced by the Molecular Architecture of Supra-Amphiphiles. <i>Langmuir</i> , 2016, 32, 13706-13715.	1.6	16
550	Leucine-Based Block Copolymer Nano-Objects <i>via</i> Polymerization-Induced Self-Assembly (PISA). <i>Macromolecular Symposia</i> , 2016, 369, 101-107.	0.4	8
551	Multicompartment Micelles by Aqueous Self-Assembly of $\frac{1}{4}$ -A(BC) <i>Mikto</i> brush Terpolymers. <i>ACS Omega</i> , 2016, 1, 1027-1033.	1.6	21
552	Picoliter Drop-On-Demand Dispensing for Multiplex Liquid Cell Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2016, 22, 507-514.	0.2	12
553	Synthesis and self-assembly of ABC linear triblock copolymers to target CO <sub>2</sub> -responsive multicompartment micelles. <i>RSC Advances</i> , 2016, 6, 86728-86735.	1.7	8
554	Shape-Controlled Nanoparticles for Drug Delivery and Targeting Applications. , 2016, , 159-184.		2
555	Selective crosslinking or addressing of individual domains within block copolymer nanostructures. <i>European Polymer Journal</i> , 2016, 80, 317-331.	2.6	25

#	ARTICLE	IF	CITATIONS
556	Construction of ferrocene-containing nanomaterials via self-assembly of ferrocenyl hyperbranched polyethylene. <i>Journal of Organometallic Chemistry</i> , 2016, 821, 48-53.	0.8	5
557	GISAXS and GISANS as metrology technique for understanding the 3D morphology of block copolymer thin films. <i>European Polymer Journal</i> , 2016, 81, 470-493.	2.6	74
558	Synthesis of highly porous poly(tert-butyl acrylate)-b-polysulfone-b-poly(tert-butyl acrylate) asymmetric membranes. <i>Polymer Chemistry</i> , 2016, 7, 3076-3089.	1.9	28
559	Elastomeric Conducting Polyaniline Formed Through Topological Control of Molecular Templates. <i>ACS Nano</i> , 2016, 10, 5991-5998.	7.3	25
560	Synthesis and Mechanism Insight of a Peptide-Grafted Hyperbranched Polymer Nanosheet with Weak Positive Charges but Excellent Intrinsically Antibacterial Efficacy. <i>Biomacromolecules</i> , 2016, 17, 2080-2086.	2.6	58
561	PFS- <i>b</i> -PNIPAM: A First Step toward Polymeric Nanofibrillar Hydrogels Based on Uniform Fiber-Like Micelles. <i>Macromolecules</i> , 2016, 49, 4265-4276.	2.2	28
562	Cornucopia of Nanoscale Ordered Phases in Sphere-Forming Tetrablock Terpolymers. <i>ACS Nano</i> , 2016, 10, 4961-4972.	7.3	93
563	A review of solute encapsulating nanoparticles used as delivery systems with emphasis on branched amphipathic peptide capsules. <i>Archives of Biochemistry and Biophysics</i> , 2016, 596, 22-42.	1.4	31
564	The generation of polymeric nano-bowls through 3D confined assembly and disassembly. <i>Soft Matter</i> , 2016, 12, 3683-3687.	1.2	31
565	Use of complementary nucleobase-containing synthetic polymers to prepare complex self-assembled morphologies in water. <i>Polymer Chemistry</i> , 2016, 7, 2836-2846.	1.9	29
566	Self-Assembly of Oligosaccharide- <i>b</i> -PMMA Block Copolymer Systems: Glyco-Nanoparticles and Their Degradation under UV Exposure. <i>Langmuir</i> , 2016, 32, 4538-4545.	1.6	12
567	Synthesis of fluorinated block copolymer and superhydrophobic cotton fabrics preparation. <i>Progress in Organic Coatings</i> , 2016, 97, 122-132.	1.9	31
568	Fluorescent supracolloidal polymer chains with quantum dots. <i>Chemical Communications</i> , 2016, 52, 6475-6478.	2.2	26
569	Polyvinylferrocene-Based Amphiphilic Block Copolymers Featuring Functional Junction Points for Cross-Linked Micelles. <i>Macromolecules</i> , 2016, 49, 3406-3414.	2.2	29
570	Splitting of Surface-Immobilized Multicompartment Micelles into Clusters upon Charge Inversion. <i>ACS Nano</i> , 2016, 10, 5180-5188.	7.3	12
571	Self-assembly of amphiphilic macrocycles containing polymeric liquid crystal grafts in solution. <i>Polymer Chemistry</i> , 2016, 7, 2785-2789.	1.9	13
572	Promotion of morphology transition of di-block copolymer nano-objects via RAFT dispersion copolymerization. <i>Polymer Chemistry</i> , 2016, 7, 3259-3267.	1.9	60
573	A diols-responsive triple-component supra-amphiphile constructed from pillar[5]arene-based recognition. <i>RSC Advances</i> , 2016, 6, 47281-47284.	1.7	5



#	ARTICLE	IF	CITATIONS
574	Construction of reduction-responsive photosensitizers based on amphiphilic block copolymers and their application for photodynamic therapy. <i>Polymer</i> , 2016, 97, 323-334.	1.8	24
575	<i>In Situ</i> Synthesis of Block Copolymer Nanoassemblies via Polymerization-Induced Self-Assembly in Poly(ethylene glycol). <i>Macromolecules</i> , 2016, 49, 3789-3798.	2.2	85
576	Theoretical simulations of nanostructures self-assembled from copolymer systems. <i>Polymer Chemistry</i> , 2016, 7, 3783-3811.	1.9	41
577	Controlling Interlamellar Spacing in Periodically Grafted Amphiphilic Copolymers. <i>Macromolecules</i> , 2016, 49, 3254-3263.	2.2	25
578	Engineered non-toxic cationic nanocarriers with photo-triggered slow-release properties. <i>Polymer Chemistry</i> , 2016, 7, 3451-3464.	1.9	19
579	Tuning of Polymeric Nanoparticles by Coassembly of Thermoresponsive Polymers and a Double Hydrophilic Thermoresponsive Block Copolymer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4635-4643.	1.2	11
580	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. <i>Science</i> , 2016, 352, 697-701.	6.0	305
581	Slow slip near the trench at the Hikurangi subduction zone, New Zealand. <i>Science</i> , 2016, 352, 701-704.	6.0	242
582	Self-assembly and micelle-to-vesicle transition from star triblock ABC copolymers based on a cyclodextrin core. <i>Polymer Chemistry</i> , 2016, 7, 3406-3415.	1.9	17
583	5. Selected applications of electrospun fibers and chemistry of corresponding polymers. , 2016, , 128-172.		0
584	Room temperature aqueous self-assembly of poly(ethylene glycol)-poly(4-vinyl pyridine) block copolymers: From spherical to worm-like micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 447-453.	2.5	11
585	Size Control and Fractionation of Ionic Liquid Filled Polymersomes with Glassy and Rubbery Bilayer Membranes. <i>Langmuir</i> , 2016, 32, 4959-4968.	1.6	13
586	Microphase separation of poly(tert-butyl methacrylate)-block-polystyrene diblock copolymers to form perforated lamellae. <i>Polymer</i> , 2016, 94, 1-7.	1.8	9
587	Interconversion of Triply Periodic Constant Mean Curvature Surface Structures: From Double Diamond to Single Gyroid. <i>Chemistry of Materials</i> , 2016, 28, 3691-3702.	3.2	46
588	Multi-stimuli responsive amine-containing polyethers: Novel building blocks for smart assemblies. <i>Polymer</i> , 2016, 93, 221-239.	1.8	16
589	Elucidating dominant pathways of the nano-particle self-assembly process. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23494-23499.	1.3	20
590	Poly(ethylene imine)-Triggered Morphological Change of Anisotropic Micelles from Direct Aqueous Self-Assembly of an Amphiphilic Diblock Copolymer. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2165-2171.	1.1	0
591	Polymerization&#x2010;Induced Self&#x2010;Assembly: The Contribution of Controlled Radical Polymerization to The Formation of Self&#x2010;Stabilized Polymer Particles of Various Morphologies. , 0, , 33-82.		40

#	ARTICLE	IF	CITATIONS
592	One-Dimensional Supramolecular Nanoplatfoms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. <i>Biomacromolecules</i> , 2016, 17, 3234-3243.	2.6	31
593	Self-Assembled PAEP-PLLA Micelles with Varied Hydrophilic Block Lengths for Tumor Cell Targeting. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 23450-23462.	4.0	16
594	Synergistic Transcutaneous Immunotherapy Enhances Antitumor Immune Responses through Delivery of Checkpoint Inhibitors. <i>ACS Nano</i> , 2016, 10, 8956-8963.	7.3	275
595	Two-Dimensional Mesoscale-Ordered Conducting Polymers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12516-12521.	7.2	89
596	Novel Templating Route Using Pt Infiltrated Block Copolymer Microparticles for Catalytic Pt Functionalized Macroporous WO <sub>3</sub> Nanofibers and Its Application in Breath Pattern Recognition. <i>ACS Sensors</i> , 2016, 1, 1124-1131.	4.0	66
597	Micro/Mesoporous Platinum-SiCN Nanocomposite Catalysts (Pt@SiCN): From Design to Catalytic Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 15508-15512.	1.7	48
598	Dynamic Mechanical Properties of Networks of Wormlike Micelles Formed by Self-Assembled Comblike Amphiphilic Copolyelectrolytes. <i>Macromolecules</i> , 2016, 49, 7045-7053.	2.2	4
599	Polypeptide self-assemblies: nanostructures and bioapplications. <i>Chemical Society Reviews</i> , 2016, 45, 5985-6012.	18.7	137
600	Lateral Growth of 1D Core-Crystalline Micelles upon Annealing in Solution. <i>Macromolecules</i> , 2016, 49, 7004-7014.	2.2	26
601	Enzyme responsive self-assembled amphiphilic diblock copolymer synthesized by the combination of NMP and macromolecular azo coupling reaction. <i>European Polymer Journal</i> , 2016, 84, 236-244.	2.6	20
602	pH-Controlled Rheological Properties of Mixed Amphiphilic Triblock Copolymers. <i>Macromolecules</i> , 2016, 49, 7469-7477.	2.2	8
603	Complex Macromolecular Architectures of Copolymer Solution Assemblies for Regenerative Medicine and Drug Delivery. , 2016, , 23-39.		0
604	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. <i>Macromolecules</i> , 2016, 49, 7825-7836.	2.2	49
605	Nanomorphological Diversity of Self-Assembled Cyclopeptisomes Investigated via Thermodynamic and Kinetic Controls. <i>Macromolecules</i> , 2016, 49, 7426-7433.	2.2	7
606	Topological Effect on the Structure of Self-Assembled Aggregates from Amphiphilic Macromolecules in Solution. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 559-570.	0.6	4
607	Formation and Properties of Vesicles from Cyclic Amphiphilic PS-PEO Block Copolymers. <i>Langmuir</i> , 2016, 32, 10344-10349.	1.6	13
608	How a Small Modification of the Corona-Forming Block Redirects the Self-Assembly of Crystalline-Coil Block Copolymers in Solution. <i>Macromolecules</i> , 2016, 49, 7975-7984.	2.2	17
609	Versatile Method to Expand the Morphology Library of Block Copolymer Solution Self-Assemblies with Tubular Structures. <i>ACS Macro Letters</i> , 2016, 5, 1180-1184.	2.3	26

#	ARTICLE	IF	CITATIONS
610	Thermal and scattering studies of Tetronic® 1304 micelles in the presence of industrially important glycols, their oligomers, cellosolves, carbitols, ethers and esters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 576-585.	2.3	13
611	Poly(2-hydroxyethyl methacrylate)-Based Amphiphilic Block Copolymers for High Water Flux Membranes and Ceramic Templates. <i>Macromolecules</i> , 2016, 49, 7286-7295.	2.2	48
612	From well-defined poly( N -acryloylmorpholine)-stabilized nanospheres to uniform mannuronan- and guluronan-decorated nanoparticles by RAFT polymerization-induced self-assembly. <i>Polymer</i> , 2016, 106, 218-228.	1.8	39
613	Effect of chain microstructure on self-assembly and emulsification of amphiphilic poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	19
614	Co-assembly of polyoxometalates and peptides towards biological applications. <i>Soft Matter</i> , 2016, 12, 8464-8479.	1.2	37
615	A facile approach for the fabrication of 2D supermicelle networks. <i>Chemical Communications</i> , 2016, 52, 12360-12363.	2.2	5
616	RAFT-Polymerization-Induced Self-Assembly and Reorganizations: Ultrahigh-Molecular-Weight Polymer and Morphology-Tunable Micro-Nanoparticles in One Pot. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1735-1741.	2.0	23
617	Stability of polymersomes prepared by size exclusion chromatography and extrusion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 739-746.	2.3	35
618	Influence of mixed common solvent on the co-assembled morphology of PS-b-PEO and CdS quantum dots. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1079-1090.	2.0	4
619	A pH and redox dual stimuli-responsive poly(amino acid) derivative for controlled drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 396-405.	2.5	40
620	Cellulose oligomers production and separation for the synthesis of new fully bio-based amphiphilic compounds. <i>Carbohydrate Polymers</i> , 2016, 154, 121-128.	5.1	21
621	Cooperation of Amphiphilicity and Crystallization for Regulating the Self-Assembly of Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.6	27
622	High-Capacity Drug Carriers from Common Polymer Amphiphiles. <i>Biomacromolecules</i> , 2016, 17, 3060-3066.	2.6	9
623	Chimeric lipid/block copolymer nanovesicles: Physico-chemical and bio-compatibility evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 295-309.	2.0	29
625	Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D Self-Seeding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11392-11396.	7.2	108
626	pH-Sensitive Vesicles Formed by Amphiphilic Grafted Copolymers with Tunable Membrane Permeability for Drug Loading/Release: A Multiscale Simulation Study. <i>Macromolecules</i> , 2016, 49, 6084-6094.	2.2	58
627	CO <sub>2</sub> -expanded liquid assisted self-assembly between Disperse Red 1 and PS-b-P4VP. <i>RSC Advances</i> , 2016, 6, 77796-77804.	1.7	2
628	Block Co-PolyMOCs by Stepwise Self-Assembly. <i>Journal of the American Chemical Society</i> , 2016, 138, 10708-10715.	6.6	65

#	ARTICLE	IF	CITATIONS
629	Formation and Reversible Morphological Transition of Bicontinuous Nanospheres and Toroidal Micelles by the Self-Assembly of a Crystalline Coil Diblock Copolymer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10102-10107.	7.2	44
630	Self-Organization of Polyurethane Pre-Polymers as Studied by Self-Consistent Field Theory. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 16-27.	0.6	13
631	Construction of Supramolecular Assemblies from Self-Organization of Amphiphilic Molecular Isomers. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2265-2270.	1.7	7
632	pH and Salt Effects on Surface Activity and Self-Assembly of Copolymers Containing a Weak Polybase. <i>Langmuir</i> , 2016, 32, 9286-9292.	1.6	7
633	RAFT alcoholic dispersion polymerization with polymerization-induced self-assembly. <i>Polymer</i> , 2016, 106, 161-181.	1.8	139
634	Controlling Multicompartment Morphologies Using Solvent Conditions and Chemical Modification. <i>ACS Macro Letters</i> , 2016, 5, 1044-1048.	2.3	32
635	Formation and Reversible Morphological Transition of Bicontinuous Nanospheres and Toroidal Micelles by the Self-Assembly of a Crystalline Coil Diblock Copolymer. <i>Angewandte Chemie</i> , 2016, 128, 10256-10261.	1.6	12
636	Anomalistic Self-Assembled Phase Behavior of Block Copolymer Blended with Organic Derivative Depending on Temperature. <i>Macromolecules</i> , 2016, 49, 6541-6548.	2.2	5
637	GSH-responsive polymeric micelles based on the thio-ene reaction for controlled drug release. <i>RSC Advances</i> , 2016, 6, 80896-80904.	1.7	9
638	Rapid ordering of block copolymer thin films. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 403002.	0.7	80
639	A multitechnique approach on adsorption, self-assembly and quercetin solubilization by Tetronics <sup>®</sup> micelles in aqueous solutions modulated by glycine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 411-421.	2.5	27
640	Precisely Controlled 2D Free-Floating Nanosheets of Amphiphilic Molecules through Frame-Guided Assembly. <i>Advanced Materials</i> , 2016, 28, 9819-9823.	11.1	59
641	Effect of Directional Hydrogen Bonding on the Self-Assembly of Anisotropically-Shaped Macroions. <i>ChemistrySelect</i> , 2016, 1, 4345-4349.	0.7	12
642	Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D Self-Seeding. <i>Angewandte Chemie</i> , 2016, 128, 11564-11568.	1.6	12
643	Thermoresponsive behaviour of terpolymers containing poly(ethylene oxide), poly(2-ethyl-2-oxazoline) and poly( $\mu$ -caprolactone) blocks in aqueous solutions: an NMR study. <i>Colloid and Polymer Science</i> , 2016, 294, 1717-1726.	1.0	12
644	Morphology control of three-dimensional nanostructures in porous templates using lamella-forming block copolymers and solvent vapors. <i>Soft Matter</i> , 2016, 12, 8087-8092.	1.2	12
645	Targeting cells of the immune system: mannosylated HPMA-LMA block-copolymer micelles for targeting of dendritic cells. <i>Nanomedicine</i> , 2016, 11, 2679-2697.	1.7	22
646	Co-loading of Magnetic Particles and an Anionic Drug into pH-sensitive Triblock Polymeric Nanocarriers. <i>Chemistry Letters</i> , 2016, 45, 694-696.	0.7	2

#	ARTICLE	IF	CITATIONS
647	Nanoscopic Visualization of Soft Matter Using Fluorescent Diarylethene Photoswitches. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12698-12702.	7.2	106
648	Two-Dimensional Mesoscale-Ordered Conducting Polymers. <i>Angewandte Chemie</i> , 2016, 128, 12704-12709.	1.6	21
649	Synthesis and characterization of poly (ethyl methacrylate)-b-poly(dimethyl siloxane)-b-poly(ethyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2016, 23, 1.	1.2	4
650	Sequential Block Copolymer Self-Assemblies Controlled by Metal-Ligand Stoichiometry. <i>Langmuir</i> , 2016, 32, 6429-6436.	1.6	12
651	Functional Supramolecular Polypeptides Involving $\pi$ - $\pi$ Stacking and Strong Hydrogen-Bonding Interactions: A Conformation Study toward Carbon Nanotubes (CNTs) Dispersion. <i>Macromolecules</i> , 2016, 49, 5374-5385.	2.2	52
652	Synthesis and self-assembly of high molecular weight polystyrene-block-poly[2-(N-morpholino)ethyl methacrylate]: A story about microphase separation, amphiphilicity, and stimuli-responsivity. <i>Polymer</i> , 2016, 107, 357-367.	1.8	14
653	Low-Temperature Synthesis of Thermoresponsive Diblock Copolymer Nano-Objects via Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) using Thermoresponsive Macro-RAFT Agents. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1434-1440.	2.0	70
654	Nanoparticle Loading Induced Morphological Transitions and Size Fractionation of Coassemblies from PS-b-PAA with Quantum Dots. <i>Langmuir</i> , 2016, 32, 7596-7605.	1.6	10
655	Kinetic trapping – a strategy for directing the self-assembly of unique functional nanostructures. <i>Chemical Communications</i> , 2016, 52, 11870-11884.	2.2	100
656	Alcoholic Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA): A Fast Route toward Poly(isobornyl acrylate)-Based Diblock Copolymer Nano-Objects. <i>ACS Macro Letters</i> , 2016, 5, 894-899.	2.3	79
657	How the Polymerization Procedures Affect the Morphology of the Block Copolymer Nanoassemblies: Comparison between Dispersion RAFT Polymerization and Seeded RAFT Polymerization. <i>Macromolecules</i> , 2016, 49, 8167-8176.	2.2	41
658	Broadening the range of vesicle formation by heating. <i>RSC Advances</i> , 2016, 6, 98639-98645.	1.7	2
659	Nanoskopische Bildgebung weicher Materie mittels fluoreszierender Diarylethen-Photoschalter. <i>Angewandte Chemie</i> , 2016, 128, 12890-12894.	1.6	21
660	DNA-Decorated Luminescent Vesicles as Drug Carriers. <i>ChemistrySelect</i> , 2016, 1, 5389-5396.	0.7	7
661	Growth of semiconducting single-wall carbon nanotubes with a narrow band-gap distribution. <i>Nature Communications</i> , 2016, 7, 11160.	5.8	75
662	Universality between Experiment and Simulation of a Diblock Copolymer Melt. <i>Physical Review Letters</i> , 2016, 117, 217801.	2.9	29
663	Theranostic unimolecular micelles of highly fluorescent conjugated polymer bottlebrushes for far red/near infrared bioimaging and efficient anticancer drug delivery. <i>Polymer Chemistry</i> , 2016, 7, 7455-7468.	1.9	57
664	Block Copolymer Capsules with Structure-Dependent Release Behavior. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14633-14637.	7.2	60

#	ARTICLE	IF	CITATIONS
665	Microfibrils and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. <i>Nature Communications</i> , 2016, 7, 12371.	5.8	43
666	Block Copolymer Capsules with Structure-Dependent Release Behavior. <i>Angewandte Chemie</i> , 2016, 128, 14853-14857.	1.6	1
667	Electrostatic tuning of block copolymer morphologies by inorganic macroions. <i>Polymer</i> , 2016, 106, 53-61.	1.8	12
668	Controlling molecular transport in minimal emulsions. <i>Nature Communications</i> , 2016, 7, 10392.	5.8	182
669	Glycopolypeptide-Grafted Bioactive Polyionic Complex Vesicles (PICsomes) and Their Specific Polyvalent Interactions. <i>ACS Omega</i> , 2016, 1, 600-612.	1.6	10
670	Using DNA to program the self-assembly of colloidal nanoparticles and microparticles. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	281
671	Polymersomes mimic biofilms fractal growth. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	3
672	Self-Assembly of Amphiphilic Block Copolypeptoids " Micelles, Worms and Polymersomes. <i>Scientific Reports</i> , 2016, 6, 33491.	1.6	61
673	A straightforward approach for one-pot synthesis of noncovalently connected graft copolymers with unique self-assembly nanostructures. <i>Polymer Chemistry</i> , 2016, 7, 6992-7001.	1.9	6
674	Shaping polymersomes into predictable morphologies via out-of-equilibrium self-assembly. <i>Nature Communications</i> , 2016, 7, 12606.	5.8	127
675	Hairy cylinders based on a coil-comb-coil copolymer. <i>RSC Advances</i> , 2016, 6, 104911-104918.	1.7	4
676	Controllable synthesis of mesoporous carbon nanoparticles based on PAN-b-PMMA diblock copolymer micelles generated via RAFT polymerization as electrode materials for supercapacitors. <i>RSC Advances</i> , 2016, 6, 103843-103850.	1.7	11
677	Nanoscale self-assemblies of PEG-poly(amino acid) block copolymers: Polymeric micellar DDS. <i>Drug Delivery System</i> , 2016, 31, 283-292.	0.0	0
678	Ruthenium-Containing Block Copolymer Assemblies: "Light-Responsive Metallopolymers with Tunable Nanostructures for Enhanced Cellular Uptake and Anticancer Phototherapy. <i>Advanced Healthcare Materials</i> , 2016, 5, 467-473.	3.9	87
679	Polymeric filomicelles and nanoworms: two decades of synthesis and application. <i>Polymer Chemistry</i> , 2016, 7, 4295-4312.	1.9	110
680	Self-Assembled Blends of AB/BAB Block Copolymers Prepared through Dispersion RAFT Polymerization. <i>Macromolecules</i> , 2016, 49, 4490-4500.	2.2	69
681	Cellular Uptake and Movement in 2D and 3D Multicellular Breast Cancer Models of Fructose-Based Cylindrical Micelles That Is Dependent on the Rod Length. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16622-16630.	4.0	72
682	Controlling amphiphilic copolymer self-assembly morphologies based on macrocycle/anion recognition and nucleotide-induced payload release. <i>Chemical Science</i> , 2016, 7, 6006-6014.	3.7	42

#	ARTICLE	IF	CITATIONS
683	CO <sub>2</sub> -responsive polymeric materials: synthesis, self-assembly, and functional applications. <i>Chemical Society Reviews</i> , 2016, 45, 4391-4436.	18.7	293
684	Glycine elicited self-assembly of amphiphilic star block copolymers with contradistinct hydrophobicities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 234-244.	2.3	21
685	Polyferrocenylsilanes: synthesis, properties, and applications. <i>Chemical Society Reviews</i> , 2016, 45, 5358-5407.	18.7	259
686	Nanoparticle-Induced Ellipse-to-Vesicle Morphology Transition of Rod-Coil-Rod Triblock Copolymer Aggregates. <i>Langmuir</i> , 2016, 32, 6917-6927.	1.6	21
687	Design of block copolymer membranes using segregation strength trend lines. <i>Molecular Systems Design and Engineering</i> , 2016, 1, 278-289.	1.7	24
688	Impact of Conformational and Chemical Correlations on Microphase Segregation in Random Copolymers. <i>Macromolecules</i> , 2016, 49, 4358-4368.	2.2	17
689	Self-Assembly of Maltoheptaose-block-polycaprolactone Copolymers: Carbohydrate-Decorated Nanoparticles with Tunable Morphology and Size in Aqueous Media. <i>Macromolecules</i> , 2016, 49, 4178-4194.	2.2	29
690	Controllable Cooperative Self-Assembly of PS- <i>b</i> -PAA/PS- <i>b</i> -P4VP Mixture by Tuning the Intercorona Interaction. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5527-5533.	1.2	17
691	Temporal and Triggered Evolution of Host-Guest Characteristics in Amphiphilic Polymer Assemblies. <i>Journal of the American Chemical Society</i> , 2016, 138, 7508-7511.	6.6	24
692	Facile preparation of bridged silsesquioxane microspheres with interconnected multi-cavities and open holes. <i>RSC Advances</i> , 2016, 6, 21571-21576.	1.7	4
693	Structural Requirements of Block Copolymers for Self-Assembly into Inverse Bicontinuous Cubic Mesophases in Solution. <i>Macromolecules</i> , 2016, 49, 4510-4519.	2.2	38
694	Star Polymers. <i>Chemical Reviews</i> , 2016, 116, 6743-6836.	23.0	653
695	Radiolabeling polymeric micelles for in vivo evaluation: a novel, fast, and facile method. <i>EJNMMI Research</i> , 2016, 6, 12.	1.1	24
696	Rational controlled morphological transitions in the self-assembled multi-headed giant surfactants in solution. <i>Chemical Communications</i> , 2016, 52, 8687-8690.	2.2	34
697	Versatile self-assembly of supramolecular block copolymers with ionic cluster junctions. <i>Polymer Chemistry</i> , 2016, 7, 3216-3220.	1.9	13
698	Synthesis of Polystyrene-block-Poly(4-vinylpyridine) Ellipsoids through MacroRAFT-Agent-Mediated Dispersion Polymerization: The Solvent Effect on the Morphology of the In Situ Synthesized Block Copolymer Nanoobjects. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 467-476.	1.1	12
699	Competition Between Effects of Pore Sizes and Annealing Solvents on the Morphology Manipulation of 3D Block Copolymer Nanostructures Using Anodic Aluminum Oxide Templates. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1376-1383.	1.1	5
700	Molecular insights into the pH-induced self-assembly of CTAB/PPA system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 276-283.	2.3	24

#	ARTICLE	IF	CITATIONS
701	Morphological dependence on the addition of a soft middle block segment to rigid POSS-containing triblock copolymers for forming cylindrical nanostructures. <i>RSC Advances</i> , 2016, 6, 62172-62180.	1.7	15
702	Close-Packed Spherical Morphology in an ABA Triblock Copolymer Aligned with Large-Amplitude Oscillatory Shear. <i>Macromolecules</i> , 2016, 49, 4875-4888.	2.2	7
703	Assembly and Reassembly of Polyelectrolyte Complex Formed by Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td (glycol)-<i>i> Macromolecules, 2016, 49, 4627-4633.	2.2	7
704	Frustrated phases under three-dimensional confinement simulated by a set of coupled Cahn-Hilliard equations. <i>Soft Matter</i> , 2016, 12, 5905-5914.	1.2	30
705	Strategies for Inorganic Incorporation using Neat Block Copolymer Thin Films for Etch Mask Function and Nanotechnological Application. <i>Advanced Materials</i> , 2016, 28, 5586-5618.	11.1	135
706	Solution-Based Fabrication of Narrow-Disperse ABC Three-Segment and $\Gamma$ -Shaped Nanoparticles. <i>Angewandte Chemie</i> , 2016, 128, 6290-6294.	1.6	8
707	Quasi-Block Copolymers Based on a General Polymeric Chain Stopper. <i>Chemistry - A European Journal</i> , 2016, 22, 10203-10210.	1.7	7
708	Self-Assembly of Polyurethane Phosphate Ester with Phospholipid-Like Structures: Spherical, Worm-Like Micelles, Vesicles, and Large Compound Vesicles. <i>ACS Macro Letters</i> , 2016, 5, 238-243.	2.3	37
709	Block copolymers: controlling nanostructure to generate functional materials – synthesis, characterization, and engineering. <i>Chemical Science</i> , 2016, 7, 1674-1689.	3.7	139
710	Postalkylation of a Common mPEG- <i>b</i> -PAGE Precursor to Produce Tunable Morphologies of Spheres, Filomicelles, Disks, and Polymersomes. <i>ACS Macro Letters</i> , 2016, 5, 128-133.	2.3	14
711	Photoresponsive amphiphilic azobenzene-PEG self-assembles to form supramolecular nanostructures for drug delivery applications. <i>RSC Advances</i> , 2016, 6, 8103-8117.	1.7	22
712	Precision polymers with biological activity: Design towards self-assembly and bioactivity. <i>Comptes Rendus Chimie</i> , 2016, 19, 143-147.	0.2	10
713	Synthesis and self-assembly of a dual thermal and pH-responsive ternary graft copolymer for sustained release drug delivery. <i>RSC Advances</i> , 2016, 6, 2571-2581.	1.7	5
714	Facile production of nanoaggregates with tuneable morphologies from thermoresponsive P(DEGMA-co-HPMA). <i>Polymer Chemistry</i> , 2016, 7, 430-440.	1.9	74
715	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
716	Supramolecular Architectures of Dendritic Amphiphiles in Water. <i>Chemical Reviews</i> , 2016, 116, 2079-2102.	23.0	174
717	Retaining individualities: the photodynamics of self-ordering porphyrin assemblies. <i>Chemical Communications</i> , 2016, 52, 1938-1941.	2.2	11
718	A versatile approach to prepare ultralong nanofibers by coassembly of block copolymers and nanoparticles in emulsions. <i>New Journal of Chemistry</i> , 2016, 40, 4556-4561.	1.4	4



#	ARTICLE	IF	CITATIONS
719	Cyclic Graft Copolymer Unimolecular Micelles: Effects of Cyclization on Particle Morphology and Thermoresponsive Behavior. <i>Macromolecules</i> , 2016, 49, 2802-2813.	2.2	60
720	Synergy of Two Assembly Languages in DNA Nanostructures: Self-Assembly of Sequence-Defined Polymers on DNA Cages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4416-4425.	6.6	92
721	Novel micellar form of poplar propolis with high cytotoxic activity. <i>RSC Advances</i> , 2016, 6, 30728-30731.	1.7	6
722	Disk-like micelles with cylindrical pores from amphiphilic polypeptide block copolymers. <i>Polymer Chemistry</i> , 2016, 7, 2815-2820.	1.9	22
723	Patchy Wormlike Micelles with Tailored Functionality by Crystallization-Driven Self-Assembly: A Versatile Platform for Mesosstructured Hybrid Materials. <i>Macromolecules</i> , 2016, 49, 2761-2771.	2.2	73
724	Instantaneous Directional Growth of Block Copolymer Nanowires During Heterogeneous Radical Polymerization (HRP). <i>Nano Letters</i> , 2016, 16, 2873-2877.	4.5	4
725	Triply responsive soft matter nanoparticles based on poly[oligo(ethylene glycol) methyl ether methacrylate- <i>block</i> -3-phenylpropyl methacrylate] copolymers. <i>Polymer Chemistry</i> , 2016, 7, 2740-2750.	1.9	24
726	Block Copolymer Membranes for Aqueous Solution Applications. <i>Macromolecules</i> , 2016, 49, 2905-2916.	2.2	212
727	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2016, 138, 4484-4493.	6.6	90
728	Mixing Water, Transducing Energy, and Shaping Membranes: Autonomously Self-Regulating Giant Vesicles. <i>Langmuir</i> , 2016, 32, 2151-2163.	1.6	57
729	â€œCrossâ€•Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. <i>Journal of the American Chemical Society</i> , 2016, 138, 4087-4095.	6.6	58
730	One-pot preparation of BAB triblock copolymer nano-objects through bifunctional macromolecular RAFT agent mediated dispersion polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1953-1962.	1.9	29
731	Facile synthesis of bowl-shaped nitrogen-doped carbon hollow particles templated by block copolymer â€œkippah vesiclesâ€•for high performance supercapacitors. <i>Polymer Chemistry</i> , 2016, 7, 2092-2098.	1.9	58
732	Amphiphilic functional block copolymers bearing a reactive furfuryl group via RAFT polymerization; reversible core cross-linked micelles via a Dielsâ€•Alder â€œclick reactionâ€•. <i>RSC Advances</i> , 2016, 6, 2455-2463.	1.7	18
733	Optically active hollow nanoparticles constructed by chirally helical substituted polyacetylene. <i>Polymer Chemistry</i> , 2016, 7, 1675-1681.	1.9	31
734	Porous films by the self-assembly of inorganic rod-b-coil block copolymers: mechanistic insights into the vesicle-to-pore morphological evolution. <i>Soft Matter</i> , 2016, 12, 3084-3092.	1.2	2
735	Re-assembly behaviors of block copolymer micelles on substrates: effects of block length and interaction force. <i>Colloid and Polymer Science</i> , 2016, 294, 181-187.	1.0	2
736	Lipase-catalyzed synthesis of oxidation-responsive poly(ethylene glycol)- <i>b</i> -poly( $\beta$ -thioether ester) amphiphilic block copolymers. <i>RSC Advances</i> , 2016, 6, 11870-11879.	1.7	39

#	ARTICLE	IF	CITATIONS
737	Fluorescence Studies of Polymer Containing Systems. Springer Series on Fluorescence, 2016, , .	0.8	7
738	Preparation of Inert Polystyrene Latex Particles as MicroRNA Delivery Vectors by Surfactant-Free RAFT Emulsion Polymerization. Biomacromolecules, 2016, 17, 965-973.	2.6	26
739	Redox-Responsive Multicompartment Vesicles of Ferrocene-Containing Triblock Terpolymer Exhibiting Onâ€œOff Switchable Pores. ACS Macro Letters, 2016, 5, 88-93.	2.3	99
740	Room temperature synthesis of poly(poly(ethylene glycol) methyl ether methacrylate)-based diblock copolymer nano-objects via Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Polymer Chemistry, 2016, 7, 2372-2380.	1.9	102
741	Self-Assembly of Amphiphilic Block Copolymers in Selective Solvents. Springer Series on Fluorescence, 2016, , 27-63.	0.8	53
742	Building nanostructures with drugs. Nano Today, 2016, 11, 13-30.	6.2	122
743	Polymeric micelles from block copolymers containing 2,6-diacylaminopyridine units for encapsulation of hydrophobic drugs. RSC Advances, 2016, 6, 24066-24075.	1.7	16
744	Assembly of nothing: equilibrium fluids with designed structured porosity. Soft Matter, 2016, 12, 2663-2667.	1.2	41
745	Synthesis, characterisation and Pickering emulsifier performance of poly(stearyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 Td (methacry dispersion polymerisation in n-dodecane. Polymer Chemistry, 2016, 7, 1882-1891.	1.9	50
746	Synthesis and characterisation of non-ionic AB-diblock nanoparticles prepared by RAFT dispersion polymerization with polymerization-induced self-assembly. RSC Advances, 2016, 6, 28130-28139.	1.7	13
747	Chromatographic study of the conformational behavior of graft copolymers with a broad distribution of grafting densities in dilute solutions in selective solvents for grafts. Journal of Liquid Chromatography and Related Technologies, 2016, 39, 50-58.	0.5	11
748	Recent progress in fabrication techniques of graphene nanoribbons. Materials Horizons, 2016, 3, 186-207.	6.4	127
749	Smart block copolymers of PVP and an alkylated PVP derivative: synthesis, characterization, thermoresponsive behaviour and self-assembly. Polymer Chemistry, 2016, 7, 1138-1146.	1.9	13
750	Ultra-large sheet formation by 1D to 2D hierarchical self-assembly of a â€œrodâ€œ-coilâ€œ-graft copolymer with a polyphenylene backbone. Polymer Chemistry, 2016, 7, 1234-1238.	1.9	13
751	The Thermodynamics of Long-Tail Surfactant Aggregation Driven by Water Addition in Ethanol. Journal of Solution Chemistry, 2016, 45, 126-139.	0.6	5
752	Sequential oligodiacetylene formation for progressive luminescent color conversion via co-micellar strategy. Chemical Science, 2016, 7, 2058-2065.	3.7	34
753	Core-Corona Micelles Formed by Self-Assembly of Random Copolymer and Homopolymer Mixtures: Dissipative Particle Dynamics Simulations. Journal of Dispersion Science and Technology, 2016, 37, 625-632.	1.3	0
754	Dissipative Particle Dynamics Simulations on the Self-Assembly of New Segmented Random-Block Copolymers in Selective Solvents. Journal of Dispersion Science and Technology, 2016, 37, 900-907.	1.3	1

#	ARTICLE	IF	CITATIONS
755	Polymer assembly: Promising carriers as co-delivery systems for cancer therapy. <i>Progress in Polymer Science</i> , 2016, 58, 1-26.	11.8	86
756	Cell sensing of physical properties at the nanoscale: Mechanisms and control of cell adhesion and phenotype. <i>Acta Biomaterialia</i> , 2016, 30, 26-48.	4.1	152
757	$\hat{\pm}$ -TOS-based RAFT block copolymers and their NPs for the treatment of cancer. <i>Polymer Chemistry</i> , 2016, 7, 838-850.	1.9	18
758	Molecular simulations of confined crystallization in the microdomains of diblock copolymers. <i>Progress in Polymer Science</i> , 2016, 54-55, 232-258.	11.8	39
759	Controlling and imaging biomimetic self-assembly. <i>Nature Chemistry</i> , 2016, 8, 10-15.	6.6	460
760	Evaluation of zwitterionic polymersomes spontaneously formed by pH-sensitive and biocompatible PEG based random copolymers as drug delivery systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 107-116.	2.5	26
761	Copper-Mediated Living Radical Polymerization (Atom Transfer Radical Polymerization and Copper(0)) Tj ETQqO 0 0 rgBT /Overlock 10 T 1803-1949.	23.0	405
762	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. <i>Polymer Chemistry</i> , 2016, 7, 402-409.	1.9	27
763	Controlled Radical Polymerization at and from Solid Surfaces. <i>Advances in Polymer Science</i> , 2016, , .	0.4	5
764	Engineering Functional Polymer Capsules toward Smart Nanoreactors. <i>Chemical Reviews</i> , 2016, 116, 1053-1093.	23.0	337
765	Phase Behavior and Self-Assembly of Perfectly Sequence-Defined and Monodisperse Multiblock Copolypeptides. <i>Biomacromolecules</i> , 2017, 18, 599-609.	2.6	47
766	Cubosomes from hierarchical self-assembly of poly(ionic liquid) block copolymers. <i>Nature Communications</i> , 2017, 8, 14057.	5.8	70
767	Surfactant-free RAFT emulsion polymerization using a novel biocompatible thermoresponsive polymer. <i>Polymer Chemistry</i> , 2017, 8, 1353-1363.	1.9	62
768	Systematic characterization of Pluronic <sup>®</sup> micelles and their application for solubilization and in vitro release of some hydrophobic anticancer drugs. <i>Journal of Molecular Liquids</i> , 2017, 230, 473-481.	2.3	68
769	Deciphering the Effect of Polymer-Assisted Doping on the Optoelectronic Properties of Block Copolymer-Anchored Graphene Oxide. <i>Langmuir</i> , 2017, 33, 1460-1470.	1.6	14
770	Polymerization-induced self-assembly of PVAc-b-PVDF block copolymers via RAFT dispersion polymerization of vinylidene fluoride in dimethyl carbonate. <i>Polymer Chemistry</i> , 2017, 8, 1477-1487.	1.9	47
771	An insight into aqueous photoinitiated polymerization-induced self-assembly (photo-PISA) for the preparation of diblock copolymer nano-objects. <i>Polymer Chemistry</i> , 2017, 8, 1315-1327.	1.9	101
772	Hydrophobic Monomer Type and Hydrophilic Monomer Ionization Modulate the Lyotropic Phase Stability of Diblock Co-oligomer Amphiphiles. <i>Langmuir</i> , 2017, 33, 1013-1022.	1.6	2

#	ARTICLE	IF	CITATIONS
773	In situ synthesis of block copolymer nano-assemblies by polymerization-induced self-assembly under heterogeneous condition. Chinese Journal of Polymer Science (English Edition), 2017, 35, 455-479.	2.0	77
774	Spherical micelle formation by mixed quaternary ammonium surfactants with long, and short, tails in ethanol/water solvent and micellar freezing upon solubilising styrene polymerisation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 513, 274-279.	2.3	2
775	$\text{CO}_2$ -switchable polymeric vesicle-network structure transition induced by a hairpin-line molecular configuration conversion. Journal of Applied Polymer Science, 2017, 134, .	1.3	2
776	Emergent Properties of Giant Vesicles Formed by a Polymerization-Induced Self-Assembly (PISA) Reaction. Scientific Reports, 2017, 7, 41534.	1.6	55
777	Interactions and design rules for assembly of porous colloidal mesophases. Soft Matter, 2017, 13, 1335-1343.	1.2	29
778	Asymmetric Flasklike Hollow Carbonaceous Nanoparticles Fabricated by the Synergistic Interaction between Soft Template and Biomass. Journal of the American Chemical Society, 2017, 139, 2657-2663.	6.6	139
779	UV light- and thermo-responsive supramolecular aggregates with tunable morphologies from the inclusion complexation of dendritic/linear polymers. Chemical Communications, 2017, 53, 2463-2466.	2.2	27
780	Fabrication of virus-like particles with strip-pattern surface: A two-step self-assembly approach. Chinese Chemical Letters, 2017, 28, 839-844.	4.8	4
781	Vesicles of double hydrophilic pullulan and poly(acrylamide) block copolymers: a combination of synthetic- and bio-derived blocks. Polymer Chemistry, 2017, 8, 1244-1254.	1.9	30
782	Amphiphilic Polyoxazoline-block-Polypeptoid Copolymers by Sequential One-Pot Ring-Opening Polymerizations. Macromolecular Chemistry and Physics, 2017, 218, 1600483.	1.1	12
783	The photo-controlled polymerization-induced self-assembly and reorganization process for fabrication of polymeric nanomaterials. Materials Chemistry Frontiers, 2017, 1, 1200-1206.	3.2	20
784	Relationship between Side-Chain Polarity and the Self-Assembly Characteristics of Perylene Diimide Derivatives in Aqueous Solution. ChemistryOpen, 2017, 6, 266-272.	0.9	14
785	Clustered assembly of Au nanoparticles from spherical diblock copolymer micelles encapsulating Au nanoparticle. Journal of Applied Polymer Science, 2017, 134, .	1.3	1
786	Alternative Route to Nanoscale Aggregates with a pH-Responsive Random Copolymer. Langmuir, 2017, 33, 2628-2638.	1.6	7
787	Colloidal capsules: nano- and microcapsules with colloidal particle shells. Chemical Society Reviews, 2017, 46, 2091-2126.	18.7	246
788	Supramolecularly Engineered Amphiphilic Macromolecules: Molecular Interaction Overrides Packing Parameters. Angewandte Chemie - International Edition, 2017, 56, 3516-3520.	7.2	42
789	Patchy Nanofibers from the Thin Film Self-Assembly of a Conjugated Diblock Copolymer. Angewandte Chemie - International Edition, 2017, 56, 6152-6156.	7.2	25
790	Influence of Solvent on the Structure of an Amphiphilic Block Copolymer in Solution and in Formation of an Integral Asymmetric Membrane. ACS Applied Materials & Interfaces, 2017, 9, 31224-31234.	4.0	57

#	ARTICLE	IF	CITATIONS
791	Direct Formation of Large-Area 2D Nanosheets from Fluorescent Semiconducting Homopolymer with Orthorhombic Crystalline Orientation. <i>Journal of the American Chemical Society</i> , 2017, 139, 3082-3088.	6.6	58
792	Recent advances in the solution self-assembly of amphiphilic rod-coil copolymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1459-1477.	2.5	34
793	Supramolecularly Engineered Amphiphilic Macromolecules: Molecular Interaction Overrides Packing Parameters. <i>Angewandte Chemie</i> , 2017, 129, 3570-3574.	1.6	17
794	Stimuli-Responsive Polymersomes for Biomedical Applications. <i>Biomacromolecules</i> , 2017, 18, 649-673.	2.6	316
795	Patchy Nanofibers from the Thin Film Self-Assembly of a Conjugated Diblock Copolymer. <i>Angewandte Chemie</i> , 2017, 129, 6248-6252.	1.6	5
796	Hierarchical Self-Assembly of Dopamine into Patterned Structures. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601218.	1.9	13
797	The Influence of Block Ionomer Microstructure on Polyplex Properties: Can Simulations Help to Understand Differences in Transfection Efficiency?. <i>Small</i> , 2017, 13, 1603694.	5.2	13
798	Shape Control of Soft Nanoparticles and Their Assemblies. <i>Chemistry of Materials</i> , 2017, 29, 1918-1945.	3.2	84
799	Phosphonium-Functionalized Polymer Micelles with Intrinsic Antibacterial Activity. <i>Biomacromolecules</i> , 2017, 18, 914-923.	2.6	58
800	Crystallization-Driven Co-Assembly of Micrometric Polymer Hybrid Single Crystals and Nanometric Crystalline Micelles. <i>Macromolecules</i> , 2017, 50, 2006-2015.	2.2	64
801	Planet-Satellite Micellar Superstructures Formed by ABCB Terpolymers in Solution. <i>ACS Macro Letters</i> , 2017, 6, 257-261.	2.3	13
802	Controlling the morphology of copolymeric vectors for next generation nanomedicine. <i>Journal of Controlled Release</i> , 2017, 259, 29-39.	4.8	39
803	Sucrose Methacrylate-Based Amphiphilic Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600452.	1.1	9
804	Self-aggregation of poly(butadiene)-b-poly(2-vinylpyridine)-b-poly(ethylene oxide) triblock copolymers in heptane studied by viscometry and dynamic light scattering. <i>Comptes Rendus Chimie</i> , 2017, 20, 724-729.	0.2	5
805	Expanding the morphology library of block copolymer self-assemblies with clews of tubules. <i>Chemical Communications</i> , 2017, 53, 5005-5008.	2.2	17
806	1D vs. 2D shape selectivity in the crystallization-driven self-assembly of polylactide block copolymers. <i>Chemical Science</i> , 2017, 8, 4223-4230.	3.7	165
807	Tunable crystallization, degradation, and self-assembly of recombinant protein block copolymers. <i>Polymer</i> , 2017, 117, 107-116.	1.8	16
808	Morphological transformations of diblock copolymers in binary solvents: A simulation study. <i>Frontiers of Physics</i> , 2017, 12, 1.	2.4	5

#	ARTICLE	IF	CITATIONS
809	Opportunities for dual RDRP agents in synthesizing novel polymeric materials. <i>Polymer Chemistry</i> , 2017, 8, 4916-4946.	1.9	35
810	Cascade post-polymerization modification of single pentafluorophenyl ester-bearing homopolymer as a facile route to redox-responsive nanogels. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 94-102.	5.0	23
811	Nanostructured nanoparticles for improved drug delivery. , 2017, , 149-182.		4
812	Crystallization of Amphiphilic DNA C-Stars. <i>Nano Letters</i> , 2017, 17, 3276-3281.	4.5	45
813	Polymerization induced self-assembly: tuning of morphology using ionic strength and pH. <i>Polymer Chemistry</i> , 2017, 8, 3082-3089.	1.9	62
814	Network formation and gelation in telechelic star polymers. <i>Journal of Chemical Physics</i> , 2017, 146, 084906.	1.2	5
815	Photocontrollable Supramolecular Self-Assembly of a Porphyrin Derivative that Contains a Polyhedral Oligomeric Silsesquioxane (POSS). <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1034-1042.	1.3	5
816	Self-Assembly of Polymer Nanostructures through Halogen Bonding Interactions of an Iodoperfluoroarene-Functionalized Polystyrene Derivative. <i>Macromolecules</i> , 2017, 50, 3807-3817.	2.2	30
817	Precision Synthesis and Distinct Assembly of Double-Chain Giant Surfactant Regioisomers. <i>Macromolecules</i> , 2017, 50, 3943-3953.	2.2	39
818	Probabilistic inverse design for self-assembling materials. <i>Journal of Chemical Physics</i> , 2017, 146, .	1.2	44
819	Self-assembly of poly(vinylidene fluoride)-block-poly(2-(dimethylamino)ethylmethacrylate) block copolymers prepared by CuAAC click coupling. <i>Polymer Chemistry</i> , 2017, 8, 5203-5211.	1.9	29
820	Nanostructures based on protein self-assembly: From hierarchical construction to bioinspired materials. <i>Nano Today</i> , 2017, 14, 16-41.	6.2	128
821	NIR light and enzyme dual stimuli-responsive amphiphilic diblock copolymer assemblies. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2450-2457.	2.5	18
822	Dual-responsive supramolecular self-assembly of inclusion complex of an azobenzene-ended poly( $\mu$ -caprolactone) with a water-soluble pillar[6]arene and its application in controlled drug release. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2477-2482.	2.5	25
823	Selective solvent-induced reconstruction in confined space: one-dimensional mesoporous block copolymer structures in cylindrical nanopores. <i>Polymer Chemistry</i> , 2017, 8, 3399-3404.	1.9	2
824	Autonomous unimer-vesicle oscillation by totally synthetic diblock copolymers: effect of block length and polymer concentration on spatio-temporal structures. <i>Soft Matter</i> , 2017, 13, 4559-4568.	1.2	14
825	Competitive Interactions of $\pi$ - $\pi$ Junctions and Their Role on Microphase Separation of Chiral Block Copolymers. <i>Chemistry of Materials</i> , 2017, 29, 4493-4501.	3.2	21
826	Theoretical modeling and simulations of self-assembly of copolymers in solution. <i>Progress in Polymer Science</i> , 2017, 75, 1-30.	11.8	95

#	ARTICLE	IF	CITATIONS
827	Olefin Cross-Metathesis in Polymer and Polysaccharide Chemistry: A Review. <i>Biomacromolecules</i> , 2017, 18, 1661-1676.	2.6	44
828	â€œSchizophrenicâ€ Micelles from Doubly Thermoresponsive Polysulfobetaine- <i>b</i> - <i>p</i> -poly( <i>N</i> -isopropylmethacrylamide) Diblock Copolymers. <i>Macromolecules</i> , 2017, 50, 3985-3999.	2.2	47
829	Unimolecular micelles from POSS-based star-shaped block copolymers for photodynamic therapy. <i>Polymer</i> , 2017, 118, 268-279.	1.8	31
830	Artificially Smart Vesicles with Superior Structural Stability: Fabrication, Characterizations, and Transmembrane Traffic. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15086-15095.	4.0	47
831	Influence of nanoparticle shapes on cellular uptake of paclitaxel loaded nanoparticles in 2D and 3D cancer models. <i>Polymer Chemistry</i> , 2017, 8, 3317-3326.	1.9	68
832	Self-assembly of poly(ionic liquid) (PIL)-based amphiphilic homopolymers into vesicles and supramolecular structures with dyes and silver nanoparticles. <i>Polymer Chemistry</i> , 2017, 8, 3497-3503.	1.9	26
833	Acidity-Triggered Tumor Retention/Internalization of Chimeric Peptide for Enhanced Photodynamic Therapy and Real-Time Monitoring of Therapeutic Effects. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16043-16053.	4.0	27
834	<i>50th Anniversary Perspective</i>: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <i>Macromolecules</i> , 2017, 50, 3439-3463.	2.2	295
835	Copper and silver nanoparticles stabilized by bistriazole-based dendritic amphiphile micelles for 4-nitrophenol reduction. <i>New Journal of Chemistry</i> , 2017, 41, 4546-4554.	1.4	9
836	Self-assembly of PS-PNaSS-PS triblock copolymers from solution to the solid state. <i>Polymer Chemistry</i> , 2017, 8, 3357-3363.	1.9	11
837	Stimulusâ€Responsive Nanoparticles and Associated (Reversible) Polymorphism via Polymerization Induced Selfâ€Assembly (PISA). <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600528.	2.0	111
838	Post-polymerization functionalization of poly(ethylene oxide)â€poly( $\epsilon$ -caprolactone) diblock copolymers to tune properties and self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 557-567.	1.9	11
839	Facile synthesis of low-polydispersity block copolymer vesicles by azide-zwitterion cycloaddition. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 60-64.	1.2	0
840	Micellization of synthetic and polysaccharides-based graft copolymers in aqueous media. <i>Progress in Polymer Science</i> , 2017, 73, 32-60.	11.8	96
841	Tunable Selfâ€Assembly of Diblock Copolymers into Colloidal Particles with Triply Periodic Minimal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7135-7140.	7.2	117
842	Membranes prepared by self-assembly and chelation assisted phase inversion. <i>Chemical Communications</i> , 2017, 53, 6609-6612.	2.2	12
843	Polymersomes with Rapid $K_{\text{on}}$ -Triggered Drug-Release Behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19258-19268.	4.0	28
844	Tunable Selfâ€Assembly of Diblock Copolymers into Colloidal Particles with Triply Periodic Minimal Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 7241-7246.	1.6	30

#	ARTICLE	IF	CITATIONS
845	Application of Bottlebrush Block Copolymers as Photonic Crystals. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700058.	2.0	190
846	Facile Screening of Various Micellar Morphologies by Blending Miktoarm Stars and Diblock Copolymers. <i>ACS Macro Letters</i> , 2017, 6, 711-715.	2.3	23
847	Aqueous solution behaviour of novel water-soluble amphiphilic copolymers with elevated hydrophobic unit content. <i>Polymer Chemistry</i> , 2017, 8, 4114-4123.	1.9	17
848	Micellization of pH-sensitive poly(butadiene)- <i>block</i> -poly(2-vinylpyridine) surfactants. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45313.	1.3	21
849	Coarse-grained molecular dynamics simulation study on spherical and tube-like vesicles formed by amphiphilic copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1220-1226.	2.4	15
850	Solvent-Induced Molecular Folding and Self-Assembled Nanostructures of Tyrosine and Tryptophan Analogues in Aqueous Solution: Fascinating Morphology of High Order. <i>Langmuir</i> , 2017, 33, 6581-6594.	1.6	9
851	Solubilisation of oils in aqueous solutions of a random cationic copolymer. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 210-218.	5.0	4
852	A correlation between structural features of an amphiphilic diblock copolymer in solution and the structure of the porous surface in an integral asymmetric membrane. <i>Polymer</i> , 2017, 126, 376-385.	1.8	29
853	Advances in drug delivery systems based on synthetic poly(hydroxybutyrate) (co)polymers. <i>Progress in Polymer Science</i> , 2017, 73, 1-31.	11.8	74
854	Synthesis of polymeric nano-objects of various morphologies based on block copolymer self-assembly using microporous membranes. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 451-457.	1.9	9
855	Secondary Structure-Driven Self-Assembly of Reactive Polypept(oid)s: Controlling Size, Shape, and Function of Core Cross-Linked Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9608-9613.	7.2	69
856	Vesicles: self-assembly beyond biological lipids. <i>RSC Advances</i> , 2017, 7, 26608-26624.	1.7	20
857	Effect of block copolymer morphology on crystallization and water transport. <i>Polymer</i> , 2017, 120, 209-216.	1.8	10
858	Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly( <i>l</i> -lactide) Homopolymers with Charged Termini. <i>Journal of the American Chemical Society</i> , 2017, 139, 9221-9228.	6.6	99
859	Sekundärstrukturbildung als Triebkraft für die Selbstorganisation reaktiver Polypept(oid)s: Steuerung von Größe, Form und Funktion kernverbundener Nanostrukturen. <i>Angewandte Chemie</i> , 2017, 129, 9737-9742.	1.6	12
860	Photoinitiated Polymerization-Induced Self-Assembly of Glycidyl Methacrylate for the Synthesis of Epoxy-Functionalized Block Copolymer Nano-Objects. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700195.	2.0	63
861	Micellar Self-Assembly of Recombinant Resilin-/Elastin-Like Block Copolypeptides. <i>Biomacromolecules</i> , 2017, 18, 2419-2426.	2.6	62
862	Light-Initiated <i>In Situ</i> Self-Assembly (LISA) from Multiple Homopolymers. <i>Macromolecules</i> , 2017, 50, 4276-4280.	2.2	12



#	ARTICLE	IF	CITATIONS
863	Aqueous self-assembly of hydrophobic macromolecules with adjustable rigidity of the backbone. <i>Soft Matter</i> , 2017, 13, 5130-5136.	1.2	10
864	Complexation of Polyelectrolytes with Hydrophobic Drug Molecules in Salt-Free Solution: Theory and Simulations. <i>Langmuir</i> , 2017, 33, 3900-3909.	1.6	10
865	Laser-Induced Material Interactions for Flexible Applications. <i>Advanced Materials</i> , 2017, 29, 1606586.	11.1	132
866	CO <sub>2</sub> -Stimulated morphology transition of ABC miktoarm star terpolymer assemblies. <i>Polymer Chemistry</i> , 2017, 8, 2833-2840.	1.9	22
867	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)- <i>block</i> -poly(vinylidene fluoride) Block Copolymers. <i>ACS Macro Letters</i> , 2017, 6, 393-398.	2.3	67
868	Simple and Versatile Preparation of Luminescent Amphiphilic Platinum(II)-Containing Polystyrene Complexes With Transformable Nanostructures Assisted by Pt...Pt and Ir...Ir Interactions. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1509-1516.	11.7	13
869	Polymerization-Induced Self-Assembly (PISA) - Control over the Morphology of <sup>19</sup> F-Containing Polymeric Nano-objects for Cell Uptake and Tracking. <i>Biomacromolecules</i> , 2017, 18, 1145-1156.	2.6	86
870	Tough Supramolecular Hydrogel Based on Strong Hydrophobic Interactions in a Multiblock Segmented Copolymer. <i>Macromolecules</i> , 2017, 50, 3333-3346.	2.2	141
871	Mix-and-Match Assembly of Block Copolymer Blends in Solution. <i>Macromolecules</i> , 2017, 50, 3234-3243.	2.2	39
872	Understanding Pathway Complexity of Organic Micro/Nanofiber Growth in Hydrogen-Bonded Coassembly of Aromatic Amino Acids. <i>ACS Nano</i> , 2017, 11, 4206-4216.	7.3	53
873	Programmable Nanoassemblies from Non-Assembling Homopolymers Using Ad Hoc Electrostatic Interactions. <i>Angewandte Chemie</i> , 2017, 129, 4209-4213.	1.6	3
874	Spontaneous evolution of nanostructures by light-driven growth of micelles obtained from <i>in situ</i> nanoparticulation of conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3058-3066.	2.5	17
875	Structural control of the hybrid colloids by cooperative assembly of PS- <i>b</i> -PAA and semiconductor nanoparticles from the solvent aspects. <i>Colloid and Polymer Science</i> , 2017, 295, 817-826.	1.0	0
876	Multi-Dimensional Self-Assembly of a Dual-Responsive ABC Miktoarm Star Terpolymer. <i>ACS Macro Letters</i> , 2017, 6, 426-430.	2.3	38
877	Programmable Nanoassemblies from Non-Assembling Homopolymers Using Ad Hoc Electrostatic Interactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4145-4149.	7.2	19
878	In situ synthesis of a self-assembled AB/B blend of poly(ethylene glycol)- <i>b</i> -polystyrene/polystyrene by dispersion RAFT polymerization. <i>Polymer Chemistry</i> , 2017, 8, 2173-2181.	1.9	21
879	Field-theoretic simulations of random copolymers with structural rigidity. <i>Soft Matter</i> , 2017, 13, 2760-2772.	1.2	19
880	Polymerization-Induced Self-Assembly of Homopolymer and Diblock Copolymer: A Facile Approach for Preparing Polymer Nano-Objects with Higher-Order Morphologies. <i>ACS Macro Letters</i> , 2017, 6, 298-303.	2.3	68

#	ARTICLE	IF	CITATIONS
881	Fatigue crack propagation in triblock copolymer toughened epoxy nanocomposites. <i>Polymer Engineering and Science</i> , 2017, 57, 579-587.	1.5	23
882	Synthesis of lipid-based amphiphilic block copolymer and its evaluation as nano drug carrier. <i>Materials Science and Engineering C</i> , 2017, 76, 217-223.	3.8	18
883	Investigations on the Phase Diagram and Interaction Parameter of Poly(styrene- <i>b</i> -1,3-cyclohexadiene) Copolymers. <i>Macromolecules</i> , 2017, 50, 2354-2363.	2.2	5
884	Effects of organic solvents on the structures of micellar nanocrystals. <i>RSC Advances</i> , 2017, 7, 16131-16138.	1.7	10
885	Poly(ethyl glyoxylate)-Poly(ethylene oxide) Nanoparticles: Stimuli-Responsive Drug Release via End-to-End Polyglyoxylate Depolymerization. <i>Molecular Pharmaceutics</i> , 2017, 14, 2548-2559.	2.3	56
886	Established and emerging strategies for polymer chain end modification. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2903-2914.	2.5	78
887	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
888	Irregular polystyrene peroxides – a promising macroinitiators synthesized by radical polymerization under oxygen inflow. <i>European Polymer Journal</i> , 2017, 89, 67-77.	2.6	8
889	Structural transformation of vesicles formed by a polystyrene- <i>b</i> -poly(acrylic acid)/polystyrene Matter, 2017, 13, 2634-2642.	1.2	8
890	Supramolecularly Cross-Linked Nanogel by Merocyanine Pendent Copolymer. <i>ACS Macro Letters</i> , 2017, 6, 50-55.	2.3	16
891	Translating Thermal Response of Triblock Copolymer Assemblies in Dilute Solution to Macroscopic Gelation and Phase Separation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1491-1494.	7.2	9
892	Translating Thermal Response of Triblock Copolymer Assemblies in Dilute Solution to Macroscopic Gelation and Phase Separation. <i>Angewandte Chemie</i> , 2017, 129, 1513-1516.	1.6	4
893	Covalent Stabilization of Inverse Bicontinuous Cubic Structures of Block Copolymer Bilayers by Photodimerization of Indene Pendant Groups of Polystyrene Hydrophobic Blocks. <i>Macromolecules</i> , 2017, 50, 223-234.	2.2	22
894	Amphiphilic star-shaped poly(sarcosine)-block-poly( $\epsilon$ -caprolactone) diblock copolymers: one-pot synthesis, characterization, and solution properties. <i>Journal of Materials Chemistry B</i> , 2017, 5, 679-690.	2.9	24
895	Multi-stimuli responsive block copolymers as a smart release platform for a polypyridyl ruthenium complex. <i>Polymer Chemistry</i> , 2017, 8, 890-900.	1.9	43
896	Synthesis and self-assembly of octenyl succinic anhydride modified short glucan chains based amphiphilic biopolymer: Micelles, ultrasmall micelles, vesicles, and lutein encapsulation/release. <i>Food Hydrocolloids</i> , 2017, 67, 14-26.	5.6	85
897	H <sub>2</sub> O-Responsive Vesicles Integrated with Transcutaneous Patches for Glucose-Mediated Insulin Delivery. <i>ACS Nano</i> , 2017, 11, 613-620.	7.3	255
898	pH-responsive polymeric micelles based on poly(ethyleneglycol)- <i>b</i> -poly(2-(diisopropylamino) ethyl) Colloid and Interface Science, 2017, 490, 511-519.	5.0	41

#	ARTICLE	IF	CITATIONS
899	Polymethylene-b-poly(acrylic acid) diblock copolymers: Morphology and crystallization evolution influenced by polyethylene polyamine with dual confinement effects. <i>Polymer</i> , 2017, 108, 322-331.	1.8	12
900	Cavitation-enabled rapid and tunable evolution of high- $\zeta$ N micelles as templates for ordered mesoporous oxides. <i>Nanoscale</i> , 2017, 9, 1393-1397.	2.8	15
901	pH- and Thermoresponsive Self-Assembly of Cationic Triblock Copolymers with Controlled Dynamics. <i>Macromolecules</i> , 2017, 50, 416-423.	2.2	23
902	Determination of the Wall Thickness of Block Copolymer Vesicles by Fluorescence Lifetime Imaging Microscopy. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600454.	1.1	9
903	Surfactant-Mediated Crystallization-Driven Self-Assembly of Crystalline/Ionic Complexed Block Copolymers in Aqueous Solution. <i>Langmuir</i> , 2017, 33, 176-183.	1.6	35
904	A Shifted Double-Diamond Titania Scaffold. <i>Angewandte Chemie</i> , 2017, 129, 824-829.	1.6	3
905	A Shifted Double-Diamond Titania Scaffold. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 806-811.	7.2	23
906	Oil-in-Water Emulsion Templated and Crystallization-Driven Self-Assembly Formation of Poly( <i>l</i> -lactide)-Polyoxyethylene-Poly( <i>l</i> -lactide) Fibers. <i>Langmuir</i> , 2017, 33, 13060-13067.	1.6	8
907	Effects of Grafting Density on Block Polymer Self-Assembly: From Linear to Bottlebrush. <i>ACS Nano</i> , 2017, 11, 11632-11641.	7.3	87
908	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16357-16362.	7.2	29
909	Structural Behavior of Cylindrical Polystyrene- <i>b</i> -Poly(ethylene- <i>b</i> -butylene)- <i>b</i> -Polystyrene (SEBS) Triblock Copolymer Containing MWCNTs: On the Influence of Nanoparticle Surface Modification. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700231.	1.1	11
911	Self-assembly and multi-stimuli responsive behavior of PAA- <i>b</i> -PAzoMA- <i>b</i> -PNIPAM triblock copolymers. <i>Polymer Chemistry</i> , 2017, 8, 7529-7536.	1.9	25
912	Synthesis and characterization of Ag NPs templated via polymerization induced self-assembly. <i>Polymer</i> , 2017, 129, 144-150.	1.8	25
913	Adding a solvophilic comonomer to the polymerization-induced self-assembly of block copolymer and homopolymer: a cooperative strategy for preparing large compound vesicles. <i>RSC Advances</i> , 2017, 7, 46069-46081.	1.7	22
914	Two-Dimensional Supramolecular Assemblies from pH-Responsive Poly(ethyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (glycol)- <i>b</i> -Copolymer. <i>Biomacromolecules</i> , 2017, 18, 3367-3374.	2.6	45
915	Controlling the generation of bilayer and multilayer vesicles in block copolymer/epoxy blends by a slow photopolymerization process. <i>Soft Matter</i> , 2017, 13, 7341-7351.	1.2	10
916	Polymer Prodrug-Based Nanoreactors Activated by Tumor Acidity for Orchestrated Oxidation/Chemotherapy. <i>Nano Letters</i> , 2017, 17, 6983-6990.	4.5	215
917	Coupled Effects of Spreading Solvent Molecules and Electrostatic Repulsions on the Behavior of PS- <i>b</i> -PAA Monolayers at the Air-Water Interface. <i>Langmuir</i> , 2017, 33, 12525-12534.	1.6	10

#	ARTICLE	IF	CITATIONS
918	Morphology Evolution of Polymeric Assemblies Regulated with Fluoro-Containing Mesogen in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2017, 50, 8192-8201.	2.2	100
919	Viscoelastic Properties of Hydrogels Based on Self-Assembled Multisticker Polymers Grafted with pH-Responsive Grafts. <i>Macromolecules</i> , 2017, 50, 8178-8184.	2.2	8
920	Nanoporous Thermosets with Percolating Pores from Block Polymers Chemically Fixed above the Order-Disorder Transition. <i>ACS Central Science</i> , 2017, 3, 1114-1120.	5.3	38
921	Photosensitive poly( <i>o</i> -nitrobenzyloxycarbonyl-L-lysine)- <i>b</i> -PEO polypeptide copolymers: synthesis, multiple self-assembly behaviors, and the photo/pH-thermo-sensitive hydrogels. <i>Polymer Chemistry</i> , 2017, 8, 7033-7043.	1.9	21
922	Acid-Activatable Theranostic Unimolecular Micelles Composed of Amphiphilic Star-like Polymeric Prodrug with High Drug Loading for Enhanced Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 4032-4041.	2.3	33
923	Tapered Bottlebrush Polymers: Cone-Shaped Nanostructures by Sequential Addition of Macromonomers. <i>ACS Macro Letters</i> , 2017, 6, 1175-1179.	2.3	71
924	Stimulated Transitions of Directed Nonequilibrium Self-Assemblies. <i>Advanced Materials</i> , 2017, 29, 1703495.	11.1	25
925	Compact Vesicles Self-Assembled from Binary Graft Copolymers with High Hydrophilic Fraction for Potential Drug/Protein Delivery. <i>ACS Macro Letters</i> , 2017, 6, 1186-1190.	2.3	25
926	Self-assembling prodrugs. <i>Chemical Society Reviews</i> , 2017, 46, 6638-6663.	18.7	271
927	Beyond native block copolymer morphologies. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 518-538.	1.7	62
928	Self-Assembly Behavior and Biocompatible Cross-Linking of Double Hydrophilic Linear-Brush Block Copolymers. <i>Biomacromolecules</i> , 2017, 18, 3695-3705.	2.6	16
929	Modular and rapid access to amphiphilic homopolymers via successive chemoselective post-polymerization modification. <i>Polymer Chemistry</i> , 2017, 8, 6028-6032.	1.9	19
930	In Situ Synthesis of Coil-Coil Diblock Copolymer Nanotubes and Tubular Ag/Polymer Nanocomposites by RAFT Dispersion Polymerization in Poly(ethylene glycol). <i>Macromolecules</i> , 2017, 50, 7593-7602.	2.2	44
931	CO <sub>2</sub> -responsive polyacrylamide copolymer vesicles with acid-sensitive morpholine moieties and large hydrophobic RAFT end-group. <i>European Polymer Journal</i> , 2017, 97, 129-137.	2.6	5
932	Direct Synthesis of Polymer Nanotubes by Aqueous Dispersion Polymerization of a Cyclodextrin/Styrene Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16541-16545.	7.2	120
933	Direct Synthesis of Polymer Nanotubes by Aqueous Dispersion Polymerization of a Cyclodextrin/Styrene Complex. <i>Angewandte Chemie</i> , 2017, 129, 16768-16772.	1.6	12
934	Thermodynamic signatures and cluster properties of self-assembly in systems with competing interactions. <i>Soft Matter</i> , 2017, 13, 8055-8063.	1.2	29
935	Morphology Under Control: Engineering Biodegradable Stomatocytes. <i>ACS Macro Letters</i> , 2017, 6, 1217-1222.	2.3	39

#	ARTICLE	IF	CITATIONS
936	Improving the Folding of Supramolecular Copolymers by Controlling the Assembly Pathway Complexity. <i>Macromolecules</i> , 2017, 50, 8562-8569.	2.2	38
937	Co-assembly behaviour of Janus nanoparticles and amphiphilic block copolymers in dilute solution. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24135-24145.	1.3	11
938	Dissipative particle dynamics simulations of polyelectrolyte self-assemblies. Methods with explicit electrostatics. <i>Polymer Science - Series C</i> , 2017, 59, 77-101.	0.8	13
939	Super-resolution Fluorescence Imaging for Materials Science. <i>Small Methods</i> , 2017, 1, 1700191.	4.6	100
940	Formation of toroids by self-assembly of an $\hat{I}_{\pm}$ corner mimetic: supramolecular cyclization. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7583-7590.	2.9	9
941	Polymerization-Induced Self-Assembly: The Effect of End Group and Initiator Concentration on Morphology of Nanoparticles Prepared via RAFT Aqueous Emulsion Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 1013-1019.	2.3	89
942	PRISM Theory Study of Amphiphilic Block Copolymer Solutions with Varying Copolymer Sequence and Composition. <i>Macromolecules</i> , 2017, 50, 7419-7431.	2.2	25
943	Fiber-like micelle with a $\Gamma$ -conjugated polymer core: a potential building block for organic electronics. <i>Science Bulletin</i> , 2017, 62, 1229-1230.	4.3	4
944	Light-switchable nanoparticles based on amphiphilic diblock, triblock and heterograft polyoxazoline. <i>RSC Advances</i> , 2017, 7, 42690-42698.	1.7	11
945	Synthesis and solution behaviour of metal-carbonyl amphiphiles with an Fp (CpFe(CO) <sub>2</sub> ) junction. <i>Journal of Organometallic Chemistry</i> , 2017, 851, 40-45.	0.8	3
946	Complex Self-Assembly Behavior of Bis-hydrophilic PEO- <i>b</i> -PCL- <i>b</i> -PMOXA Triblock Copolymers in Aqueous Solution. <i>Macromolecules</i> , 2017, 50, 7155-7168.	2.2	14
947	Water-Soluble Fluorescent Nanoparticles from Supramolecular Amphiphiles Featuring Heterocomplementary Multiple Hydrogen Bonding. <i>Macromolecules</i> , 2017, 50, 7091-7101.	2.2	17
948	CO <sub>2</sub> -Induced Morphological Transition of Co-Assemblies from Block-Random Segmented Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700437.	2.0	6
949	Seed-mediated synthesis and SERS performance of graphene oxide-wrapped Ag nanomushroom. <i>Scientific Reports</i> , 2017, 7, 9795.	1.6	25
950	Cationic disulfide-functionalized worm gels. <i>Polymer Chemistry</i> , 2017, 8, 5962-5971.	1.9	21
951	Path lumping: An efficient algorithm to identify metastable path channels for conformational dynamics of multi-body systems. <i>Journal of Chemical Physics</i> , 2017, 147, 044112.	1.2	11
952	pH-Responsive unimolecular micelles based on amphiphilic star-like copolymers with high drug loading for effective drug delivery and cellular imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6847-6859.	2.9	44
953	The seeded-synthesis of core-shell Au dumbbells with inbuilt Raman molecules and their SERS performance. <i>Analytical Methods</i> , 2017, 9, 4394-4399.	1.3	4

#	ARTICLE	IF	CITATIONS
954	Pickering high internal phase emulsions stabilized by worm-like polymeric nanoaggregates. <i>Polymer Chemistry</i> , 2017, 8, 5474-5480.	1.9	43
955	Exploring the construction of multicompartmental micelles by halogen bonding of complementary macromolecules. <i>Faraday Discussions</i> , 2017, 203, 285-299.	1.6	12
956	Semicrystalline Polymer Binary-Phase Structure Templated Quasi-Block Graft Copolymers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7508-7518.	1.2	9
957	Controlled self-assemblies of polystyrene-block-polydimethylsiloxane micelles in cylindrical confinement through a micelle solution wetting method and Rayleigh-instability-driven transformation. <i>Soft Matter</i> , 2017, 13, 5428-5436.	1.2	7
958	Size Tunable Core Crosslinked Micelles from HPMA-Based Amphiphilic Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700113.	1.1	7
959	A combined electro- and photo-chemical approach to repeatedly fabricate two-dimensional molecular assemblies. <i>Electrochimica Acta</i> , 2017, 246, 823-829.	2.6	0
960	Versatile Tetrablock Copolymer Scaffold for Hierarchical Colloidal Nanoparticle Assemblies: Synthesis, Characterization, and Molecular Dynamics Simulation. <i>Langmuir</i> , 2017, 33, 8201-8212.	1.6	12
961	Enzyme-Assisted Photoinitiated Polymerization-Induced Self-Assembly: An Oxygen-Tolerant Method for Preparing Block Copolymer Nano-Objects in Open Vessels and Multiwell Plates. <i>Macromolecules</i> , 2017, 50, 5798-5806.	2.2	127
962	Phenyl acrylate is a versatile monomer for the synthesis of acrylic diblock copolymer nano-objects via polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 4811-4821.	1.9	41
963	Palladium nanoparticles anchored on polymer vesicles as Pickering interfacial catalysts for hydrolytic oxidation of organosilanes. <i>New Journal of Chemistry</i> , 2017, 41, 8289-8296.	1.4	13
964	Carbohydrate-Based Block Copolymer Thin Films: Ultrafast Nano-Organization with 7 nm Resolution Using Microwave Energy. <i>Advanced Materials</i> , 2017, 29, 1701645.	11.1	33
965	Synthesis of well-defined epoxy-functional spherical nanoparticles by RAFT aqueous emulsion polymerization. <i>Polymer Chemistry</i> , 2017, 8, 4856-4868.	1.9	69
966	Transition from smectic nanofibers to smectic vesicles in the self-assemblies of PEG-b-liquid crystal polycarbonates. <i>Polymer Chemistry</i> , 2017, 8, 4776-4780.	1.9	21
967	Polyion complex vesicles (PICsomes) from strong copolyelectrolytes. Stability and in vitro studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 658-666.	2.5	13
968	Preparation of Janus nanoparticles from block copolymer thin films using triazolinedione chemistry. <i>RSC Advances</i> , 2017, 7, 37048-37054.	1.7	7
969	Controllable multicompartment morphologies from cooperative self-assembly of copolymer-copolymer blends. <i>Soft Matter</i> , 2017, 13, 5877-5887.	1.2	15
970	Polymer-entanglement-driven coassembly of hybrid superparamagnetic nanoparticles: Tunable structures and flexible functionalization. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 263-273.	5.0	6
971	Facile assembly and loading of theranostic polymersomes via multi-impingement flash nanoprecipitation. <i>Journal of Controlled Release</i> , 2017, 262, 91-103.	4.8	93

#	ARTICLE	IF	CITATIONS
972	pH-Responsive Schizophrenic Diblock Copolymers Prepared by Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2017, 50, 6108-6116.	2.2	53
973	Cyclodextrin/Paclitaxel Dimer Assembling Vesicles: Reversible Morphology Transition and Cargo Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26740-26748.	4.0	35
974	Effect of substrate concentrations on the aggregation behavior and dynamic oscillatory properties of self-oscillating block copolymers. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20627-20634.	1.3	4
975	Polymethylene-b-poly (acrylic acid) diblock copolymers: Aggregation and crystallization in the presence of CaCl <sub>2</sub> . <i>European Polymer Journal</i> , 2017, 95, 174-185.	2.6	14
976	Photoresponsive amphiphilic block macrocycles bearing azobenzene side chains. <i>RSC Advances</i> , 2017, 7, 38335-38341.	1.7	4
977	ROMPISA: Ring-Opening Metathesis Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2017, 6, 925-929.	2.3	108
978	Polymersomes with Endosomal pH-Induced Vesicle-to-Micelle Morphology Transition and a Potential Application for Controlled Doxorubicin Delivery. <i>Biomacromolecules</i> , 2017, 18, 3280-3290.	2.6	28
979	Synthesis and self-assembly of polystyrene-based diblock and triblock coil-brush copolymers. <i>Polymer Chemistry</i> , 2017, 8, 5621-5632.	1.9	15
980	Understanding the CDSA of poly(lactide) containing triblock copolymers. <i>Polymer Chemistry</i> , 2017, 8, 5504-5512.	1.9	43
981	Investigation of cationized triblock and diblock poly( $\epsilon$ -caprolactone)-co-poly(ethylene glycol) copolymers for oral delivery of enoxaparin: In vitro approach. <i>Acta Biomaterialia</i> , 2017, 61, 180-192.	4.1	7
982	Facile Synthesis of a High Molecular Weight Amphiphilic Aramid-Block Copolymer. <i>Macromolecules</i> , 2017, 50, 9307-9314.	2.2	8
983	Growth of 2D Mesoporous Polyaniline with Controlled Pore Structures on Ultrathin MoS <sub>2</sub> Nanosheets by Block Copolymer Self-Assembly in Solution. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43975-43982.	4.0	46
984	Toward Sulfur-Free RAFT Polymerization Induced Self-Assembly. <i>ACS Macro Letters</i> , 2017, 6, 1438-1443.	2.3	32
985	Effect of Counterions on the Self-Assembly of Polystyrene-Polyphosphonium Block Copolymers. <i>Langmuir</i> , 2017, 33, 14738-14747.	1.6	5
986	Directly Observing Micelle Fusion and Growth in Solution by Liquid-Cell Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 17140-17151.	6.6	118
988	Synthesis of fluorinated nanoparticles via RAFT dispersion polymerization-induced self-assembly using fluorinated macro-RAFT agents in supercritical carbon dioxide. <i>RSC Advances</i> , 2017, 7, 51612-51620.	1.7	31
989	Synthesis and dynamic de-wetting properties of poly(arylene ether sulfone)-graft-poly(dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	1.8	23
990	Desulfurization-bromination: direct chain-end modification of RAFT polymers. <i>Polymer Chemistry</i> , 2017, 8, 7188-7194.	1.9	16

#	ARTICLE	IF	CITATIONS
991	Hollow polymer particles: a review. RSC Advances, 2017, 7, 52632-52650.	1.7	78
992	RAFT synthesis and micellization of a photo-, temperature- and pH-responsive diblock copolymer based on spiroopyran. Polymer Chemistry, 2017, 8, 7325-7332.	1.9	20
993	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. Angewandte Chemie, 2017, 129, 16575-16580.	1.6	7
994	Preparation of Monodisperse Hydrophilic Quantum Dots with Amphiphilic Polymers. ACS Applied Materials & Interfaces, 2017, 9, 39901-39906.	4.0	17
995	Synthesis and self-assembly of a dual-responsive monocleavable ABCD star quaterpolymer. Polymer Chemistry, 2017, 8, 6865-6878.	1.9	7
996	Rapid synthesis of well-defined all-acrylic diblock copolymer nano-objects via alcoholic photoinitiated polymerization-induced self-assembly (photo-PISA). Polymer Chemistry, 2017, 8, 6853-6864.	1.9	52
997	Influence of Chain Length on the Self-Assembly of Poly( $\mu$ -caprolactone)-Grafted Graphene Quantum Dots. Langmuir, 2017, 33, 13384-13393.	1.6	9
998	Rheological characterization of nanostructured material based on Polystyrene- <i>b</i> -poly(ethylene-butylene)- <i>b</i> -polystyrene (SEBS) block copolymer: Effect of block copolymer composition and nanoparticle geometry. Composites Science and Technology, 2017, 149, 192-206.	3.8	15
999	Labile Incorporation of Cholesterol-Terminated Poly(acrylic acid) for the Facile Surface-Modification of Lipid Vesicles. Langmuir, 2017, 33, 6751-6759.	1.6	6
1000	Uniform electroactive fibre-like micelle nanowires for organic electronics. Nature Communications, 2017, 8, 15909.	5.8	120
1001	PDMAEMA- <i>b</i> -PLMA- <i>b</i> -POEGMA triblock terpolymers via RAFT polymerization and their self-assembly in aqueous solutions. Polymer Chemistry, 2017, 8, 4538-4547.	1.9	39
1002	Directed assembly of functionalized nanoparticles with amphiphilic diblock copolymers. Physical Chemistry Chemical Physics, 2017, 19, 18757-18766.	1.3	17
1003	Polyphenolic Polymersomes of Temperature-Sensitive Poly( <i>N</i> -vinylcaprolactam)- <i>b</i> -Poly( <i>N</i> -vinylpyrrolidone) for Anticancer Therapy. Biomacromolecules, 2017, 18, 2552-2563.	2.6	48
1004	Crystallization-driven assembly of fully degradable, natural product-based poly(l-lactide)- <i>b</i> -poly( $\pm$ -d-glucose carbonate)s in aqueous solution. Polymer, 2017, 122, 270-279.	1.8	41
1005	Thermoplastic elastomer nanocomposites with controlled nanoparticles dispersion for HV insulation systems: Correlation between rheological, thermal, electrical and dielectric properties. European Polymer Journal, 2017, 94, 68-86.	2.6	24
1006	The non-equilibrium self-assembly of amphiphilic block copolymers driven by a pH oscillator. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 808-814.	2.3	19
1007	Fabrication routes for one-dimensional nanostructures via block copolymers. Nano Convergence, 2017, 4, 12.	6.3	26
1008	CryoTEM as an Advanced Analytical Tool for Materials Chemists. Accounts of Chemical Research, 2017, 50, 1495-1501.	7.6	82



#	ARTICLE	IF	CITATIONS
1009	Tunable Permeability of Cross-Linked Microcapsules from pH-Responsive Amphiphilic Diblock Copolymers: A Dissipative Particle Dynamics Study. <i>Langmuir</i> , 2017, 33, 7288-7297.	1.6	29
1010	Self-assembly and disassembly of stimuli responsive tadpole-like single chain nanoparticles using a switchable hydrophilic/hydrophobic boronic acid cross-linker. <i>Polymer Chemistry</i> , 2017, 8, 4079-4087.	1.9	34
1011	A new paradigm in polymerization induced self-assembly (PISA): Exploitation of "non-living" addition fragmentation chain transfer (AFCT) polymerization. <i>Polymer Chemistry</i> , 2017, 8, 4177-4181.	1.9	48
1012	Surface-initiated nitroxide-mediated polymerization of sodium 4-styrene sulfonate from latex particles. <i>Journal of Polymer Science Part A</i> , 2017, 55, 437-444.	2.5	12
1013	Micro-/nanostructured polymer blends containing block copolymers. , 2017, , 131-161.		4
1014	In-situ assembly of diblock copolymers onto submicron-sized particles for preparation of core-shell and ellipsoidal particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 512, 80-86.	2.3	6
1015	Recent developments in self-oscillating polymeric systems as smart materials: from polymers to bulk hydrogels. <i>Materials Horizons</i> , 2017, 4, 38-54.	6.4	89
1016	Acid-Cleavable Unimolecular Micelles from Amphiphilic Star Copolymers for Triggered Release of Anticancer Drugs. <i>Macromolecular Bioscience</i> , 2017, 17, 1600258.	2.1	27
1017	Novel triphilic block copolymers based on poly(2-methyl-2-oxazoline) "block" poly(2-octyl-2-oxazoline) with different terminal perfluoroalkyl fragments: Synthesis and self-assembly behaviour. <i>European Polymer Journal</i> , 2017, 88, 645-655.	2.6	20
1018	Block copolymers in electric fields. <i>Progress in Polymer Science</i> , 2017, 64, 182-214.	11.8	54
1019	Chain conformations and phase behavior of conjugated polymers. <i>Soft Matter</i> , 2017, 13, 49-67.	1.2	131
1020	Polymeric Micelles and Vesicles in Polyelectrolyte Multilayers: Introducing Hierarchy and Compartmentalization. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600317.	1.9	18
1021	Probing the causes of thermal hysteresis using tunable $N_{agg}$ micelles with linear and brush-like thermoresponsive coronas. <i>Polymer Chemistry</i> , 2017, 8, 233-244.	1.9	22
1022	Recent advances in the synthesis of Janus nanomaterials of block copolymers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 431-443.	3.2	39
1023	Nanopatterning via Solvent Vapor Annealing of Block Copolymer Thin Films. <i>Chemistry of Materials</i> , 2017, 29, 176-188.	3.2	94
1024	Surface functionalized nano-objects from oleic acid-derived stabilizer via non-polar RAFT dispersion polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 263-273.	2.5	16
1025	PLMA-b-POEGMA amphiphilic block copolymers: Synthesis and self-assembly in aqueous media. <i>Journal of Polymer Science Part A</i> , 2017, 55, 155-163.	2.5	30
1026	Effect of block copolymer morphology controlled by casting-solvent quality on pervaporation of butanol/water mixtures. <i>Journal of Membrane Science</i> , 2017, 523, 588-595.	4.1	15

#	ARTICLE	IF	CITATIONS
1027	Self-aggregation of cationically modified poly( $\epsilon$ -caprolactone) 2 - co -poly(ethylene glycol) copolymers: Effect of cationic grafting ligand and poly( $\epsilon$ -caprolactone) chain length. <i>Materials Science and Engineering C</i> , 2017, 72, 444-455.	3.8	12
1028	In Vitro Drug and Gene Delivery Using Random Cationic Copolymers Forming Stable and pH-Sensitive Polymersomes. <i>Macromolecular Bioscience</i> , 2017, 17, 1600324.	2.1	16
1029	Amphiphilic photo-induced triblock polyoxazoline through coumarin dimerization: Efficient synthetic tool for nanoparticles. <i>European Polymer Journal</i> , 2017, 88, 636-644.	2.6	9
1030	Helical wrapping of diblock copolymers on nanocylinder. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 81, 104-109.	2.7	4
1031	Polyanhydride micelles with diverse morphologies for shape-regulated cellular internalization and blood circulation. <i>International Journal of Energy Production and Management</i> , 2017, 4, 149-157.	1.9	8
1032	Noncovalent Interactions in Nanotechnology. , 2017, , 417-451.		8
1033	Facile Control of the Porous Structure of Larch-Derived Mesoporous Carbons via Self-Assembly for Supercapacitors. <i>Materials</i> , 2017, 10, 1330.	1.3	6
1034	Microtechnologies for Cell Microenvironment Control and Monitoring. <i>Micromachines</i> , 2017, 8, 166.	1.4	14
1035	Polyphosphates as Inhibitors for Poly(vinyl Chloride) Photodegradation. <i>Molecules</i> , 2017, 22, 1849.	1.7	36
1036	Morphology Control of Ni(II)-NTA-End-Functionalized Block Copolymer and Bio-Conjugation through Metal-Ligand Complex. <i>Polymers</i> , 2017, 9, 144.	2.0	2
1037	Block Copolymer Membranes from Polystyrene-b-poly(solketal methacrylate) (PS-b-PSMA) and Amphiphilic Polystyrene-b-poly(glycerol methacrylate) (PS-b-PGMA). <i>Polymers</i> , 2017, 9, 216.	2.0	22
1038	Block Copolymers: Synthesis, Self-Assembly, and Applications. <i>Polymers</i> , 2017, 9, 494.	2.0	298
1039	Surfactant-Free RAFT Emulsion Polymerization of Styrene Using Thermoresponsive macroRAFT Agents: Towards Smart Well-Defined Block Copolymers with High Molecular Weights. <i>Polymers</i> , 2017, 9, 668.	2.0	16
1040	Surface Functionalization of Biomaterials. , 2017, , 331-343.		6
1041	Effect of Perfluoroalkyl Endgroups on the Interactions of Tri-Block Copolymers with Monofluorinated F-DPPC Monolayers. <i>Polymers</i> , 2017, 9, 555.	2.0	4
1042	Continuous Preparation of Hollow Polymeric Nanocapsules Using Self-Assembly and a Photo-Crosslinking Process of an Amphiphilic Block Copolymer. <i>Molecules</i> , 2017, 22, 1892.	1.7	2
1043	Supramolecular DNA Nanotechnology. , 2017, , 441-486.		3
1044	Supramolecular Polymers in Nanomedicine. , 2017, , 227-254.		3

#	ARTICLE	IF	CITATIONS
1045	Diffusion of Molecular and Macromolecular Polyolefin Probes in Cylindrical Block Copolymer Structures As Observed by High Temperature Single Molecule Fluorescence Microscopy. <i>Macromolecules</i> , 2018, 51, 1873-1884.	2.2	12
1046	Preparation, characterization, and in vitro activity evaluation of triblock copolymer-based polymersomes for drugs delivery. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	11
1047	pH-Induced evolution of surface patterns in micelles assembled from dirhamnolipids: dissipative particle dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9460-9470.	1.3	19
1048	In Situ Tracking of Composition and Morphology of a Diblock Copolymer Film with GISAXS during Exchange of Solvent Vapors at Elevated Temperatures. <i>Advanced Functional Materials</i> , 2018, 28, 1706226.	7.8	28
1049	Synthesis of poly(N-isopropylacrylamide- <i>b</i> -N-vinylcarbazole) copolymers via RAFT polymerization and its stimuli responsive morphology in aqueous media. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	7
1050	Assembly of Amphiphilic Block Copolymers and Nanoparticles in Solution: Coarse-Grained Molecular Simulation Study. <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 2351-2367.	1.0	27
1051	Controllable design of nanostructure in block copolymer reinforced epoxy composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46362.	1.3	6
1052	A detour strategy for colloiddally stable block-copolymer grafted MAPbBr <sub>3</sub> quantum dots in water with long photoluminescence lifetime. <i>Nanoscale</i> , 2018, 10, 5820-5826.	2.8	45
1053	Advanced emulsions via noncovalent interaction-mediated interfacial self-assembly. <i>Chemical Communications</i> , 2018, 54, 3174-3177.	2.2	3
1054	Formation of Anisotropic Liquid Crystalline Nanoparticles via Polymerization-Induced Hierarchical Self-Assembly. <i>ACS Macro Letters</i> , 2018, 7, 358-363.	2.3	66
1055	Self-Seeding of Block Copolymers with a $\pi$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , 2018, 51, 2065-2075.	2.2	67
1056	Design of Materials and Mechanisms for Responsive Robots. <i>Annual Review of Control, Robotics, and Autonomous Systems</i> , 2018, 1, 359-384.	7.5	17
1057	Creating cross-linked lamellar block copolymer supporting layers for biomimetic membranes. <i>Faraday Discussions</i> , 2018, 209, 179-191.	1.6	15
1058	Supramolecular Copolymerization by Sequence Reorganization of a Supramolecular Homopolymer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7028-7033.	7.2	23
1059	Self-Assembly of Rod-Coil Block Copolymers on Carbon Nanotubes: A Route toward Diverse Surface Nanostructures. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800080.	2.0	9
1060	Continuous Grain-Boundary Functionalization for High-Efficiency Perovskite Solar Cells with Exceptional Stability. <i>CheM</i> , 2018, 4, 1404-1415.	5.8	165
1061	Simultaneous In-Film Polymer Synthesis and Self-Assembly for Hierarchical Nanopatterns. <i>ACS Macro Letters</i> , 2018, 7, 566-571.	2.3	23
1062	Nanoparticle packing within block copolymer micelles prepared by the interfacial instability method. <i>Soft Matter</i> , 2018, 14, 3324-3335.	1.2	15

#	ARTICLE	IF	CITATIONS
1063	Consequences of Dispersity on the Self-Assembly of ABA-Type Amphiphilic Block Co-Oligomers. ACS Macro Letters, 2018, 7, 546-550.	2.3	53
1064	Facially Amphipathic Glycopolymers Inhibit Ice Recrystallization. Journal of the American Chemical Society, 2018, 140, 5682-5685.	6.6	84
1065	<i>In situ</i> glyco-nanostructure formulation <i>via</i> photo-polymerization induced self-assembly. Polymer Chemistry, 2018, 9, 2868-2872.	1.9	58
1066	Block-Block Copolymers of Poly( $\epsilon$ -Caprolactone) and Poly(Lactic Acid). Angewandte Chemie - International Edition, 2018, 57, 7191-7195.	7.2	46
1067	Nanostructured polymers. , 2018, , 339-356.		5
1068	Surface wormlike morphology control of polysulfone/poly(N-isopropylacrylamide) membranes by tuning the two-stage phase separation and their thermo-responsive permselectivity. Journal of Membrane Science, 2018, 555, 290-298.	4.1	12
1069	Self-assembly of model short triblock amphiphiles in dilute solution. Soft Matter, 2018, 14, 3171-3181.	1.2	13
1070	Ultralarge Nanosheets Fabricated by the Hierarchical Self-Assembly of Porphyrin-Ended Hyperbranched Poly (ether amine) (TPP-hPEA). Macromolecular Rapid Communications, 2018, 39, e1800042.	2.0	1
1071	Therapeutic Nanoreactors as In Vivo Nanoplatfoms for Cancer Therapy. Chemistry - A European Journal, 2018, 24, 15706-15724.	1.7	54
1072	Self-Assembly of Giant Amphiphiles Based on Polymer-Tethered Nanoparticle in Selective Solvents. Macromolecules, 2018, 51, 3050-3058.	2.2	11
1073	Main-Chain Zwitterionic Supramolecular Polymers Derived from <i>N</i> -Heterocyclic Carbene-Carbodiimide (NHC-CDI) Adducts. Macromolecules, 2018, 51, 3006-3016.	2.2	19
1074	Polyphosphazenes - Synthetically Versatile Block Copolymers (Multi-Tool) for Self-Assembly. European Journal of Inorganic Chemistry, 2018, 2018, 2484-2499.	1.0	13
1075	Concurrent Drug Unplugging and Permeabilization of Polydrug-Gated Crosslinked Vesicles for Cancer Combination Chemotherapy. Advanced Materials, 2018, 30, e1706307.	11.1	127
1076	Synthesis of Au@polymer nanohybrids with transitioned core-shell morphology from concentric to eccentric Emulsi-N or Janus nanoparticles. Scientific Reports, 2018, 8, 5721.	1.6	18
1077	Cholesterol functionalized aliphatic <i>N</i> -substituted 8-membered cyclic carbonate. Polymer Chemistry, 2018, 9, 2434-2437.	1.9	11
1078	Artificial molecular and nanostructures for advanced nanomachinery. Chemical Communications, 2018, 54, 4075-4090.	2.2	18
1079	Polymersomes from hybrid peptide-based bottlebrush homopolymers. Polymer, 2018, 138, 218-228.	1.8	14
1080	Optoelectronic Properties of Self-Assembled Nanostructures of Polymer Functionalized Polythiophene and Graphene. Langmuir, 2018, 34, 7585-7597.	1.6	29

#	ARTICLE	IF	CITATIONS
1081	<i>In situ</i> synthesis of diblock copolymer nano-assemblies <i>via</i> dispersion RAFT polymerization induced self-assembly and Ag/copolymer composite nanoparticles thereof. <i>Polymer Chemistry</i> , 2018, 9, 1082-1094.	1.9	28
1082	Semi-Fluorinated Methacrylates: A Class of Versatile Monomers for Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700840.	2.0	51
1083	Phenolic Functionality of Polyhedral Oligomeric Silsesquioxane Nanoparticles Affects Self-Assembly Supramolecular Structures of Block Copolymer Hybrid Complexes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 2546-2559.	1.8	20
1084	Molecular dynamics simulations and PRISM theory study of solutions of nanoparticles and triblock copolymers with solvophobic end blocks. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 453-472.	1.7	8
1085	Self-, co-organisation behaviour and encapsulation efficiency of waterborne polyurethane pre-polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 544, 165-171.	2.3	6
1086	Polysarcosine-containing copolymers: Synthesis, characterization, self-assembly, and applications. <i>Progress in Polymer Science</i> , 2018, 81, 163-208.	11.8	151
1087	Carbon dioxide-based copolymers with various architectures. <i>Progress in Polymer Science</i> , 2018, 82, 120-157.	11.8	115
1088	Thermoresponse and self-assembly of an ABC star quarterpolymer with O <sub>2</sub> and redox dual-responsive Y junctions. <i>Polymer Chemistry</i> , 2018, 9, 1095-1108.	1.9	10
1089	Recent Advances in Preparation of Porous Polymeric Membranes by Unique Techniques and Mitigation of Fouling through Surface Modification. <i>ChemistrySelect</i> , 2018, 3, 609-633.	0.7	49
1090	Topological engineering of amphiphilic copolymers <i>via</i> RAFT dispersion copolymerization of benzyl methacrylate and 2-(perfluorooctyl)ethyl methacrylate for polymeric assemblies with tunable nanostructures. <i>Polymer Chemistry</i> , 2018, 9, 912-919.	1.9	39
1091	Mesoscale Block Copolymers. <i>Advanced Materials</i> , 2018, 30, e1706118.	11.1	11
1092	Disassembly of Multicompartment Polymer Micelles in Spatial Sequence Using an Electrostatic Field and Its Application for Release in Chronological Order. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3578-3582.	7.2	31
1093	Controllable Multigeometry Nanoparticles <i>via</i> Cooperative Assembly of Amphiphilic Diblock Copolymer Blends with Asymmetric Architectures. <i>ACS Nano</i> , 2018, 12, 1413-1419.	7.3	23
1094	Transformation of Block Copolymer Nanoparticles from Ellipsoids with Striped Lamellae into Onionlike Spheres and Dynamical Control via Coupled Cahn-Hilliard Equations. <i>ACS Omega</i> , 2018, 3, 1304-1314.	1.6	26
1095	An engineering insight into block copolymer self-assembly: Contemporary application from biomedical research to nanotechnology. <i>Chemical Engineering Journal</i> , 2018, 342, 71-89.	6.6	28
1096	Self-Collapsing of Single Molecular Polypropylene Oxide (PPO) in a 3D DNA Network. <i>Small</i> , 2018, 14, 1703426.	5.2	17
1097	Design of pH-Sensitive Nanovesicles via Cholesterol Analogue Incorporation for Improving in Vivo Delivery of Chemotherapeutics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5213-5226.	4.0	30
1098	Origins of low-symmetry phases in asymmetric diblock copolymer melts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 847-854.	3.3	101

#	ARTICLE	IF	CITATIONS
1099	Harnessing complexity in molecular self-assembly using computer simulations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6767-6776.	1.3	15
1100	Expanding the Scope of Polymerization-Induced Self-Assembly: Z-RAFT-Mediated Photoinitiated Dispersion Polymerization. <i>ACS Macro Letters</i> , 2018, 7, 255-262.	2.3	56
1102	Transformable masks for colloidal nanosynthesis. <i>Nature Communications</i> , 2018, 9, 563.	5.8	67
1103	Self-Organized Lattices of Nonlinear Optochemical Waves in Photopolymerizable Fluids: The Spontaneous Emergence of 3-D Order in a Weakly Correlated System. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1146-1155.	2.1	5
1104	Polymer Semiflexibility Induces Nonuniversal Phase Transitions in Diblock Copolymers. <i>Physical Review Letters</i> , 2018, 120, 067802.	2.9	12
1105	Uniform Polyselenophene Block Copolymer Fiberlike Micelles and Block Co-micelles via Living Crystallization-Driven Self-Assembly. <i>Macromolecules</i> , 2018, 51, 1002-1010.	2.2	46
1106	Evaluation of the Interaction Parameter for Poly(solketal methacrylate)- <i>block</i> -polystyrene Copolymers. <i>Macromolecules</i> , 2018, 51, 1031-1040.	2.2	43
1107	Double Hydrophilic Block Copolymer Self-Assembly in Aqueous Solution. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700494.	1.1	68
1108	Untapped potential for debonding on demand: the wonderful world of azo-compounds. <i>Materials Horizons</i> , 2018, 5, 162-183.	6.4	54
1109	Stimuli-responsive amphiphilic PDMAEMA- <i>b</i> -PLMA copolymers and their cationic and zwitterionic analogs. <i>Journal of Polymer Science Part A</i> , 2018, 56, 598-610.	2.5	43
1110	Evaluation of molecular volume change of block copolymer depending on temperature: A SANS study. <i>Physica B: Condensed Matter</i> , 2018, 551, 179-183.	1.3	1
1111	Interplay of Template Constraints and Microphase Separation in Polymeric Nano-Objects Replicated from Novel Modulated and Interconnected Nanoporous Anodic Alumina. <i>ACS Applied Nano Materials</i> , 2018, 1, 200-208.	2.4	9
1112	Semi-crystalline polymethylene- <i>b</i> -poly(acrylic acid) diblock copolymers in selective solutions: Morphological and crystallization evolution dependent on calcium chloride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 301-309.	2.3	8
1113	Systematic variation of membrane casting parameters to control the structure of thermo-responsive isoporous membranes. <i>Journal of Membrane Science</i> , 2018, 548, 502-509.	4.1	19
1114	Effect of Side Chains on the Low-Dimensional Self-Assembly of Polyphenylene-Based "Rod-Coil-Graft Copolymers in Solution. <i>Macromolecules</i> , 2018, 51, 161-172.	2.2	27
1115	From nano to micro to macro: Electrospun hierarchically structured polymeric fibers for biomedical applications. <i>Progress in Polymer Science</i> , 2018, 81, 80-113.	11.8	256
1116	Cylindrical Micelles with "Patchy" Coronas from the Crystallization-Driven Self-Assembly of ABC Triblock Terpolymers with a Crystallizable Central Polyferrocenyldimethylsilane Segment. <i>Macromolecules</i> , 2018, 51, 222-231.	2.2	27
1117	Self-assembly of random co-polymers for selective binding and detection of peptides. <i>Polymer Chemistry</i> , 2018, 9, 1066-1071.	1.9	18

#	ARTICLE	IF	CITATIONS
1118	One-Pot Two-Step (First ROP, Then SET-MLRP) Synthesis of Polycaprolactone-Polyacrylate Star Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700486.	1.1	2
1119	Mesoscopic study of the ternary phase diagram of the PS- <i>b</i> -PB- <i>b</i> -PtBMA triblock copolymer: modification of the phase structure by the composition effect. <i>Soft Matter</i> , 2018, 14, 508-520.	1.2	8
1120	Synthesis of Linear <i>ABC</i> Triblock Copolymers and Their Self-Assembly in Solution. <i>Helvetica Chimica Acta</i> , 2018, 101, e1700287.	1.0	31
1121	About the Art and Science of Visualizing Polymer Morphology using Transmission Electron Microscopy. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700483.	1.1	5
1122	Dynamic Changes of Intracellular Monomer Levels Regulate Block Sequence of Polyhydroxyalkanoates in Engineered <i>Escherichia coli</i> . <i>Biomacromolecules</i> , 2018, 19, 662-671.	2.6	27
1123	Recent Advances in Self-assembled Nano-therapeutics. <i>Chinese Journal of Polymer Science (English)</i> 11 0.784314 rgBT/Overlaid	2.0	35
1124	Solvent switchable nanostructures and the function of a $\pi$ -amphiphile. <i>Nanoscale</i> , 2018, 10, 3272-3280.	2.8	23
1125	Uptake and Intracellular Fate of Engineered Nanoparticles in Mammalian Cells: Capabilities and Limitations of Transmission Electron Microscopy-Polymer-Based Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1703704.	11.1	67
1126	Patterning Graphene Surfaces with Iron-Oxide-Embedded Mesoporous Polypyrrole and Derived N-Doped Carbon of Tunable Pore Size. <i>Small</i> , 2018, 14, 1702755.	5.2	73
1127	Controlled preparation of amphiphilic triblock-copolyether in a metal- and solvent-free approach for tailored structure-directing agents. <i>Chemical Communications</i> , 2018, 54, 2220-2223.	2.2	31
1128	Large-scale preparation of a 3D patchy surface with dissimilar dendritic amphiphiles. <i>Soft Matter</i> , 2018, 14, 1043-1049.	1.2	1
1129	Development of polyvinylpyrrolidone/paclitaxel self-assemblies for breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 602-614.	5.7	50
1130	Shape Persistence in Polymers and Supramolecular Assemblies. <i>Materials and Energy</i> , 2018, , 1-28.	2.5	3
1131	Conformation-Directed Micelle-to-Vesicle Transition of Cholesterol-Decorated Polypeptide Triggered by Oxidation. <i>Journal of the American Chemical Society</i> , 2018, 140, 6604-6610.	6.6	89
1132	Preferential Solvation Unveiled by Anomalous Conformational Equilibration of Porphyrin Dimers: Nucleation Growth of Solvent-Solvent Segregation. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5251-5259.	1.2	15
1133	Sodium Bis(acyl)phosphane oxide (SBAPO): An efficient photoinitiator for blue light initiated aqueous RAFT dispersion polymerization. <i>Polymer</i> , 2018, 145, 70-79.	1.8	10
1134	Multiscale and Multifunctional Emulsions by Host-Guest Interaction-Mediated Self-Assembly. <i>ACS Central Science</i> , 2018, 4, 600-605.	5.3	25
1135	Ion Transport and Interfacial Dynamics in Disordered Block Copolymers of Ammonium-Based Polymerized Ionic Liquids. <i>Macromolecules</i> , 2018, 51, 3477-3486.	2.2	25

#	ARTICLE	IF	CITATIONS
1136	Light-induced ATP driven self-assembly of actin and heavy-meromyosin in proteo-tubularsomes as a step toward artificial cells. <i>Chemical Communications</i> , 2018, 54, 5346-5349.	2.2	13
1137	Parameterization and atomistic simulations of biomimetic membranes. <i>Faraday Discussions</i> , 2018, 209, 161-178.	1.6	8
1138	General Syntheses of Nanotubes Induced by Block Copolymer Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800125.	2.0	7
1139	Self-assembly of fluorinated gradient copolymer in three-dimensional co-flow focusing microfluidic. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 75-82.	5.0	11
1140	Living Light-Induced Crystallization-Driven Self-Assembly for Rapid Preparation of Semiconducting Nanofibers. <i>Journal of the American Chemical Society</i> , 2018, 140, 6088-6094.	6.6	116
1141	Block-Block Copolymers of Poly( $\epsilon$ -Caprolactone) and Poly(Lactic Acid). <i>Angewandte Chemie</i> , 2018, 130, 7309-7313.	1.6	25
1142	Self-assembly study of nanometric spheres from polyoxometalate-phenylalanine hybrids, an experimental and theoretical approach. <i>Dalton Transactions</i> , 2018, 47, 6304-6313.	1.6	30
1143	An Overview of Materials with Triply Periodic Minimal Surfaces and Related Geometry: From Biological Structures to Self-Assembled Systems. <i>Advanced Materials</i> , 2018, 30, e1705708.	11.1	276
1144	Photonic Resins: Designing Optical Appearance via Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2018, 51, 2395-2400.	2.2	52
1145	Aqueous-Phase Ring-Opening Metathesis Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2018, 7, 401-405.	2.3	61
1146	Enzyme-Defined Polymer Nano-Objects under Mild Conditions. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700871.	2.0	67
1147	Carbon and nitrogen co-doped bowl-like Au/TiO <sub>2</sub> nanostructures with tunable size for enhanced visible-light-driven photocatalysis. <i>Applied Surface Science</i> , 2018, 445, 350-358.	3.1	33
1148	Amphiphilic Inorganic Nanoparticles with Mixed Polymer Brush Layers of Variable Composition: Bridging the Paradigms of Block Copolymer and Nanoparticle Self-Assembly. <i>Chemistry of Materials</i> , 2018, 30, 2474-2482.	3.2	22
1149	Anti-inflammatory polymersomes of redox-responsive polyprodrug amphiphiles with inflammation-triggered indomethacin release characteristics. <i>Biomaterials</i> , 2018, 178, 608-619.	5.7	93
1150	Dual Orthogonal Switching of the Schizophrenic Self-Assembly of Diblock Copolymers. <i>Macromolecules</i> , 2018, 51, 2604-2614.	2.2	33
1151	Synthesis, self-assembly and drug release behaviors of reduction-labile multi-responsive block miktobrush quaterpolymers with linear and V-shaped grafts. <i>Polymer Chemistry</i> , 2018, 9, 1947-1960.	1.9	12
1152	Self-assembly of fluorous amphiphilic copolymers with ionogels and surface switchable wettability. <i>Polymer Chemistry</i> , 2018, 9, 2258-2270.	1.9	5
1153	Janus quantum dot vesicles generated through membrane fusion. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1040-1045.	3.2	10



#	ARTICLE	IF	CITATIONS
1154	Effect of Chain Architecture on Self-Assembled Aggregates from Cyclic AB Diblock and Linear ABA Triblock Copolymers in Solution. <i>Langmuir</i> , 2018, 34, 4013-4023.	1.6	9
1155	Tuning the morphology of amphiphilic copolymer aggregates by compound emulsifier via emulsionâ€“solvent evaporation. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 297-305.	2.4	9
1156	Polyvinylpyridineâ€“Grafted Block Copolymers by an Iterative Allâ€“Anionic Polymerization Strategy. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700187.	1.1	7
1157	Stimuli-responsive polymer nano-science: Shape anisotropy, responsiveness, applications. <i>Progress in Polymer Science</i> , 2018, 78, 24-46.	11.8	107
1158	Trials and tribulations of designing multitasking catalysts for olefin/thiophene block copolymerizations. <i>Journal of Polymer Science Part A</i> , 2018, 56, 132-137.	2.5	10
1159	Shear-Induced Alignment of Janus Particle Lamellar Structures. <i>Langmuir</i> , 2018, 34, 1051-1060.	1.6	7
1160	Highly reactive and stable nanoscale zero-valent iron prepared within vesicles and its high-performance removal of water pollutants. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 610-617.	10.8	36
1161	Pure hydrophilic block copolymer vesicles with redox- and pH-cleavable crosslinks. <i>Polymer Chemistry</i> , 2018, 9, 1626-1637.	1.9	17
1162	Selfâ€“assembly of block copolymers with an alkoxysilaneâ€“based coreâ€“forming block: A comparison of synthetic approaches. <i>Journal of Polymer Science Part A</i> , 2018, 56, 420-429.	2.5	3
1163	Preparation of hydrophobic broadband antireflective SiO2 coating on flexible poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 519-525.	2.3	14
1164	Polymersome formation mechanism and formation rate in stirredâ€“tank reactors. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46077.	1.3	5
1165	Multicompartment Vesicles Formation by Emulsificationâ€“Induced Assembly of Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Communications, 2018, 39, 1700545.	2.0	8
1166	Synthesis and pH-responsive dissociation of framboidal ABC triblock copolymer vesicles in aqueous solution. <i>Chemical Science</i> , 2018, 9, 1454-1463.	3.7	42
1167	Theory of Linearâ€“Dendritic Block Copolymer Micelles. <i>ACS Macro Letters</i> , 2018, 7, 42-46.	2.3	12
1168	Nano-porous structures <i>via</i> self-assembly of amphiphilic triblock copolymers: influence of solvent and molecular weight. <i>Polymer Chemistry</i> , 2018, 9, 193-202.	1.9	8
1169	The construction of silver aggregate with inbuilt Raman molecule and gold nanowire forest in SERS-based immunoassay for cancer biomarker detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 105-114.	4.0	42
1170	Hybrid Siliconâ€“Based Organic/Inorganic Block Copolymers with Solâ€“Gel Active Moieties: Synthetic Advances, Selfâ€“Assembly and Applications in Biomedicine and Materials Science. <i>Chemistry - A European Journal</i> , 2018, 24, 3354-3373.	1.7	20
1171	DNA nanotechnology. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	1,268

#	ARTICLE	IF	CITATIONS
1172	A roadmap for poly(ethylene oxide)- <i>b</i> -poly( $\epsilon$ -caprolactone) self-assembly in water: Prediction, synthesis, and characterization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 330-339.	2.4	24
1173	Morphology of block copolymer micelles formed via electrospray enabled interfacial instability. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 411-418.	5.0	9
1174	Double thermoresponsive block-random copolymers with adjustable phase transition temperatures: From block-like to gradient-like behavior. <i>Journal of Polymer Science Part A</i> , 2018, 56, 399-411.	2.5	22
1175	Self-assembly of polystyrene- <i>b</i> -poly(2-vinylpyridine)- <i>b</i> -poly(ethylene oxide) triblock terpolymers. <i>European Polymer Journal</i> , 2018, 100, 121-131.	2.6	11
1176	Secondary structures of synthetic polypeptide polymers. <i>Polymer Chemistry</i> , 2018, 9, 1517-1529.	1.9	155
1177	Von der Präzisionssynthese von Blockcopolymeren zu Eigenschaften und Anwendungen von funktionellen Nanopartikeln. <i>Angewandte Chemie</i> , 2018, 130, 2066-2093.	1.6	14
1178	From Precision Synthesis of Block Copolymers to Properties and Applications of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2046-2070.	7.2	138
1180	Block copolymer electrolytes for fuel cells and secondary batteries, the small angle neutron scattering inputs. <i>EPJ Web of Conferences</i> , 2018, 188, 03002.	0.1	1
1181	Mapping heterogeneous polarity in multicompartment nanoparticles. <i>Scientific Reports</i> , 2018, 8, 17095.	1.6	7
1182	<i>In situ</i> synthesis of PAA- <i>b</i> -PSt nano-assemblies <i>via</i> dispersion RAFT polymerization: effects of PEG in the medium. <i>New Journal of Chemistry</i> , 2018, 42, 19353-19356.	1.4	6
1183	Self-assembly on optical fibers: a powerful nanofabrication tool for next generation "lab-on-fiber" optodes. <i>Nanoscale</i> , 2018, 10, 22673-22700.	2.8	63
1184	Computer study of the solubilization of polymer chains in polyelectrolyte complex cores of polymeric nanoparticles in aqueous media. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29876-29888.	1.3	10
1185	An ultrathin iron-porphyrin based nanocapsule with high peroxidase-like activity for highly sensitive glucose detection. <i>Nanoscale</i> , 2018, 10, 22155-22160.	2.8	28
1186	Reverse-phase high performance liquid chromatography (RP-HPLC) as a powerful tool to characterise complex water-soluble copolymer architectures. <i>Polymer Chemistry</i> , 2018, 9, 5511-5520.	1.9	7
1187	Giant polymersomes from non-assisted film hydration of phosphate-based block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 5385-5394.	1.9	29
1188	Disassembly of Multicompartment Polymer Micelles in Spatial Sequence Using an Electrostatic Field and Its Application for Release in Chronological Order. <i>Angewandte Chemie</i> , 2018, 130, 3640-3644.	1.6	1
1189	Orthogonal construction of dual dynamic covalent linkages toward an "AND" logic-gate acid/salt-responsive block copolymer. <i>Polymer</i> , 2018, 159, 32-38.	1.8	0
1190	Co-assembly of sugar-based amphiphilic block polymers to achieve nanoparticles with tunable morphology, size, surface charge, and acid-responsive behavior. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2230-2238.	3.2	9

#	ARTICLE	IF	CITATIONS
1191	Effect of Formulation and Processing Parameters on the Size of mPEG- <i>b</i> -p(HPMA-Bz) Polymeric Micelles. <i>Langmuir</i> , 2018, 34, 15495-15506.	1.6	45
1192	pH-Induced Transformation of Biodegradable Multilamellar Nanovectors for Enhanced Tumor Penetration. <i>ACS Macro Letters</i> , 2018, 7, 1394-1399.	2.3	23
1193	Scalable Fiber-like Micelles and Block Co-micelles by Polymerization-Induced Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 18104-18114.	6.6	83
1194	Developing Local Order Parameters for Order-Disorder Transitions From Particles to Block Copolymers: Application to Macromolecular Systems. <i>Macromolecules</i> , 2018, 51, 9781-9788.	2.2	13
1195	Polymeric Ionic Liquid-Based Fluorescent Amphiphilic Block Copolymer Micelle for Selective and Sensitive Detection of <i>p</i> -Phenylenediamine. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43049-43056.	4.0	36
1196	Self-Assembled Nanostructures of Red Fluorescent Amphiphilic Block Copolymers as Both Imaging Probes and Drug Carriers. <i>Polymers</i> , 2018, 10, 1120.	2.0	7
1197	Poly(styrene/pentafluorostyrene)- <i>b</i> -poly(vinyl alcohol/vinylpyrrolidone) amphiphilic block copolymers for kinetic gas hydrate inhibitors: Synthesis, micellization behavior, and methane hydrate kinetic inhibition. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2445-2457.	2.5	18
1199	Tensile Properties, Fracture Mechanics Properties and Toughening Mechanisms of Epoxy Systems Modified with Soft Block Copolymers, Rigid TiO <sub>2</sub> Nanoparticles and Their Hybrids. <i>Journal of Composites Science</i> , 2018, 2, 72.	1.4	28
1200	On the Colloidal Stability of Spherical Copolymeric Micelles. <i>ACS Omega</i> , 2018, 3, 17976-17985.	1.6	8
1201	Electrodeposition-Assisted Assembled Multilayer Films of Gold Nanoparticles and Glucose Oxidase onto Polypyrrole-Reduced Graphene Oxide Matrix and Their Electrocatalytic Activity toward Glucose. <i>Nanomaterials</i> , 2018, 8, 993.	1.9	12
1202	Mosaics of topological defects in micropatterned liquid crystal textures. <i>Science Advances</i> , 2018, 4, eaau8064.	4.7	50
1203	Self-Assembly of Thermosensitive Amphiphilic Pentablock Terpolymer PNIPAM- <i>b</i> -PBA- <i>b</i> -PPO- <i>b</i> -PBA in Dilute Aqueous Solution. <i>Macromolecules</i> , 2018, 51, 10136-10149.	2.3	26
1204	Self-Assembly of Amphiphilic Block Copolymers during Reversible Addition-Fragmentation Chain Transfer Heterophase Polymerization: Problems, Achievements, and Outlook. <i>Polymer Science - Series C</i> , 2018, 60, 192-218.	0.8	6
1205	Functionalization-Induced Self-Assembly of Block Copolymers for Nanoparticle Synthesis. <i>ACS Macro Letters</i> , 2018, 7, 1503-1508.	2.3	26
1206	Self-Assembly and Applications of Amphiphilic Hybrid POSS Copolymers. <i>Molecules</i> , 2018, 23, 2481.	1.7	22
1207	DNA-templated nanofabrication. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 38, 88-99.	3.4	16
1208	Fabrication of Cyclic Brush Copolymers with Heterogeneous Amphiphilic Polymer Brushes for Controlled Drug Release. <i>Macromolecules</i> , 2018, 51, 7672-7679.	2.2	45
1209	Molecular Dynamics Simulation and PRISM Theory Study of Assembly in Solutions of Amphiphilic Bottlebrush Block Copolymers. <i>Macromolecules</i> , 2018, 51, 7586-7599.	2.2	54

#	ARTICLE	IF	CITATIONS
1210	Recent progress in macrocyclic amphiphiles and macrocyclic host-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2152-2174.	3.2	102
1211	Protein Transduction Domain Mimic (PTDM) Self-Assembly?. <i>Polymers</i> , 2018, 10, 1039.	2.0	7
1212	In Situ Spectroscopic Studies of Highly Transparent Nanoparticle Dispersions Enable Assessment of Trithiocarbonate Chain-End Fidelity during RAFT Dispersion Polymerization in Nonpolar Media. <i>Journal of the American Chemical Society</i> , 2018, 140, 12980-12988.	6.6	47
1213	pH- and thermo-responsive solution behavior of amphiphilic, linear triblock terpolymers. <i>Polymer</i> , 2018, 157, 9-18.	1.8	19
1214	PEG-modified poly(10,11-dihydroxyundecanoic acid) amphiphilic copolymers. Grafting versus macromonomer copolymerization approaches using CALB. <i>European Polymer Journal</i> , 2018, 109, 179-190.	2.6	13
1215	Extending the Scope of "Living" Crystallization-Driven Self-Assembly: Well-Defined 1D Micelles and Block Comicelles from Crystallizable Polycarbonate Block Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 17127-17140.	6.6	77
1216	Self-Assembly of PEO-b-PCL-b-PMOXA Binary Mixtures. <i>Macromolecules</i> , 2018, 51, 9097-9109.	2.2	4
1217	Construction of Long Narrow Gaps in Ag Nanoplates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15560-15563.	6.6	91
1218	Synthesis of amphiphilic comb-like liquid crystalline diblock polyethers and their self-assembly in solution. <i>Polymer</i> , 2018, 158, 65-71.	1.8	5
1219	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17205-17210.	7.2	14
1220	Facile synthesis of dual-responsive thioether-bridging graft copolymers by combination of controlled polymerization and thio-bromo click reaction. <i>Polymer</i> , 2018, 157, 59-66.	1.8	7
1221	Large Hexosomes from Emulsion Droplets: Particle Shape and Mesostructure Control. <i>Langmuir</i> , 2018, 34, 13662-13671.	1.6	11
1222	Polymersomes: Breaking the Glass Ceiling?. <i>Small</i> , 2018, 14, e1802734.	5.2	20
1223	Critical Dependence of Molecular Weight on Thermoresponsive Behavior of Diblock Copolymer Worm Gels in Aqueous Solution. <i>Macromolecules</i> , 2018, 51, 8357-8371.	2.2	65
1224	Predicting Monomers for Use in Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15733-15737.	7.2	78
1225	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie</i> , 2018, 130, 17451-17456.	1.6	2
1226	Could Mesophases Play a Role in the Nucleation and Polymorph Selection of Zeolites?. <i>Journal of the American Chemical Society</i> , 2018, 140, 16071-16086.	6.6	23
1227	The investigation of the stability of DNA-b-PPO vesicles formed through frame guided assembly. <i>Science China Chemistry</i> , 2018, 61, 1568-1571.	4.2	11

#	ARTICLE	IF	CITATIONS
1228	Predicting Monomers for Use in Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2018, 130, 15959-15963.	1.6	17
1229	Amphiphilic Rod Block Copolymers Based on Phenylacetylene and 3,5-Disubstituted Phenylacetylene: Synthesis, Helical Conformation, and Self-Assembly. <i>Macromolecules</i> , 2018, 51, 7500-7508.	2.2	24
1230	Nanoparticles reveal Extreme Size-Sorting and Morphologies in Complex Coacervate Superstructures. <i>Scientific Reports</i> , 2018, 8, 13820.	1.6	9
1231	Contact Resonance Force Microscopy for Viscoelastic Property Measurements: From Fundamentals to State-of-the-Art Applications. <i>Macromolecules</i> , 2018, 51, 6977-6996.	2.2	37
1232	Influence of end-group modification on interaction of amphiphilic poly(oxyethylene)-b-poly(oxybutylene) block copolymers with ionic surfactants. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	2
1233	Bottom-Up Evolution of Vesicles from Disks to High-Genus Polymersomes. <i>IScience</i> , 2018, 7, 132-144.	1.9	29
1234	Regulated Fragmentation of Crystalline Micelles of Block Copolymer via Monoamine-Induced Corona Swelling. <i>Macromolecules</i> , 2018, 51, 7637-7648.	2.2	24
1235	Probing the Growth Kinetics for the Formation of Uniform 1D Block Copolymer Nanoparticles by Living Crystallization-Driven Self-Assembly. <i>ACS Nano</i> , 2018, 12, 8920-8933.	7.3	60
1236	Enzyme catalysis-induced RAFT polymerization in water for the preparation of epoxy-functionalized triblock copolymer vesicles. <i>Polymer Chemistry</i> , 2018, 9, 4908-4916.	1.9	55
1237	Strategies for the selective loading of patchy worm-like micelles with functional nanoparticles. <i>Nanoscale</i> , 2018, 10, 18257-18268.	2.8	26
1238	Room Temperature Synthesis of Self-Assembled AB/B and ABC/BC Blends by Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) in Water. <i>Macromolecules</i> , 2018, 51, 7396-7406.	2.2	59
1239	Anionic block copolymer vesicles act as Trojan horses to enable efficient occlusion of guest species into host calcite crystals. <i>Chemical Science</i> , 2018, 9, 8396-8401.	3.7	37
1240	Synthesis of Polystyrene Particles with Precisely Controlled Degree of Concaveness. <i>Polymers</i> , 2018, 10, 458.	2.0	13
1241	Polyphilicity—An Extension of the Concept of Amphiphilicity in Polymers. <i>Polymers</i> , 2018, 10, 960.	2.0	15
1242	Liposomes and polymersomes: a comparative review towards cell mimicking. <i>Chemical Society Reviews</i> , 2018, 47, 8572-8610.	18.7	731
1243	Cavitation Enables Switchable and Rapid Block Polymer Exchange under High-Pressure Conditions. <i>Macromolecules</i> , 2018, 51, 6967-6975.	2.2	10
1244	Multidimensional equilibria and their stability in copolymer-solvent mixtures. <i>Physica D: Nonlinear Phenomena</i> , 2018, 373, 1-12.	1.3	3
1245	Fabrication of Photonic Bandgap Materials by Shifting Double Frameworks. <i>Chemistry - A European Journal</i> , 2018, 24, 17389-17396.	1.7	5

#	ARTICLE	IF	CITATIONS
1246	Solution self-assembly of poly(3-hexylthiophene)- <i>b</i> -poly(lactide) brush copolymers: impact of side chain arrangement. <i>Polymer Chemistry</i> , 2018, 9, 3279-3286.	1.9	18
1247	Fluorinated DNA Micelles: Synthesis and Properties. <i>Analytical Chemistry</i> , 2018, 90, 6843-6850.	3.2	24
1248	Stabilizing the Ordered Bicontinuous Double Diamond Structure of Diblock Copolymer by Configurational Regularity. <i>Macromolecules</i> , 2018, 51, 4049-4058.	2.2	20
1249	Behavior of ATRP-derived styrene and 4-vinylpyridine-based amphiphilic block copolymers in solution. <i>Colloid and Polymer Science</i> , 2018, 296, 1127-1135.	1.0	3
1250	Preparation and characterization of temperature- and pH-responsive diblock copolymers and their silica-coated nanoparticles. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2273-2280.	1.6	9
1251	Supramolecular Copolymerization by Sequence Reorganization of a Supramolecular Homopolymer. <i>Angewandte Chemie</i> , 2018, 130, 7146-7151.	1.6	6
1252	Morphology Regulation in Redox Destructible Amphiphilic Block Copolymers and Impact on Intracellular Drug Delivery. <i>Macromolecular Bioscience</i> , 2018, 18, e1800057.	2.1	21
1253	Formation of Diverse Ordered Structures in ABC Triblock Terpolymer Templated Macroporous Silicas. <i>Macromolecules</i> , 2018, 51, 4381-4396.	2.2	22
1254	Influence of Solvophilic Homopolymers on RAFT Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2018, 51, 4397-4406.	2.2	48
1255	Self-Assembly of a Thermally Responsive Double-Hydrophilic Copolymer in Ethanol-Water Mixtures: The Effect of Preferential Adsorption and Co-Nonsolvency. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6072-6078.	1.2	11
1256	Controlling the Morphology of Film-Forming, Nanocomposite Latexes Containing Layered Double Hydroxide by RAFT-Mediated Emulsion Polymerization. <i>Macromolecules</i> , 2018, 51, 3953-3966.	2.2	23
1257	Amphiphilic graft polymer with reduction breakable main chain prepared via click polymerization and grafting onto. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	3
1259	Enhancement of the Photoalignment Stability of Block Copolymer Brushes by Anchor Segments. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800153.	1.1	3
1260	Polymerization-induced self-assembly of liquid crystalline ABC triblock copolymers with long solvophilic chains. <i>Polymer Chemistry</i> , 2018, 9, 3944-3951.	1.9	20
1261	Food Packaging: Surface Engineering and Commercialization. , 2018, , 301-328.		3
1262	Intermolecular Forces and Solvation. <i>Interface Science and Technology</i> , 2018, 21, 49-130.	1.6	7
1263	Fabrication of Si and Ge nanoarrays through graphoepitaxial directed hardmask block copolymer self-assembly. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 533-543.	5.0	1
1264	CO <sub>2</sub> -Breathing Polymer Assemblies via One-Pot Sequential RAFT Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800291.	2.0	18

#	ARTICLE	IF	CITATIONS
1265	Preparation of molecularly imprinted polymer/Au nano hybrids as an effective biosensing material. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 95-102.	2.3	13
1266	Singlet Fission in Core-Shell Micelles of End-Functionalized Polymers. <i>Chemistry of Materials</i> , 2018, 30, 4409-4421.	3.2	16
1267	Titanium(IV)-folded single-chain polymeric nanoparticles as artificial metalloenzyme for asymmetric sulfoxidation in water. <i>Chemical Communications</i> , 2018, 54, 9430-9433.	2.2	15
1268	Highly Tunable and Facile Synthesis of Uniform Carbon Flower Particles. <i>Journal of the American Chemical Society</i> , 2018, 140, 10297-10304.	6.6	86
1270	Self-assembly/disassembly of giant double-hydrophilic polymersomes at biologically-relevant pH. <i>Chemical Communications</i> , 2018, 54, 9043-9046.	2.2	18
1271	Controllable self-assembly of polystyrene-block-poly(2-vinylpyridine). <i>Polymer International</i> , 2018, 67, 619-626.	1.6	10
1272	The effect of block copolymer and core-shell rubber hybrid toughening on morphology and fracture of epoxy-based fibre reinforced composites. <i>Engineering Fracture Mechanics</i> , 2018, 203, 81-101.	2.0	54
1273	Two Robust Strategies toward Hydrogels from Quenched Block Copolymer Nanofibrillar Micelles. <i>Macromolecules</i> , 2018, 51, 5788-5797.	2.2	5
1274	Gyroid Networks: Photonic Materials Beyond Nature. <i>Advanced Optical Materials</i> , 2018, 6, 1800485.	3.6	19
1275	Head-Tail Asymmetry as the Determining Factor in the Formation of Polymer Cubosomes or Hexosomes in a Rod-Coil Amphiphilic Block Copolymer. <i>Angewandte Chemie</i> , 2018, 130, 10289-10293.	1.6	0
1277	Specific Supramolecular Interaction Regulated Entropically Favorable Assembly of Amphiphilic Macromolecules. <i>Macromolecules</i> , 2018, 51, 5182-5190.	2.2	40
1278	Toward Uniform Nanofibers with a $\pi$ -Conjugated Core: Optimizing the Living-Crystallization-Driven Self-Assembly of Diblock Copolymers with a Poly(3-octylthiophene) Core-Forming Block. <i>Macromolecules</i> , 2018, 51, 5101-5113.	2.2	33
1279	Cyanine-Mediated DNA Nanofiber Growth with Controlled Dimensionality. <i>Journal of the American Chemical Society</i> , 2018, 140, 9518-9530.	6.6	60
1280	Self-Assembly Behavior and pH-Stimuli-Responsive Property of POSS-Based Amphiphilic Block Copolymers in Solution. <i>Micromachines</i> , 2018, 9, 258.	1.4	10
1281	PLMA-b-POEGMA Amphiphilic Block Copolymers as Nanocarriers for the Encapsulation of Magnetic Nanoparticles and Indomethacin. <i>Polymers</i> , 2018, 10, 14.	2.0	9
1282	Self-Assembly of Block and Graft Copolymers in Organic Solvents: An Overview of Recent Advances. <i>Polymers</i> , 2018, 10, 62.	2.0	68
1283	Exploring Poly(ethylene glycol)-Polyzwitterion Diblock Copolymers as Biocompatible Smart Macro surfactants Featuring UCST-Phase Behavior in Normal Saline Solution. <i>Polymers</i> , 2018, 10, 325.	2.0	28
1284	Lateral Order and Self-Organized Morphology of Diblock Copolymer Micellar Films. <i>Polymers</i> , 2018, 10, 597.	2.0	0

#	ARTICLE	IF	CITATIONS
1285	Dynamic and programmable morphology and size evolution via a living hierarchical self-assembly strategy. <i>Nature Communications</i> , 2018, 9, 2772.	5.8	67
1286	Interplay of Thermosensitivity and pH Sensitivity of Amphiphilic Block-Gradient Copolymers of Dimethylaminoethyl Acrylate and Styrene. <i>Macromolecules</i> , 2018, 51, 5219-5233.	2.2	19
1287	Biodegradable, Drug-Loaded Nanovectors via Direct Hydration as a New Platform for Cancer Therapeutics. <i>Small</i> , 2018, 14, e1703774.	5.2	19
1288	Topology Affecting Block Copolymer Nanoassemblies: Linear Block Copolymers versus Star Block Copolymers under PISA Conditions. <i>Macromolecules</i> , 2018, 51, 5440-5449.	2.2	55
1289	Living synthesis of silicone polymers controlled by humidity. <i>European Polymer Journal</i> , 2018, 107, 287-293.	2.6	25
1290	Synthesis of diblock copolymer nano-assemblies: Comparison between PISA and micellization. <i>Polymer</i> , 2018, 150, 204-213.	1.8	10
1291	Morphology Evolution of Stimuli-Responsive Triblock Copolymer Modulated by Polyoxometalates. <i>Langmuir</i> , 2018, 34, 8975-8982.	1.6	11
1292	Hybrid Gd <sup>3+</sup> /cisplatin cross-linked polymer nanoparticles enhance platinum accumulation and formation of DNA adducts in glioblastoma cell lines. <i>Biomaterials Science</i> , 2018, 6, 2386-2409.	2.6	28
1293	Self-Assembled Thermoresponsive Polymeric Nanogels for <sup>19</sup> F MR Imaging. <i>Biomacromolecules</i> , 2018, 19, 3515-3524.	2.6	49
1294	Functional Assemblies Emerging in Complex Mixtures of Peptides and Nucleic Acid- Peptide Chimeras. <i>Chemistry - A European Journal</i> , 2018, 24, 10128-10135.	1.7	24
1295	Poly(hydroxyl propyl methacrylate)- <i>b</i> -Poly(oligo ethylene glycol methacrylate) Thermoresponsive Block Copolymers by RAFT Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800060.	1.1	5
1296	Polymer nanodisks by collapse of nanocapsules. <i>Science China Chemistry</i> , 2018, 61, 569-575.	4.2	19
1297	A facile method for preparation of uniform polymeric vesicles with tunable size. <i>Nanoscale</i> , 2018, 10, 14860-14867.	2.8	10
1298	Artificial 3D hierarchical and isotropic porous polymeric materials. <i>Science Advances</i> , 2018, 4, eaat0713.	4.7	31
1299	Emulsion-Assisted Polymerization-Induced Hierarchical Self-Assembly of Giant Sea Urchin-Like Aggregates on a Large Scale. <i>Angewandte Chemie</i> , 2018, 130, 8175-8179.	1.6	18
1300	Emulsion-Assisted Polymerization-Induced Hierarchical Self-Assembly of Giant Sea Urchin-Like Aggregates on a Large Scale. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8043-8047.	7.2	45
1301	Microphase Separation of Polybutyrolactone-Based Block Copolymers with Sub-20 nm Domains. <i>Macromolecules</i> , 2018, 51, 6534-6541.	2.2	10
1302	Photoinitiated Seeded RAFT Dispersion Polymerization: A Facile Method for the Preparation of Epoxy-Functionalized Triblock Copolymer Nano-Objects. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800473.	2.0	31



#	ARTICLE	IF	CITATIONS
1303	Poly(dimethylaminoethyl methacrylate)- <i>b</i> -poly(hydroxypropyl methacrylate) copolymers: Synthesis and pH/thermo-responsive behavior in aqueous solutions. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1962-1977.	2.5	14
1304	Y-shaped copolymers of poly(ethylene glycol)-poly( $\mu$ -caprolactone) with ketal bond as the branchpoint for drug delivery. <i>Materials Science and Engineering C</i> , 2018, 93, 554-564.	3.8	12
1305	Julolidine-labelled fluorinated block copolymers for the development of two-layer films with highly sensitive vapochromic response. <i>Science China Chemistry</i> , 2018, 61, 947-956.	4.2	11
1306	Cooperation of Amphiphilicity and Smectic Order in Regulating the Self-Assembly of Cholesterol-Functionalized Brush-Like Block Copolymers. <i>Langmuir</i> , 2018, 34, 11034-11041.	1.6	11
1307	Controlled ROMP Synthesis of Ferrocene-Containing Amphiphilic Dendronized Diblock Copolymers as Redox-Controlled Polymer Carriers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800273.	1.1	21
1308	Multi-stimuli-responsive self-immolative polymer assemblies. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1868-1877.	2.5	11
1309	Triple-Responsive Block Copolymer Micelles with Synergistic pH and Temperature Response. <i>Macromolecules</i> , 2018, 51, 6848-6858.	2.2	35
1310	Crystallization-Driven Two-Dimensional Self-Assembly of Amphiphilic PCL- <i>b</i> -PEO Coated Gold Nanoparticles in Aqueous Solution. <i>ACS Macro Letters</i> , 2018, 7, 1062-1067.	2.3	31
1311	One-pot synthesized ABA tri-block copolymers for high-performance organic field-effect transistors. <i>Polymer Chemistry</i> , 2018, 9, 4517-4522.	1.9	11
1312	Block copolymer self-assembly in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25123-25139.	1.3	34
1313	Perpendicular Alignment and Selective Swelling-Induced Generation of Homopores of Polystyrene- <i>b</i> -poly(2-vinylpyridine)- <i>b</i> -poly(ethylene oxide) Triblock Terpolymer. <i>Macromolecules</i> , 2018, 51, 6248-6256.	2.2	11
1314	Crystallization-Driven Two-Dimensional Nanosheet from Hierarchical Self-Assembly of Polypeptoid-Based Diblock Copolymers. <i>Macromolecules</i> , 2018, 51, 6344-6351.	2.2	70
1315	Design of an Amphiphilic iRGD Peptide and Self-Assembling Nanovesicles for Improving Tumor Accumulation and Penetration and the Photodynamic Efficacy of the Photosensitizer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31674-31685.	4.0	41
1316	Electrostatically Tuned Microdomain Morphology and Phase-Dependent Ion Transport Anisotropy in Single-Ion Conducting Block Copolyelectrolytes. <i>Macromolecules</i> , 2018, 51, 4471-4483.	2.2	41
1317	Solvent Mixing To Induce Molecular Motor Aggregation into Bowl-Shaped Particles: Underlying Mechanism, Particle Nature, and Application To Control Motor Behavior. <i>Journal of the American Chemical Society</i> , 2018, 140, 7860-7868.	6.6	40
1318	Head-Tail Asymmetry as the Determining Factor in the Formation of Polymer Cubosomes or Hexasomes in a Rod-Coil Amphiphilic Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10132-10136.	7.2	46
1319	Achieving high permeability and enhanced selectivity for Angstrom-scale separations using artificial water channel membranes. <i>Nature Communications</i> , 2018, 9, 2294.	5.8	95
1320	A facile route to bespoke macro- and mesoporous block copolymer microparticles. <i>Polymer Chemistry</i> , 2018, 9, 3808-3819.	1.9	7

#	ARTICLE	IF	CITATIONS
1321	Core-Shell-Corona Micelles from a Polyether-Based Triblock Terpolymer: Investigation of the pH-Dependent Micellar Structure. <i>Langmuir</i> , 2018, 34, 7813-7820.	1.6	6
1322	Crystallization Behavior of Crystalline-Amorphous and Crystalline-Crystalline Block Copolymers Containing Poly(L-lactide). , 2018, , 93-122.		2
1323	Cisplatin-Encapsulated Polymeric Nanoparticles with Molecular Geometry-Regulated Colloidal Properties and Controlled Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23617-23629.	4.0	26
1324	Controlled self-assembly into diverse stimuli-responsive microstructures: from microspheres to branched cylindrical micelles and vesicles. <i>RSC Advances</i> , 2018, 8, 21613-21620.	1.7	4
1325	Self-Assembly of Unconventional Low-Molecular-Mass Amphiphiles Containing a PEG Chain. <i>Langmuir</i> , 2019, 35, 848-861.	1.6	14
1326	Synthesis, characterization and self-assembly investigation of novel PEG-g-PCL copolymers by combination of ROP and "click" chemistry method as a sustained release formulation for hydrophobic drug. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 540-550.		6
1327	Lipase-catalyzed synthesis of pH-responsive poly(L-thioether ester)-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 564-574.	1.8	7
1328	Ketone-Functionalized Polymer Nano-Objects Prepared via Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) Using a Poly(diacetone acrylamide)-Based Macro-RAFT Agent. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800296.	2.0	39
1329	Polymerization-Induced Self-Assembly of Functionalized Block Copolymer Nanoparticles and Their Application in Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800279.	2.0	189
1330	Synthesis and Nano-object Assembly of Biomimetic Block Copolymers for Catalytic Silver Nanoparticles. <i>Langmuir</i> , 2019, 35, 1346-1356.	1.6	22
1331	Anticancer Activity of a New Chalcone Derivative-Loaded Polymeric Micelle. <i>Macromolecular Research</i> , 2019, 27, 48-54.	1.0	6
1332	Self-Assembly of Soft Nanoparticles. , 2019, , 217-254.		2
1333	Shape Transformations of Vesicles Self-Assembled from Amphiphilic Hyperbranched Multiarm Copolymers via Simulation. <i>Langmuir</i> , 2019, 35, 6929-6938.	1.6	17
1334	Modulation of thermodynamic and kinetic inverted phase behavior of block copolymers by inorganic polyoxometalates. <i>Soft Matter</i> , 2019, 15, 6988-6993.	1.2	6
1335	Redox-Driven Disassembly of Polymer-Chlorambucil Polyprodrug: Delivery of Anticancer Nitrogen Mustard and DNA Alkylation. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2503-2515.	2.0	35
1336	Emerging Trends in Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2019, 8, 1029-1054.	2.3	423
1337	Blue Light-Initiated Alcoholic RAFT Dispersion Polymerization of Benzyl Methacrylate: A Detailed Study. <i>Polymers</i> , 2019, 11, 1284.	2.0	3
1338	Controlled synthesis of polymethylene-b-poly(ethylene glycol) as well as its crystallization and self-assembly behavior. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 412-420.	0.9	1

#	ARTICLE	IF	CITATIONS
1339	Emerging Two-Dimensional Crystallization of Cucurbit[8]uril Complexes: From Supramolecular Polymers to Nanofibers. <i>Journal of the American Chemical Society</i> , 2019, 141, 14021-14025.	6.6	29
1340	Structural Difference in Macro-RAFT Agents Redirects Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2019, 8, 1102-1109.	2.3	44
1341	Block and Graft Copolymers Made of 16-Membered Macrolactones and L-Alanine: A Comparative Study. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900214.	1.1	4
1342	Mechanical and Morphological Properties of Waterborne ABA Hard-Soft-Hard Block Copolymers Synthesized by Means of RAFT Miniemulsion Polymerization. <i>Polymers</i> , 2019, 11, 1259.	2.0	6
1343	Evaporation-induced self-assembly of C60 on SrTiO3(110) reconstructed surfaces. <i>Nanotechnology</i> , 2019, 30, 415605.	1.3	0
1344	Uniform, High-Aspect-Ratio, and Patchy 2D Platelets by Living Crystallization-Driven Self-Assembly of Crystallizable Poly(ferrocenyldimethylsilane)-Based Homopolymers with Hydrophilic Charged Termini. <i>Macromolecules</i> , 2019, 52, 6068-6079.	2.2	26
1345	Barbiturate derived amphiphilic homopolymers: synthesis, characterization, self-assembly and anticancer drug delivery. <i>Therapeutic Delivery</i> , 2019, 10, 419-431.	1.2	5
1346	Recent Advances in Nanoformulated Chemotherapeutic Drug Delivery (2015-2019). <i>ChemistrySelect</i> , 2019, 4, 8731-8744.	0.7	3
1347	Ferrocene-containing amphiphilic dendronized random copolymer as efficient stabilizer for reusable gold nanoparticles in catalysis. <i>Reactive and Functional Polymers</i> , 2019, 143, 104325.	2.0	15
1348	Nonionic Amphiphilic Linear Dendritic Block Copolymers. Solvent-Induced Self-Assembly and Morphology Tuning. <i>Macromolecules</i> , 2019, 52, 5563-5573.	2.2	19
1349	Block Copolymer Amphiphile Phase Diagrams by High-Throughput Transmission Electron Microscopy. <i>Macromolecules</i> , 2019, 52, 5529-5537.	2.2	24
1350	Synthesis of Monodisperse Cylindrical Nanoparticles via Crystallization-driven Self-assembly of Biodegradable Block Copolymers. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	2
1351	Seeded Photoinitiated Polymerization-Induced Self-Assembly: Cylindrical Micelles with Patchy Structures Prepared via the Chain Extension of a Third Block. <i>ACS Macro Letters</i> , 2019, 8, 955-961.	2.3	46
1352	Tough Triblock Copolymer Hydrogels with Different Micromorphologies for Medical and Sensory Materials. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1948-1953.	2.0	9
1353	Supramolecular Block Copolymers by Seeded Living Polymerization of Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2019, 141, 12044-12054.	6.6	107
1354	New Insight into Cluster Aggregation Mechanism during Polymerization-Induced Self-Assembly by Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6609-6617.	1.2	24
1355	Synthesis and characterization of amphiphilic branched silica derivatives associated with oligomeric medium. <i>RSC Advances</i> , 2019, 9, 21233-21242.	1.7	7
1356	Kinetic Control of Aggregation Shape in Micellar Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13799-13802.	7.2	18

#	ARTICLE	IF	CITATIONS
1357	One-Step Approach to Polyesterâ€“Polyether Block Copolymers Using Highly Tunable Bicomponent Catalyst. ACS Macro Letters, 2019, 8, 973-978.	2.3	66
1358	Switch It Inside-Out: â€œSchizophrenicâ€ Behavior of All Thermoresponsive UCSTâ€“LCST Diblock Copolymers. Langmuir, 2019, 35, 9660-9676.	1.6	59
1359	Block copolymers containing dextran and deoxycholic acid polyesters. Synthesis, self-assembly and hydrophobic drug encapsulation. Carbohydrate Polymers, 2019, 223, 115118.	5.1	6
1360	Synthesis and self-seeding behavior of oligo(p-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (vinylene)-block copolymers. Journal of Polymer Science Part A: Polymer Chemistry, 2019, 57, 4718-4731.	1.9	13
1361	Nanoscale Effects in Oneâ€“Dimensional Columnar Supramolecular Ferroelectrics. Chemistry - A European Journal, 2019, 25, 11233-11239.	1.7	21
1362	Polyethylene Glycol Nanoparticles as Promising Tools for Anticancer Therapeutics. , 2019, , 205-231.		20
1363	Smart Polymersomes as Intelligent Nanomedicines in Cancer Treatment. , 2019, , 343-371.		8
1364	The selectivity of poly(2-vinylpyridine-block-methyl methacrylate) copolymer films: an AFM study. RSC Advances, 2019, 9, 16455-16466.	1.7	4
1365	Biomimetic Separation of Transport and Matrix Functions in Lamellar Block Copolymer Channel-Based Membranes. ACS Nano, 2019, 13, 8292-8302.	7.3	37
1366	Tetrahedron. Chinese Journal of Chemistry, 2019, 37, 834-842.	2.6	6
1367	RAFT Dispersion Polymerization in the Presence of Block Copolymer Nanoparticles and Synthesis of Multicomponent Block Copolymer Nanoassemblies. Macromolecules, 2019, 52, 5168-5176.	2.2	17
1368	Polymersomes for drug delivery and other biomedical applications. , 2019, , 269-309.		14
1369	Supramolecular luminescent triblock copolymer thermoplastic elastomer via metal-ligand coordination. Polymer Testing, 2019, 78, 105956.	2.3	16
1370	Aggregated Solution Morphology of Poly(acrylic acid)-Poly(styrene) Block Copolymers Improves Drug Supersaturation Maintenance and Caco-2 Cell Membrane Permeation. Molecular Pharmaceutics, 2019, 16, 4423-4435.	2.3	3
1371	Stochastic work extraction in a colloidal heat engine in the presence of colored noise. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 094012.	0.9	26
1372	Controlled morphological transition of ABC triblock copolymer aided by oleic acid via hydrogen bonding. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 581, 123839.	2.3	4
1373	The Adsorption of Methylene Blue by an Amphiphilic Block Co-Poly(Arylene Ether Nitrile) Microsphere-Based Adsorbent: Kinetic, Isotherm, Thermodynamic and Mechanistic Studies. Nanomaterials, 2019, 9, 1356.	1.9	15
1375	Crystalline Cooperativity of Donor and Acceptor Segments in Doubleâ€“Cable Conjugated Polymers toward Efficient Singleâ€“Component Organic Solar Cells. Angewandte Chemie, 2019, 131, 15678-15686.	1.6	11

#	ARTICLE	IF	CITATIONS
1376	Crystalline Cooperativity of Donor and Acceptor Segments in Double-Chain Conjugated Polymers toward Efficient Single-Component Organic Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15532-15540.	7.2	53
1377	pH-Driven Morphological Diversity in Poly[ <i>n</i> -Butyl Acrylate]-block- $\alpha$ -(Dimethylamino)Ethyl Acrylate]] Amphiphilic Copolymer Solutions. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900477.	2.0	9
1378	Melamine-mediated supramolecular assembly of nucleobase-modified poly( <i>l</i> -lysine). <i>Polymer Chemistry</i> , 2019, 10, 6432-6439.	1.9	4
1379	Ultrathin Spider Silk Films: Insights into Spider Silk Assembly on Surfaces. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3366-3374.	2.0	27
1380	Molecular Architecture Directs Linear-Block Linear Triblock Copolymers to Self-Assemble to Soft Reprocessable Elastomers. <i>ACS Macro Letters</i> , 2019, 8, 1528-1534.	2.3	28
1381	Humid annealing induced microphase separation in poly( <i>N</i> -dodecylacrylamide- <i>b</i> -polyethylene glycol) film. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 685, 7-13.	0.4	2
1382	Micellization of Pluronic P123 in Water/Ethanol/Turpentine Oil Mixed Solvents: Hybrid Particle-Field Molecular Dynamic Simulation. <i>Polymers</i> , 2019, 11, 1806.	2.0	5
1383	Functional Macromolecule-Enabled Colloidal Synthesis: From Nanoparticle Engineering to Multifunctionality. <i>Advanced Materials</i> , 2019, 31, e1902733.	11.1	25
1384	Kinetic Control of Aggregation Shape in Micellar Self-Assembly. <i>Angewandte Chemie</i> , 2019, 131, 13937-13940.	1.6	1
1385	Uniform Biodegradable Fiber-Like Micelles and Block Micelles via $\alpha$ -Living-Crystallization-Driven Self-Assembly of Poly( <i>l</i> -lactide) Block Copolymers: The Importance of Reducing Unimer Self-Nucleation via Hydrogen Bond Disruption. <i>Journal of the American Chemical Society</i> , 2019, 141, 19088-19098.	6.6	104
1386	Carbazolevinylene and phenylenevinylene polymers by ring-opening metathesis polymerization and their characterization, nanoaggregates and optical and electrochemical properties. <i>Polymer</i> , 2019, 181, 121770.	1.8	4
1387	Ion-selective binding as a new trigger for micellization of block copolyelectrolytes with two anionic blocks. <i>Soft Matter</i> , 2019, 15, 8266-8271.	1.2	5
1388	Tandem Self-Assembly of Block Copolymer: From Vesicles to Stacked Bowls. <i>Macromolecules</i> , 2019, 52, 6698-6703.	2.2	12
1389	Development of PVDF Ultrafiltration Membrane with Zwitterionic Block Copolymer Micelles as a Selective Layer. <i>Membranes</i> , 2019, 9, 93.	1.4	9
1390	$\alpha$ -Rod-coil-copolymers get self-assembled in solution. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2283-2307.	3.2	41
1391	Effect of Core Cross-linking on the Physical Properties of Poly(dimethylsiloxane)-Based Diblock Copolymer Worms Prepared in Silicone Oil. <i>Macromolecules</i> , 2019, 52, 6849-6860.	2.2	24
1392	Indometacin-loaded micelles based on star-shaped PLLA-TPGS copolymers: effect of arm numbers on drug delivery. <i>Colloid and Polymer Science</i> , 2019, 297, 1321-1330.	1.0	5
1393	ROMPI-CDSA: ring-opening metathesis polymerization-induced crystallization-driven self-assembly of metallo-block copolymers. <i>Chemical Science</i> , 2019, 10, 9782-9787.	3.7	47

#	ARTICLE	IF	CITATIONS
1394	Converse transitions between the micelles and the vesicles of pyrrolidone-based AIE amphiphilic copolymers in polar and apolar solvents. <i>RSC Advances</i> , 2019, 9, 28102-28111.	1.7	9
1395	Enhancing the intermolecular singlet fission efficiency by controlling the self-assembly of amphiphilic tetracene derivatives in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11090-11098.	2.7	12
1396	Computational Reverse-Engineering Analysis for Scattering Experiments on Amphiphilic Block Polymer Solutions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14916-14930.	6.6	24
1397	Moebius strips of chiral block copolymers. <i>Nature Communications</i> , 2019, 10, 4090.	5.8	44
1398	New sustainable alternatives to reduce the production costs for surfactin 50 years after the discovery. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8647-8656.	1.7	42
1399	Aqueous Self-Assembly of Amphiphilic Cyclic Brush Block Copolymers as Asymmetry-Tunable Building Blocks. <i>Macromolecules</i> , 2019, 52, 7042-7051.	2.2	15
1400	Linear and Branched Fiber-like Micelles from the Crystallization-Driven Self-Assembly of Heterobimetallic Block Copolymer Polyelectrolyte/Surfactant Complexes. <i>Macromolecules</i> , 2019, 52, 7289-7300.	2.2	17
1401	The influence of directed hydrogen bonds on the self-assembly of amphiphilic polymers in water. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 488-497.	5.0	14
1402	Multigeometry Nanoparticles from the Orthogonal Self-Assembly of Block Alternating Copolymers via Simulation. <i>Journal of Physical Chemistry B</i> , 2019, 123, 8333-8340.	1.2	11
1403	Quantification of energy of activation to supramolecular nanofibre formation reveals enthalpic and entropic effects and morphological consequence. <i>Chemical Science</i> , 2019, 10, 10256-10266.	3.7	12
1404	Synthesis of Poly(3-vinylpyridine)-Block-Polystyrene Diblock Copolymers via Surfactant-Free RAFT Emulsion Polymerization. <i>Materials</i> , 2019, 12, 3145.	1.3	18
1405	Polymerization-Induced Self-Assembly via RAFT-Mediated Emulsion Polymerization of Methacrylic Monomers. <i>Macromolecules</i> , 2019, 52, 7468-7476.	2.2	67
1406	Mixed morphology in low molar mass fluorinated block copolymers. <i>Polymer</i> , 2019, 179, 121657.	1.8	2
1407	Ordered Surface Nanostructures Self-Assembled from Rod-Coil Block Copolymers on Microspheres. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6375-6381.	2.1	16
1408	Super-Resolution Visualization of Self-Assembling Helical Fibers Using Aggregation-Induced Emission Luminogens in Stimulated Emission Depletion Nanoscopy. <i>ACS Nano</i> , 2019, 13, 11863-11873.	7.3	45
1409	Transferable coarse-grained MARTINI model for methacrylate-based copolymers. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 186-198.	1.7	13
1410	Dynamics of amphiphilic block copolymers in an aqueous solution: direct imaging of micelle formation and nanoparticle encapsulation. <i>Nanoscale</i> , 2019, 11, 2299-2305.	2.8	40
1411	Polymerization induced self-assembly: an opportunity toward the self-assembly of polysaccharide-containing copolymers into high-order morphologies. <i>Polymer Chemistry</i> , 2019, 10, 45-53.	1.9	67

#	ARTICLE	IF	CITATIONS
1412	Antimicrobial polylysine decorated nano-structures prepared through polymerization induced self-assembly (PISA). <i>Polymer Chemistry</i> , 2019, 10, 336-344.	1.9	46
1413	Nanobowls with controlled openings and interior holes driven by the synergy of hydrogen bonding and $\pi$ - $\pi$ interaction. <i>Chemical Science</i> , 2019, 10, 657-664.	3.7	65
1414	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , 2019, 10, 2280-2284.	3.7	38
1415	Interfacial crosslinking of self-assembled triblock copolymer nanoparticles via alkoxy silane hydrolysis and condensation. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1897-1907.	2.5	6
1416	Endosomolytic polymersomes increase the activity of cyclic dinucleotide STING agonists to enhance cancer immunotherapy. <i>Nature Nanotechnology</i> , 2019, 14, 269-278.	15.6	406
1417	Nanoparticle heterogeneity: an emerging structural parameter influencing particle fate in biological media?. <i>Nanoscale</i> , 2019, 11, 383-406.	2.8	83
1418	Aqueous one-pot synthesis of epoxy-functional diblock copolymer worms from a single monomer: new anisotropic scaffolds for potential charge storage applications. <i>Polymer Chemistry</i> , 2019, 10, 194-200.	1.9	35
1419	Block co-polyMOFs: morphology control of polymer-MOF hybrid materials. <i>Chemical Science</i> , 2019, 10, 1746-1753.	3.7	68
1420	Synthesis of Functional Polyacetylenes via Cyclopolymerization of Diyne Monomers with Grubbs-type Catalysts. <i>Accounts of Chemical Research</i> , 2019, 52, 994-1005.	7.6	57
1421	pH- and Reductant-Responsive Polymeric Vesicles with Robust Membrane-Cross-Linked Structures: In Situ Cross-Linking in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2019, 52, 1140-1149.	2.2	75
1422	Electrospun Nanofibers for Drug Delivery. , 2019, , 735-764.		5
1423	Preparation and self-assembly of polyferrocenyldimethylsilane-containing tri- and pentablock terpolymers. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 80-89.	0.8	4
1424	Rod-Shaped Micelles Based on PHF-g-(PCL-PEG) with pH-Triggered Doxorubicin Release and Enhanced Cellular Uptake. <i>Biomacromolecules</i> , 2019, 20, 1167-1177.	2.6	31
1425	Polydimethylsiloxane-Based Giant Glycosylated Polymersomes with Tunable Bacterial Affinity. <i>Biomacromolecules</i> , 2019, 20, 1297-1307.	2.6	14
1426	Photoinitiated Polymerization-Induced Self-Assembly via Visible Light-Induced RAFT-Mediated Emulsion Polymerization. <i>ACS Macro Letters</i> , 2019, 8, 205-212.	2.3	84
1427	Directed Self-Assembly of Templatable Block Copolymers by Easily Accessible Magnetic Control. <i>Small</i> , 2019, 15, e1804572.	5.2	20
1428	Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. <i>Macromolecules</i> , 2019, 52, 992-1003.	2.2	13
1429	Synthesis of block copolymer nano-assemblies via ICAR ATRP and RAFT dispersion polymerization: how ATRP and RAFT lead to differences. <i>Polymer Chemistry</i> , 2019, 10, 1150-1157.	1.9	26

#	ARTICLE	IF	CITATIONS
1430	Solvent-Induced Self-Assembly Strategy to Synthesize Well-Defined Hierarchically Porous Polymers. <i>Advanced Materials</i> , 2019, 31, e1806254.	11.1	79
1431	An Overview of Molecular Packing Mode in Two-Dimensional Organic Nanomaterials via Supramolecular Assembly. <i>Chinese Journal of Chemistry</i> , 2019, 37, 405-416.	2.6	8
1432	Controllable Self-Assembly of Amphiphilic Tadpole-Shaped Polymer Single-Chain Nanoparticles Prepared through Intrachain Photo-cross-linking. <i>Langmuir</i> , 2019, 35, 2619-2629.	1.6	18
1433	Counterion-Mediated Self-Assembly of Ion-Containing Block Copolymers on the Basis of the Hofmeister Series. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800554.	1.1	6
1434	Self-Assembled Helical and Twisted Nanostructures of a Preferred Handedness from Achiral $\pi$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Derivatives. <i>Langmuir</i> , 2019, 35, 3134-3142.	1.6	13
1435	Polymeric hole-shaped polyhedral aggregates: Preparation, characterization, and antibacterial adhesion properties. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 461-469.	5.0	5
1436	Poly(3-alkylthiophene)- <i>block</i> -poly(3-alkylselenophene)s: Conjugated Diblock Co-polymers with Atypical Self-Assembly Behavior. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7174-7183.	4.0	25
1437	Spatiotemporal control over the host-guest characteristics of a stimulus-triggerable trifunctional polymer assembly. <i>Polymer Chemistry</i> , 2019, 10, 1423-1430.	1.9	3
1438	Versatile preparation of vesicle from amphiphilic bottlebrush block copolymers. <i>Reactive and Functional Polymers</i> , 2019, 134, 166-173.	2.0	8
1439	Faceted polymersomes: a sphere-to-polyhedron shape transformation. <i>Chemical Science</i> , 2019, 10, 2725-2731.	3.7	29
1440	Depletion driven self-assembly of block copolymer solutions by homopolymers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2121-2127.	1.3	7
1441	Hierarchical Self-Assembly of Cholesterol-DNA Nanorods. <i>Bioconjugate Chemistry</i> , 2019, 30, 1845-1849.	1.8	21
1442	Tuning the membrane permeability of polymersome nanoreactors developed by aqueous emulsion polymerization-induced self-assembly. <i>Nanoscale</i> , 2019, 11, 12643-12654.	2.8	91
1443	Hierarchical Fractal Assemblies from Poly(ethylene oxide- <i>b</i> -lysine- <i>b</i> -leucine). <i>Biomacromolecules</i> , 2019, 20, 2557-2566.	2.6	10
1444	Overcoming Kinetic Trapping for Morphology Evolution during Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900202.	2.0	18
1445	Combining the power of heat and light: temperature-programmed photoinitiated RAFT dispersion polymerization to tune polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2019, 10, 3902-3911.	1.9	23
1446	Controllable synthesis of monodisperse nonspherical colloidal particles with cavity structures. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1645-1652.	2.5	4
1447	Self-Assembled Nanostructures of Peptide Amphiphiles: Charge Regulation by Size Regulation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17606-17615.	1.5	30



#	ARTICLE	IF	CITATIONS
1448	Micellization and Phase Separation in Aqueous Solutions of Thermosensitive Block Copolymer Poly( <i>N</i> -isopropylacrylamide)- <i>b</i> -poly( <i>N</i> -vinyl-2-pyrrolidone) upon Heating. <i>Macromolecules</i> , 2019, 52, 4812-4819.	2.2	10
1449	Self-assembly of giant bottlebrush block copolymer surfactants from luminescent organic electronic materials. <i>Soft Matter</i> , 2019, 15, 5421-5430.	1.2	12
1451	Polymersomes: Preparation and Characterization. <i>Methods in Molecular Biology</i> , 2019, 2000, 247-265.	0.4	12
1452	Amphiphilic Block-Random Copolymers: Self-Folding Behavior and Stabilizers in Emulsion Polymerization. <i>Macromolecules</i> , 2019, 52, 4510-4519.	2.2	20
1454	Competition and Cooperation among Different Attractive Forces in Solutions of Inorganic–Organic Hybrids Containing Macroionic Clusters. <i>Langmuir</i> , 2019, 35, 7603-7616.	1.6	12
1455	Bilayered membranes of Janus dendrimers with hybrid hydrogenated and fluorinated dendrons: microstructures and coassembly with lipids. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15400-15407.	1.3	7
1456	Hydration of diblock copolymer micelles: Effects of hydrophobicity and co-solvent. <i>Journal of Chemical Physics</i> , 2019, 150, 184908.	1.2	6
1457	Optical materials and metamaterials from nanostructured soft matter. <i>Nano Research</i> , 2019, 12, 2172-2183.	5.8	25
1458	Polymer cubosomes of block copolymers having cross-linkable soft hydrophobic blocks. <i>Polymer Chemistry</i> , 2019, 10, 3778-3785.	1.9	9
1459	Selective Synthesis of Discrete Mono-, Interlocked-, and Borromean Ring Ensembles Based on a $\pi$ -Electron-Deficient Ligand. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2712-2718.	1.7	18
1460	Low length dispersity fiber-like micelles from an ABA triblock copolymer with terminal crystallizable poly(ferrocenyldimethylsilane) segments via living crystallization-driven self-assembly. <i>Polymer Chemistry</i> , 2019, 10, 3973-3982.	1.9	6
1461	Reliable quantitative SERS analysis mediated by Ag nano coix seeds with internal standard molecule. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	5
1462	Self-Assembly of Multiblock Copolymers. <i>Israel Journal of Chemistry</i> , 2019, 59, 945-958.	1.0	31
1463	Confined, Templated, and Break-Through Crystallization Modes in Poly(3-dodecylthiophene)- <i>b</i> -poly(ethyl methacrylate) Block Copolymers. <i>Macromolecules</i> , 2019, 52, 4475-4482.	2.2	14
1464	Cationic micelle: A promising nanocarrier for gene delivery with high transfection efficiency. <i>Journal of Gene Medicine</i> , 2019, 21, e3101.	1.4	58
1465	Multiple morphologies of a poly(methyl methacrylate)- <i>b</i> -poly( <i>N,N</i> -dimethyl aminoethyl) Tj ETQq1 1 0.784314 <i>Polymer Science</i> , 2019, 136, 47972.	1.3	14
1466	Synthesis, self-assembly and drug release behaviors of a bottlebrush polymer-HCPT prodrug for tumor chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 278-284.	2.5	18
1467	Enzyme-Induced Kinetic Control of Peptide–Polymer Micelle Morphology. <i>ACS Macro Letters</i> , 2019, 8, 676-681.	2.3	22

#	ARTICLE	IF	CITATIONS
1468	Diameter of Carbon Nanotube-Directed Self-Assembly of Amphiphilic Block Copolymers. <i>Materials</i> , 2019, 12, 1606.	1.3	6
1469	Self-Assembly of Linear-Dendritic and Double Dendritic Block Copolymers: From Dendromicelles to Dendrimersomes. <i>Macromolecules</i> , 2019, 52, 3655-3667.	2.2	14
1470	Laterally Nanostructured Vesicles, Polygonal Sheets, and Anisotropically Patched Micelles from Solution-State Self-Assembly of Miktoarm Star Quaterpolymers: A Simulation Study. <i>Macromolecules</i> , 2019, 52, 3680-3688.	2.2	4
1471	Coarse-grained molecular modeling of the microphase structure of polyurea elastomer. <i>Polymer</i> , 2019, 176, 1-10.	1.8	22
1472	Advanced Polymer Designs for Direct Ink Write 3D Printing. <i>Chemistry - A European Journal</i> , 2019, 25, 10768-10781.	1.7	171
1473	Time-Resolved Analysis of the Structural Dynamics of Assembling Gold Nanoparticles. <i>ACS Nano</i> , 2019, 13, 6596-6604.	7.3	30
1474	Evidence of pre-micellar aggregates in aqueous solution of amphiphilic PDMS-PEO block copolymer. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 11983-11991.	1.3	34
1475	End Group Stability of Atom Transfer Radical Polymerization (ATRP)-Synthesized Poly(N-isopropylacrylamide): Perspectives for Diblock Copolymer Synthesis. <i>Polymers</i> , 2019, 11, 678.	2.0	18
1477	5 nm Ordered Structures Self-Assembled by C <sub>2</sub> -Symmetric Hybrids with Polyhedral Oligomeric Silsesquioxane and Hexa-peri-Hexabenzocoronene. <i>ChemPhysChem</i> , 2019, 20, 1759-1764.	1.0	0
1478	Microphase segregation and selective chain scission of poly(2-methyl-oxazoline)-block-polystyrene. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1349-1357.	2.5	5
1479	Polymersome nanoreactors with tumor pH-triggered selective membrane permeability for prodrug delivery, activation, and combined oxidation-chemotherapy. <i>Journal of Controlled Release</i> , 2019, 303, 209-222.	4.8	50
1480	Synthesis and solution behaviour of dual light- and temperature-responsive poly(triethylene) Tj ETQq1 1 0.784314 1.59 / Overlock 10 Tf	1.9	18
1481	Self-assembly of linear-hyperbranched hybrid block polymers: crystallization-driven or solvent-driven?. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	6
1482	One-dimensional growth kinetics for formation of cylindrical crystalline micelles of block copolymers. <i>Polymer Crystallization</i> , 2019, 2, 10047.	0.5	18
1483	Preparation of starch-graft-poly(methyl methacrylate) via SET-LRP at molecular level and its self-assembly. <i>Polymer</i> , 2019, 173, 11-19.	1.8	21
1484	Polymerization-induced self-assembly based on ATRP in supercritical carbon dioxide. <i>Polymer Chemistry</i> , 2019, 10, 2658-2665.	1.9	24
1485	Synthesis and self-assembly of a carborane-containing ABC triblock terpolymer: morphology control on a dual-stimuli responsive system. <i>Polymer Chemistry</i> , 2019, 10, 2774-2780.	1.9	16
1486	Glyco-Platelets with Controlled Morphologies via Crystallization-Driven Self-Assembly and Their Shape-Dependent Interplay with Macrophages. <i>ACS Macro Letters</i> , 2019, 8, 596-602.	2.3	63

#	ARTICLE	IF	CITATIONS
1487	pH-Responsive Micelles Assembled by Three-Armed Degradable Block Copolymers with a Cholic Acid Core for Drug Controlled-Release. <i>Polymers</i> , 2019, 11, 511.	2.0	25
1488	Crystallization and Phase Behavior in Block Copolymer Solution: An in Situ Small Angle X-ray Scattering Study. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 1162-1168.	2.0	4
1489	High flux membranes, based on self-assembled and H-bond linked triblock copolymer nanospheres. <i>Journal of Membrane Science</i> , 2019, 585, 10-18.	4.1	9
1490	Temperature and solvent isotope dependent hierarchical self-assembly of a heterografted block copolymer. <i>Chemical Communications</i> , 2019, 55, 5709-5712.	2.2	20
1491	Molecular dynamics simulation study of linear, bottlebrush, and star-like amphiphilic block polymer assembly in solution. <i>Soft Matter</i> , 2019, 15, 3987-3998.	1.2	46
1492	Blooming of Block Copolymer Micelles into Complex Nanostructures on a Surface. <i>Macromolecules</i> , 2019, 52, 3479-3485.	2.2	7
1493	Asymmetric polystyrene-poly lactide bottlebrush random copolymers: Synthesis, self-assembly and nanoporous structures. <i>Polymer</i> , 2019, 175, 49-56.	1.8	12
1494	Morphology Phase Diagram of Slot-Die Printed TiO <sub>2</sub> Films Based on Sol-Gel Synthesis. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900558.	1.9	12
1495	Nanoporous Carbons with Tuned Porosity. <i>Green Energy and Technology</i> , 2019, , 91-135.	0.4	2
1496	Exploring Aqueous Solution Dynamics of an Amphiphilic Diblock Copolymer: Dielectric Relaxation and Time-Resolved Fluorescence Measurements. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5892-5901.	1.2	9
1497	Shaping block copolymer micelles by supramolecular polymerization: making "tubosomes"™. <i>Polymer Chemistry</i> , 2019, 10, 2616-2625.	1.9	16
1498	Dual CO <sub>2</sub> /temperature-responsive diblock copolymers confer controlled reversible emulsion behavior. <i>Polymer Chemistry</i> , 2019, 10, 2641-2646.	1.9	11
1499	Flow-induced synthesis of polystyrene-block-poly(ethylene glycol) vesicles on the interface of a laminated microflow. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 045003.	1.5	3
1500	Synthesis and Self-Assembly of Janus and Triblock Patchy Particles. <i>Frontiers of Nanoscience</i> , 2019, 13, 61-85.	0.3	4
1501	Insights into the Self-Assembly of a Heterocluster Janus Molecule into Colloidal Onions. <i>Langmuir</i> , 2019, 35, 6727-6734.	1.6	12
1502	Hydrophilic Polymers. <i>Polymers</i> , 2019, 11, 693.	2.0	21
1503	Evolution and Competition of Block Copolymer Nanoparticles. <i>SIAM Journal on Applied Mathematics</i> , 2019, 79, 28-54.	0.8	8
1504	Recent Developments in Molecular Spin Gyroid Research. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1068-1093.	2.0	17

#	ARTICLE	IF	CITATIONS
1505	Formation of disk-like micelles of triblock copolymers in frustrating solvents. <i>RSC Advances</i> , 2019, 9, 9443-9448.	1.7	6
1506	ABA-type triblock copolymer micellar system with lower critical solution temperature-type sol-gel transition. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 220-230.	5.0	13
1507	Tuning the Thermoresponsivity of Amphiphilic Copolymers via Stereocomplex Crystallization of Hydrophobic Blocks. <i>ACS Macro Letters</i> , 2019, 8, 357-362.	2.3	13
1508	Self-assembly and stimuli-responsive behaviours of side-chain liquid crystalline copolymers: a dissipative particle dynamics simulation approach. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7645-7653.	1.3	13
1509	New liquid crystal polycarbonate micelles for intracellular delivery of anticancer drugs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 395-403.	2.5	9
1510	Electrohydrodynamic Mixing-Mediated Nanoprecipitation for Polymer Nanoparticle Synthesis. <i>ACS Applied Polymer Materials</i> , 2019, 1, 691-700.	2.0	17
1511	Flow mediated metal-free PET-RAFT polymerisation for upscaled and consistent polymer production. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 1216-1228.	1.9	52
1512	Facile Synthesis of $C_x(AB)_yC_x$ Triblock Silicone Copolymers Utilizing Moisture Mediated Living-End Chain Extension. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800575.	1.1	12
1513	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. <i>ACS Nano</i> , 2019, 13, 3618-3628.	7.3	157
1514	Light-Switching Azo-Copolymers Self-Assembly in Multi-Stationary States. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900058.	2.0	6
1515	Influence of Morphology and Rheological Properties on the Mechanical and Dielectric Behavior of Block Copolymer Gels. <i>Macromolecular Symposia</i> , 2019, 383, 1800056.	0.4	5
1516	Smart Nanoparticles for Drug Delivery Application: Development of Versatile Nanocarrier Platforms in Biotechnology and Nanomedicine. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-26.	1.5	570
1517	Controlling the Spatial Distribution of Solubilized Compounds within Copolymer Micelles. <i>Langmuir</i> , 2019, 35, 4776-4786.	1.6	20
1518	Preparation and Characterization of Temperature-Sensitive Poly(Styrene- <i>b</i> -Butadiene- <i>b</i> -Styrene)/Poly(N-Isopropylacrylamide) Hydrogel Elastomer with Interpenetrating Polymeric Networks. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800783.	1.7	5
1519	Path-Dependent Preparation of Complex Micelle Packings of a Hydrated Diblock Oligomer. <i>ACS Central Science</i> , 2019, 5, 619-628.	5.3	44
1520	A comprehensive review of electrospinning block copolymers. <i>Soft Matter</i> , 2019, 15, 2490-2510.	1.2	52
1521	Amine-Containing Block Copolymers for the Bottom-Up Preparation of Functional Porous Membranes. <i>Macromolecules</i> , 2019, 52, 2631-2641.	2.2	20
1522	Scalable preparation of alternating block copolymer particles with inverse bicontinuous mesophases. <i>Nature Communications</i> , 2019, 10, 1397.	5.8	141

#	ARTICLE	IF	CITATIONS
1523	Emulsifier-free reversible addition-fragmentation chain transfer emulsion polymerization of alkyl acrylates mediated by symmetrical trithiocarbonates based on poly(acrylic acid). <i>Polymer International</i> , 2019, 68, 1303-1314.	1.6	5
1524	Teaching Polymer Theory through the Living Polymerization and Characterization of Poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlock 11 2019, 96, 895-904.	1.1	11
1525	Supramolecular nanocatalyst in water: successive click-driven assembly of click-derived rod amphiphiles. <i>Materials Chemistry Frontiers</i> , 2019, 3, 916-921.	3.2	0
1526	Associative properties of poly(ethylene glycol)-poly(vinyl acetate) comb-like graft copolymers in water. <i>Nanoscale</i> , 2019, 11, 6635-6643.	2.8	15
1527	Block copolymer microparticles comprising inverse bicontinuous phases prepared via polymerization-induced self-assembly. <i>Chemical Science</i> , 2019, 10, 4200-4208.	3.7	45
1528	Versatile Construction of Single-Tailed Giant Surfactants with Hydrophobic Poly( $\mu$ -caprolactone) Tail and Hydrophilic POSS Head. <i>Polymers</i> , 2019, 11, 311.	2.0	7
1529	Silica cubosomes templated by a star polymer. <i>RSC Advances</i> , 2019, 9, 6118-6124.	1.7	11
1530	Kinetics of Block Copolymer Micelles Formed in Solution. <i>Kobunshi Ronbunshu</i> , 2019, 76, 3-22.	0.2	2
1531	Interplay of Solvation and Size Effects Induced by the Counterions in Ionic Block Copolymers on the Basis of Hofmeister Series. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800508.	1.1	11
1532	Targeting triple-negative breast cancer cells using Dengue virus-mimicking pH-responsive framboidal triblock copolymer vesicles. <i>Chemical Science</i> , 2019, 10, 4811-4821.	3.7	36
1533	Highly-branched amphiphilic organometallic dendronized diblock copolymer: ROMP synthesis, self-assembly and long-term Au and Ag nanoparticle stabilizer for high-efficiency catalysis. <i>Polymer</i> , 2019, 173, 1-10.	1.8	35
1534	Synthesis and Characterization of Phosphorus- and Carborane-Containing Polyoxanorbornene Block Copolymers. <i>Polymers</i> , 2019, 11, 613.	2.0	8
1535	Solution self-assembly of ABC triblock terpolymers with a central crystallizable poly(ferrocenyldimethylsilane) core-forming segment. <i>Polymer Chemistry</i> , 2019, 10, 2559-2569.	1.9	7
1536	Self-Assembly of Single Chain Janus Nanoparticles with Tunable Liquid Crystalline Properties from Stilbene-Containing Block Copolymers. <i>Macromolecules</i> , 2019, 52, 2956-2964.	2.2	39
1537	Predicting Monomers for Use in Aqueous Ring-Opening Metathesis Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2019, 8, 466-472.	2.3	50
1538	Formation Mechanisms of Porous Particles from Self-Assembly of Amphiphilic Diblock Copolymers inside an Oil-in-Water Emulsion Droplet upon Solvent Evaporation. <i>Langmuir</i> , 2019, 35, 5902-5910.	1.6	9
1539	Self-Assembly of DNA-Containing Copolymers. <i>Bioconjugate Chemistry</i> , 2019, 30, 1880-1888.	1.8	29
1540	Manipulation and Deposition of Complex, Functional Block Copolymer Nanostructures Using Optical Tweezers. <i>ACS Nano</i> , 2019, 13, 3858-3866.	7.3	21

#	ARTICLE	IF	CITATIONS
1541	Topological defects in tubular network block copolymers. <i>Polymer</i> , 2019, 168, 44-52.	1.8	14
1542	Self-assembly of copper-free maltoheptaose-block-polystyrene nanostructured thin films in real and reciprocal space. <i>Carbohydrate Polymers</i> , 2019, 212, 222-228.	5.1	8
1543	Self-Assembly of Oligo- and Polypeptide-Based Amphiphiles: Recent Advances and Future Possibilities. <i>Macromolecules</i> , 2019, 52, 1899-1911.	2.2	26
1544	Multifunctional Block Copolymers for Simultaneous Solubilization of Poorly Water-Soluble Cholesterol and Hydroxyapatite Crystals. <i>Advanced Functional Materials</i> , 2019, 29, 1808331.	7.8	8
1545	De-symmetrizing periodically grafted amphiphilic copolymers: design, synthesis and generation of Janus folded chains. <i>Polymer Chemistry</i> , 2019, 10, 1730-1740.	1.9	12
1546	Nanophase morphology and crystallization in poly(vinylidene fluoride)/polydimethylsiloxane-block-poly(methyl methacrylate)-block-polystyrene blends. <i>Polymer International</i> , 2019, 68, 1064-1073.	1.6	5
1547	Polymerization-Induced Self-Assembly Generating Vesicles with Adjustable pH-Responsive Release Performance. <i>Macromolecules</i> , 2019, 52, 1965-1975.	2.2	60
1548	Liquid-liquid phase separation during amphiphilic self-assembly. <i>Nature Chemistry</i> , 2019, 11, 320-328.	6.6	185
1549	Effect of Temperature and Hydrophilic Ratio on the Structure of Poly( <i>N</i> -vinylcaprolactam)- <i>b</i> -poly(dimethylsiloxane)- <i>b</i> -poly( <i>N</i> -vinylcaprolactam) 2.0 Polymersomes. <i>ACS Applied Polymer Materials</i> , 2019, 1, 722-736.		15
1550	Preparation of photosensitive diazotized poly (vinyl alcohol- <i>b</i> -styrene) covalent capillary coatings for capillary electrophoresis separation of proteins. <i>Journal of Chromatography A</i> , 2019, 1593, 174-182.	1.8	12
1551	Amphiphilic multicomponent molecular brushes. <i>Russian Chemical Reviews</i> , 2019, 88, 1248-1290.	2.5	26
1552	Pore Engineering of 2D Mesoporous Nitrogen-Doped Carbon on Graphene through Block Copolymer Self-Assembly. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901476.	1.9	23
1553	Single-chain tethered nanoparticles with tunable softness: scalable synthesis and unique self-assembly behavior. <i>Polymer Chemistry</i> , 2019, 10, 6183-6190.	1.9	6
1554	PAA- <i>b</i> -PPO- <i>b</i> -PAA triblock copolymers with enhanced phase separation and inverse order-to-order phase transition upon increasing temperature. <i>Polymer</i> , 2019, 185, 121982.	1.8	7
1555	Theoretical prediction of morphological selection in amphiphilic systems. <i>Physical Review E</i> , 2019, 100, 062501.	0.8	1
1556	Effect of the molecular weight distribution of the hydrophobic block on the formation of inverse cubic mesophases of block copolymers with a discrete branched hydrophilic block. <i>Polymer Chemistry</i> , 2019, 10, 5805-5813.	1.9	12
1557	UV-induced vesicle to micelle transition: a mechanistic study. <i>Polymer Chemistry</i> , 2019, 10, 6037-6046.	1.9	6
1558	Polymersomes with aggregation-induced emission based on amphiphilic block copolypeptoids. <i>Chemical Communications</i> , 2019, 55, 13530-13533.	2.2	21

#	ARTICLE	IF	CITATIONS
1559	Solution self-assembly behavior of rod-alt-coil alternating copolymers via simulations. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25148-25157.	1.3	11
1560	Rapid template-free synthesis of nanostructured conducting polymer films by tuning their morphology using hyperbranched polymer additives. <i>Nanoscale</i> , 2019, 11, 20977-20986.	2.8	14
1561	Hydrogen-bonding regulated assembly of molecular and macromolecular amphiphiles. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2602-2616.	3.2	46
1562	Dual stimuli-responsive nano-structure transition of three-arm branched amphiphilic polymers containing ferrocene (Fc) and azobenzene (Azo) moieties in aqueous solution. <i>Soft Matter</i> , 2019, 15, 8855-8864.	1.2	7
1563	Curved block copolymer nanodiscs: structure transformations in cylindrical nanopores using the nonsolvent-assisted template wetting method. <i>Soft Matter</i> , 2019, 15, 8201-8209.	1.2	5
1564	Anisotropic polymer nanoparticles with controlled dimensions from the morphological transformation of isotropic seeds. <i>Nature Communications</i> , 2019, 10, 5406.	5.8	35
1565	Surface nanopatterning with polymer brushes. <i>Science</i> , 2019, 366, 1078-1079.	6.0	4
1566	Polymerization-Induced Polymersome Fusion. <i>Journal of the American Chemical Society</i> , 2019, 141, 20234-20248.	6.6	68
1567	Universal features of complex $n$ -block copolymers. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 505004.	0.7	0
1568	Mesoscopic theory for systems with competing interactions near a confining wall. <i>Physical Review E</i> , 2019, 100, 062607.	0.8	4
1569	Self-Assembly of Monolayer Vesicles via Backbone-Shiftable Synthesis of Janus Core-Shell Bottlebrush Polymer. <i>Macromolecules</i> , 2019, 52, 9484-9494.	2.2	27
1570	Self-Assembly in ultrahigh molecular weight sphere-forming diblock copolymer thin films under strong confinement. <i>Scientific Reports</i> , 2019, 9, 18269.	1.6	7
1571	Facial Amphiphilicity-Induced Self-Assembly (FAISA) of Amphiphilic Copolymers. <i>Macromolecules</i> , 2019, 52, 9526-9535.	2.2	15
1572	Synthesis and self-assembly of photoacid-containing block copolymers based on 1-naphthol. <i>Polymer Chemistry</i> , 2019, 10, 5602-5616.	1.9	8
1573	Temperature-controlled formation of inverse mesophases assembled from a rod-coil block copolymer. <i>Polymer Chemistry</i> , 2019, 10, 6031-6036.	1.9	12
1574	Micro-to-nanometer patterning of solution-based materials for electronics and optoelectronics. <i>RSC Advances</i> , 2019, 9, 38085-38104.	1.7	17
1575	Phase manipulation of topologically engineered AB-type multi-block copolymers. <i>RSC Advances</i> , 2019, 9, 42029-42042.	1.7	0
1576	Orthogonal functionalization of alternating polyesters: selective patterning of (AB) <sub>n</sub> sequences. <i>Chemical Science</i> , 2019, 10, 9974-9980.	3.7	44

#	ARTICLE	IF	CITATIONS
1577	Polymerization-Induced Self-Assembly under Compressed CO <sub>2</sub> : Control of Morphology Using a CO <sub>2</sub> -Responsive MacroRAFT Agent. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800335.	2.0	36
1578	Enzyme-Responsive Polymer Nanoparticles via Ring-Opening Metathesis Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800467.	2.0	36
1579	Synthesis of Light-Responsive Pyrene-Based Polymer Nanoparticles via Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800510.	2.0	38
1580	Crystal Forms and Microphase Structures of Poly(vinylidene fluoride-co-hexafluoropropylene) Physically and Chemically Incorporated with Ionic Liquids. <i>Macromolecules</i> , 2019, 52, 385-394.	2.2	13
1581	Tailored Self-Assembled Ferroelectric Polymer Nanostructures with Tunable Response. <i>Macromolecules</i> , 2019, 52, 354-364.	2.2	12
1582	Redox and pH responsive polymeric vesicles constructed from a water-soluble pillar[5]arene and a paraquat-containing block copolymer for rate-tunable controlled release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 202-214.	1.9	12
1583	Uniform Toroidal Micelles via the Solution Self-Assembly of Block Copolymer-Homopolymer Blends Using a Frustrated Crystallization Approach. <i>Macromolecules</i> , 2019, 52, 113-120.	2.2	25
1584	Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. <i>Macromolecules</i> , 2019, 52, 208-216.	2.2	17
1585	Self-Assembled Block Copolymer Electrolytes: Enabling Superior Ambient Cationic Conductivity and Electrochemical Stability. <i>Chemistry of Materials</i> , 2019, 31, 277-285.	3.2	33
1586	Hierarchical porous carbon spheres derived from larch sawdust via spray pyrolysis and soft-templating method for supercapacitors. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	12
1587	Integrated block copolymer prodrug nanoparticles for combination of tumor oxidative stress amplification and ROS-responsive drug release. <i>Biomaterials</i> , 2019, 195, 63-74.	5.7	151
1588	Polymer membranes as templates for bio-applications ranging from artificial cells to active surfaces. <i>European Polymer Journal</i> , 2019, 112, 346-364.	2.6	38
1589	Amphiphilic Glycopolypeptide Star Copolymer-Based Cross-Linked Nanocarriers for Targeted and Dual-Stimuli-Responsive Drug Delivery. <i>Bioconjugate Chemistry</i> , 2019, 30, 633-646.	1.8	41
1590	Amphiphilic Bottlebrush Block Copolymers: Analysis of Aqueous Self-Assembly by Small-Angle Neutron Scattering and Surface Tension Measurements. <i>Macromolecules</i> , 2019, 52, 465-476.	2.2	56
1591	Star Block Copolymer Nanoassemblies: Block Sequence is All-Important. <i>Macromolecules</i> , 2019, 52, 718-728.	2.2	39
1592	Development of Transferable Nonbonded Interactions between Coarse-Grained Hydrocarbon and Water Models. <i>Journal of Physical Chemistry B</i> , 2019, 123, 909-921.	1.2	12
1593	Length of the Stabilizing Zwitterionic Poly(2-methacryloyloxyethyl phosphorycholine) Block Influences the Activity of the Conjugated Arsenic Drug in Drug-Directed Polymerization-Induced Self-Assembly Particles. <i>ACS Macro Letters</i> , 2019, 8, 57-63.	2.3	17
1594	Polymeric Nanomaterials. , 2019, , 557-653.		22



#	ARTICLE	IF	CITATIONS
1595	Phase diagrams, mechanisms and unique characteristics of alternating-structured polymer self-assembly via simulations. <i>Science China Chemistry</i> , 2019, 62, 226-237.	4.2	32
1596	Click Chemistry in Macromolecular Design: Complex Architectures from Functional Polymers. <i>Chemistry Africa</i> , 2019, 2, 195-214.	1.2	32
1597	Highways for water molecules: Interplay between nanostructure and water vapor transport in block copolymer membranes. <i>Journal of Membrane Science</i> , 2019, 572, 641-649.	4.1	51
1598	Fluorescence Resonance Energy Transfer (FRET): A Powerful Tool for Probing Amphiphilic Polymer Aggregates and Supramolecular Polymers. <i>Journal of Physical Chemistry B</i> , 2019, 123, 327-342.	1.2	62
1599	Hydrogenâ€Bondingâ€Regulated Supramolecular Nanostructures and Impact on Multivalent Binding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1606-1611.	7.2	47
1600	Versatile PISA templates for tailored synthesis of nanoparticles. <i>European Polymer Journal</i> , 2019, 110, 49-55.	2.6	18
1601	Hydrogenâ€Bondingâ€Regulated Supramolecular Nanostructures and Impact on Multivalent Binding. <i>Angewandte Chemie</i> , 2019, 131, 1620-1625.	1.6	10
1602	Selfâ€Assembly of Amphiphilic Alternating Copolymers. <i>Chemistry - A European Journal</i> , 2019, 25, 4255-4264.	1.7	46
1603	Templated PISA: Driving Polymerizationâ€Induced Selfâ€Assembly towards Fibre Morphology. <i>Angewandte Chemie</i> , 2019, 131, 3205-3209.	1.6	30
1604	Templated PISA: Driving Polymerizationâ€Induced Selfâ€Assembly towards Fibre Morphology. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3173-3177.	7.2	89
1605	Selfâ€Assembly of Polymerâ€Coated Plasmonic Nanocrystals: From Synthetic Approaches to Practical Applications. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800613.	2.0	11
1606	Self-Assembly of a Midblock-Sulfonated Pentablock Copolymer in Mixed Organic Solvents: A Combined SAXS and SANS Analysis. <i>Langmuir</i> , 2019, 35, 1032-1039.	1.6	12
1607	Starburst Diblock Polyprodrugs: Reduction-Responsive Unimolecular Micelles with High Drug Loading and Robust Micellar Stability for Programmed Delivery of Anticancer Drugs. <i>Biomacromolecules</i> , 2019, 20, 1190-1202.	2.6	44
1608	Physical stimuli-responsive vesicles in drug delivery: Beyond liposomes and polymersomes. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 259-275.	6.6	146
1609	Optical Microscopic Techniques for Synthetic Polymer Characterization. <i>Analytical Chemistry</i> , 2019, 91, 405-424.	3.2	24
1610	PEG-b-poly (carbonate)-derived nanocarrier platform with pH-responsive properties for pancreatic cancer combination therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 126-135.	2.5	45
1611	Poly lactideâ€Based Amphiphilic Block Copolymers: Crystallizationâ€Induced Selfâ€Assembly and Stereocomplexation. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800639.	2.0	20
1612	Precise Self-Assembly and Controlled Catalysis of Thermo-responsive Coreâ€Satellite Multicomponent Hybrid Nanoparticles. <i>Langmuir</i> , 2019, 35, 266-275.	1.6	24

#	ARTICLE	IF	CITATIONS
1613	Role of High-Molecular-Weight Homopolymers on Block Copolymer Self-Assembly: From Morphology Modifier to Template. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800443.	1.1	2
1614	Aggregation behavior of double hydrophilic block copolymers in aqueous media. <i>Journal of Molecular Liquids</i> , 2019, 276, 47-56.	2.3	18
1615	Modification of glycidyl methacrylate based block copolymers and their aqueous solution behaviours. <i>European Polymer Journal</i> , 2019, 110, 364-377.	2.6	15
1616	Unraveling the Self-Assembly of Heterocluster Janus Dumbbells into Hybrid Cubosomes with Internal Double-Diamond Structure. <i>Journal of the American Chemical Society</i> , 2019, 141, 831-839.	6.6	44
1617	Smart Nanostructured Materials based on Self-Assembly of Block Copolymers. <i>Advanced Functional Materials</i> , 2020, 30, 1902049.	7.8	56
1618	Toward Cluster Materials with Ordered Structures via Self-Assembly of Heterocluster Janus Molecules. <i>Advanced Materials</i> , 2020, 32, e1805863.	11.1	30
1619	Self-crosslinking assemblies with tunable nanostructures from photoresponsive polypeptoid-based block copolymers. <i>Polymer Chemistry</i> , 2020, 11, 337-343.	1.9	19
1620	Alkenyl aromatic polymer microspheres via $\gamma$ -ray irradiation-assisted self-assembly after free-radical polymerization. <i>Radiation Physics and Chemistry</i> , 2020, 169, 107904.	1.4	1
1621	Ultrasound-responsive Homopolymer Nanoparticles. <i>Chinese Journal of Polymer Science (English)</i> 2020, 32, 1079-1085.	2.0	29
1622	Supramolecular polymer chemistry: From structural control to functional assembly. <i>Progress in Polymer Science</i> , 2020, 100, 101167.	11.8	135
1623	Block copolymer vesicles via liquid/liquid interface-mediated self-assembly. <i>Applied Surface Science</i> , 2020, 499, 143896.	3.1	5
1624	Synthesis and properties of penta-responsive ABC star quaterpolymers. <i>Polymer Journal</i> , 2020, 52, 153-163.	1.3	5
1625	NUSAP1 knockdown inhibits cell growth and metastasis of non-small-cell lung cancer through regulating BTG2/PI3K/Akt signaling. <i>Journal of Cellular Physiology</i> , 2020, 235, 3886-3893.	2.0	37
1626	RAFT-Vermittelte polymerisationsinduzierte Selbstorganisation (PISA). <i>Angewandte Chemie</i> , 2020, 132, 8444-8470.	1.6	45
1627	RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8368-8392.	7.2	374
1628	Mechanical properties and fracture behavior of high-performance epoxy nanocomposites modified with block polymer and core-shell rubber particles. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48471.	1.3	27
1629	Polymer blend compatibilization by the addition of block copolymers. , 2020, , 57-102.		9
1630	Mechanistic study of the formation of fiber-like micelles with a $\beta$ -conjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 50-58.	5.0	11

#	ARTICLE	IF	CITATIONS
1631	The effect of poly(alkyl (meth)acrylate) segments on the thermodynamic properties, morphology and gas permeation properties of poly(alkyl (meth)acrylate)-b-poly(dimethyl siloxane) triblock copolymer membranes. <i>Journal of Membrane Science</i> , 2020, 594, 117400.	4.1	8
1632	Influence of block sequence on the colloidal self-assembly of poly(norbornene)- <i>b</i> -poly(ethylene oxide) amphiphilic block polymers using rapid injection processing. <i>Polymer Chemistry</i> , 2020, 11, 375-384.	1.9	9
1633	Polymerization-induced self-assembly of metallo-polyelectrolyte block copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 77-83.	2.0	12
1634	Gas-Constructed Vesicles with Gas-Moldable Membrane Architectures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15104-15108.	7.2	10
1635	Gas-Constructed Vesicles with Gas-Moldable Membrane Architectures. <i>Angewandte Chemie</i> , 2020, 132, 15216-15220.	1.6	0
1636	Synthesis of pH-responsive block copolymer micelles via RAFT polymerization induced self-assembly and its application in emulsifier-free emulsion polymerization. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 131-141.	0.8	1
1637	Role of particle shape on efficient and organ-based drug delivery. <i>European Polymer Journal</i> , 2020, 122, 109353.	2.6	36
1638	On the origin and regulation of ultrasound responsiveness of block copolymer nanoparticles. <i>Science China Chemistry</i> , 2020, 63, 272-281.	4.2	24
1639	Block copolymer prodrugs: Synthesis, self-assembly, and applications for cancer therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1585.	3.3	34
1640	Bola-amphiphile-imidazole embedded GO membrane with enhanced solvent dehydration properties. <i>Journal of Membrane Science</i> , 2020, 595, 117545.	4.1	20
1641	Polymer Cubosomes: Infinite Cubic Mazes and Possibilities. <i>Accounts of Chemical Research</i> , 2020, 53, 620-631.	7.6	53
1642	Controlled radical polymerization in dispersed systems for biological applications. <i>Progress in Polymer Science</i> , 2020, 102, 101209.	11.8	72
1643	Strain-Dependent Nanowrinkle Confinement of Block Copolymers. <i>Nano Letters</i> , 2020, 20, 1433-1439.	4.5	6
1644	Synthesis and complex self-assembly of amphiphilic block copolymers with a branched hydrophobic poly(2-oxazoline) into multicompart ment micelles, pseudo-vesicles and yolk/shell nanoparticles. <i>Polymer Chemistry</i> , 2020, 11, 1237-1248.	1.9	38
1645	Inky flower-like supermicelles assembled from $\pi$ -conjugated block copolymers. <i>Polymer Chemistry</i> , 2020, 11, 61-67.	1.9	7
1646	Small molecule-mediated self-assembly behaviors of Pluronic block copolymers in aqueous solution: impact of hydrogen bonding on the morphological transition of Pluronic micelles. <i>Soft Matter</i> , 2020, 16, 142-151.	1.2	20
1647	Superparamagnetic nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 354-367.	2.9	135
1648	Morphology and Wetting Stability of Nanofilms of ABC Miktoarm Star Terpolymers. <i>Macromolecules</i> , 2020, 53, 594-601.	2.2	10

#	ARTICLE	IF	CITATIONS
1649	Hierarchical self-assembly of a PS- <i>b</i> -P4VP/PS- <i>b</i> -PNIPAM mixture into multicompart ment micelles and their response to two-dimensional confinement. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1194-1203.	1.3	10
1650	Determining order-to-disorder transitions in block copolymer thin films using a self-referencing fluorescent probe. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 330-338.	1.7	6
1651	Functionalization-induced self-assembly under ambient conditions via thiol-epoxide "click" chemistry. <i>Polymer Chemistry</i> , 2020, 11, 298-303.	1.9	15
1652	Real-time near-infrared fluorescence reporting the azoreductase-triggered drug release. <i>Polymer Chemistry</i> , 2020, 11, 734-743.	1.9	12
1653	Disulfide chemistry in responsive aggregation of amphiphilic systems. <i>Soft Matter</i> , 2020, 16, 11-26.	1.2	32
1654	Harnessed Dopant Block Copolymers Assist Decorating Membrane Pores: A Dissipative Particle Dynamics Study. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900561.	2.0	7
1655	Tailoring the pore size and permeability of isoporous membranes through blending with poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 T 598, 117755.	4.1	23
1656	What Determines the Formation of Block Copolymer Nanotubes?. <i>Macromolecules</i> , 2020, 53, 367-373.	2.2	39
1657	Investigating Polymer Transformation during the Encapsulation of Metal Nanoparticles by Polystyrene- <i>b</i> -poly(acrylic acid) in Colloids. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 3969-3975.	4.0	8
1658	Polymer-guided assembly of inorganic nanoparticles. <i>Chemical Society Reviews</i> , 2020, 49, 465-508.	18.7	196
1659	Reactive Precursor Particles as Synthetic Platform for the Generation of Functional Nanoparticles, Nanogels, and Microgels. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901676.	1.9	27
1660	Preparation of ABA triblock copolymer assemblies through "one-pot" RAFT PISA. <i>Chinese Chemical Letters</i> , 2020, 31, 1660-1664.	4.8	11
1661	Synthesis of copolymer via hybrid polymerization: From random to well-defined sequence. <i>European Polymer Journal</i> , 2020, 122, 109374.	2.6	9
1662	Controlling the Periodically Ordered Nanostructures in Ceramics: A Macromolecul e "Guided Strategy. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900534.	2.0	5
1663	Supramolecular cyclization of semiflexible cylindrical micelles assembled from rod-coil graft copolymers. <i>Nanoscale</i> , 2020, 12, 296-305.	2.8	9
1664	Supramolecularly cross-linked amphiphilic block copolymer assembly by the dipolar interaction of a merocyanine dye. <i>Polymer Chemistry</i> , 2020, 11, 695-703.	1.9	14
1665	Synthesis and direct assembly of linear "dendritic copolymers <i>via</i> CuAAC click polymerization-induced self-assembly (CPISA). <i>Polymer Chemistry</i> , 2020, 11, 936-943.	1.9	21
1666	Uptake and subcellular distribution of radiolabeled polymersomes for radiotherapy. <i>Nanotheranostics</i> , 2020, 4, 14-25.	2.7	15

#	ARTICLE	IF	CITATIONS
1667	Drug Delivery Systems Based on Poly(2-oxazoline)s and Poly(2-oxazine)s. <i>Advanced Therapeutics</i> , 2020, 3, 1900168.	1.6	78
1668	Concepts, fabrication methods and applications of living crystallization-driven self-assembly of block copolymers. <i>Progress in Polymer Science</i> , 2020, 101, 101195.	11.8	116
1669	Architecture-Dependent Interplay between Self-Assembly and Crystallization in Discrete Block Co-Oligomers. <i>ACS Macro Letters</i> , 2020, 9, 38-42.	2.3	11
1670	Self-assembly of AIEgens. <i>Coordination Chemistry Reviews</i> , 2020, 406, 213142.	9.5	109
1671	Light-, temperature-, and pH-responsive micellar assemblies of spiropyran-initiated amphiphilic block copolymers: Kinetics of photochromism, responsiveness, and smart drug delivery. <i>Materials Science and Engineering C</i> , 2020, 109, 110524.	3.8	77
1672	Self-Assemblies of Thermoresponsive Poly( <i>N</i> -vinylcaprolactam) Polymers for Applications in Biomedical Field. <i>ACS Applied Polymer Materials</i> , 2020, 2, 26-39.	2.0	43
1673	Light- and temperature-responsive micellar carriers prepared by spiropyran-initiated atom transfer polymerization: Investigation of photochromism kinetics, responsivities, and controlled release of doxorubicin. <i>Polymer</i> , 2020, 187, 122046.	1.8	72
1674	Large-scale patterning of $\pi$ -conjugated materials by meniscus guided coating methods. <i>Advances in Colloid and Interface Science</i> , 2020, 275, 102080.	7.0	21
1675	Synthesis and phase behavior of double sensitive linear amphiphilic prepolymers before gelation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 310-318.	1.2	3
1676	Ionic Diffusion, Nanoparticle Formation and Trapping Within Sol-Gel Made Pillared Planar Nanochannels in a Simple Microfluidic Device. <i>ChemNanoMat</i> , 2020, 6, 392-403.	1.5	0
1677	A Simple Route to Hierarchical Rings of Diblock Copolymer Micelles. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900525.	2.0	2
1678	Evidence of Structural Inhomogeneities in Hard-Soft Dimeric Particles without Attractive Interactions. <i>Materials</i> , 2020, 13, 84.	1.3	2
1679	Liquid Crystalline Nanowires by Polymerization Induced Hierarchical Self-Assembly. <i>Macromolecules</i> , 2020, 53, 465-472.	2.2	41
1680	Evaluation of Self-Assembly Pathways to Control Crystallization-Driven Self-Assembly of a Semicrystalline P(VDF-co-HFP)- <i>b</i> -PEG- <i>b</i> -P(VDF-co-HFP) Triblock Copolymer. <i>Molecules</i> , 2020, 25, 4033.	1.7	6
1681	Recent Advances in the Synthesis and Application of Polymer Compartments for Catalysis. <i>Polymers</i> , 2020, 12, 2190.	2.0	26
1682	Two Polymersome Evolution Pathways in One Polymerization-Induced Self-Assembly (PISA) System. <i>Macromolecules</i> , 2020, 53, 8982-8991.	2.2	53
1683	One-Pot Synthesis of Oxygenated Block Copolymers by Polymerization of Epoxides and Lactide Using Cationic Indium Complexes. <i>Macromolecules</i> , 2020, 53, 8819-8828.	2.2	14
1684	Hierarchically Porous Carbon Materials from Self-Assembled Block Copolymer/Dopamine Mixtures. <i>Langmuir</i> , 2020, 36, 11754-11764.	1.6	7

#	ARTICLE	IF	CITATIONS
1685	Hierarchical Self-Assembly of Poly( $\alpha$ -D-glucose carbonate) Amphiphilic Block Copolymers in Mixed Solvents. <i>Macromolecules</i> , 2020, 53, 8581-8591.	2.2	17
1686	Homopolymer self-assembly of poly(propylene sulfone) hydrogels via dynamic noncovalent sulfone-sulfone bonding. <i>Nature Communications</i> , 2020, 11, 4896.	5.8	21
1687	Polymersomes with singlet oxygen-labile poly( $\beta$ -aminoacrylate) membrane for NIR light-controlled combined chemo-phototherapy. <i>Journal of Controlled Release</i> , 2020, 327, 627-640.	4.8	23
1688	Nanocarrier centered therapeutic approaches: Recent developments with insight towards the future in the management of lung cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102070.	1.4	12
1689	Polystyrene-block-poly(ethylene oxide) Thin Films Fabricated from a Solvent Mixture for the Co-Assembly of Polymers and Proteins. <i>ACS Omega</i> , 2020, 5, 26365-26373.	1.6	4
1690	Ordered Bicontinuous Mesoporous Polymeric Semiconductor Photocatalyst. <i>ACS Nano</i> , 2020, 14, 13652-13662.	7.3	45
1691	Functional materials and devices by self-assembly. <i>MRS Bulletin</i> , 2020, 45, 799-806.	1.7	27
1692	Membrane-cross-linked polymersomes with tumor pH-tunable selective permeability as intelligent nanoreactors and drug delivery vehicles. <i>European Polymer Journal</i> , 2020, 138, 109982.	2.6	6
1693	Lapatinib-loaded acidity-triggered charge switchable polycarbonate-doxorubicin conjugate micelles for synergistic breast cancer chemotherapy. <i>Acta Biomaterialia</i> , 2020, 118, 182-195.	4.1	24
1694	DNA-Amphiphiles: A Unique Building Block for the Crafting of DNA-Decorated Unilamellar Nanostructures. <i>Accounts of Chemical Research</i> , 2020, 53, 2668-2679.	7.6	29
1695	Synthesis and Aqueous Self-Assembly of ABCD Bottlebrush Block Copolymers. <i>Macromolecules</i> , 2020, 53, 9018-9025.	2.2	18
1696	Time-gated fluorescence signalling under dissipative conditions. <i>Chemical Communications</i> , 2020, 56, 13979-13982.	2.2	12
1697	Reversible-deactivation radical polymerization (Controlled/living radical polymerization): From discovery to materials design and applications. <i>Progress in Polymer Science</i> , 2020, 111, 101311.	11.8	555
1698	Angular-Independent Photonic Pigments via the Controlled Micellization of Amphiphilic Bottlebrush Block Copolymers. <i>Advanced Materials</i> , 2020, 32, e2002681.	11.1	73
1699	Reconfiguring DNA Nanotube Architectures via Selective Regulation of Terminating Structures. <i>ACS Nano</i> , 2020, 14, 13451-13462.	7.3	14
1700	Evaluation of the effects of nanoprecipitation process parameters on the size and morphology of poly(ethylene oxide)-block-polycaprolactone nanostructures. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119900.	2.6	7
1701	Amphiphilic mannose-6-phosphate glycopolyptide-based bioactive and responsive self-assembled nanostructures for controlled and targeted lysosomal cargo delivery. <i>Biomaterials Science</i> , 2020, 8, 6322-6336.	2.6	12
1702	Key Factor Study for Amphiphilic Block Copolymer-templated Mesoporous SnO <sub>2</sub> Thin Film Synthesis: Influence of Solvent and Catalyst. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001002.	1.9	9

#	ARTICLE	IF	CITATIONS
1703	The Origins of Toroidal Micelles from a Liquidâ€“Crystalline Triblock Copolymer â€. Chinese Journal of Chemistry, 2020, 38, 1709-1717.	2.6	8
1704	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. Macromolecules, 2020, 53, 6576-6588.	2.2	11
1705	Alternating Ring-Opening Metathesis Polymerization Provides Easy Access to Functional and Fully Degradable Polymers. Macromolecules, 2020, 53, 5857-5868.	2.2	27
1706	Target grafting of poly(2â€“(dimethylamino)ethyl methacrylate) to biodegradable block copolymers. Journal of Polymer Science, 2020, 58, 2168-2180.	2.0	10
1707	Design principles, synthesis and biomedical applications of polymer vesicles with inhomogeneous membranes. Journal of Controlled Release, 2020, 326, 365-386.	4.8	37
1708	Self-assembly and in vitro drug release behaviors of amphiphilic copolymers based on functionalized aliphatic liquid crystalline polycarbonate with pH/temperature dual response. Journal of Molecular Liquids, 2020, 316, 113837.	2.3	9
1709	Perforated Vesicles of ABA Triblock Copolymers with ON/OFF-Switchable Nanopores. Macromolecules, 2020, 53, 10582-10590.	2.2	8
1710	Designing the Morphology of Separated Phases in Multicomponent Liquid Mixtures. Physical Review Letters, 2020, 125, 218003.	2.9	33
1711	Quantify the contribution of chain length heterogeneity on block copolymer self-assembly. Giant, 2020, 4, 100037.	2.5	31
1712	Characterizing and Controlling Nanoscale Self-Assembly of Suckerin-12. ACS Synthetic Biology, 2020, 9, 3388-3399.	1.9	10
1713	Phase separation of the Cep63â€“Cep152 complex underlies the formation of dynamic supramolecular self-assemblies at human centrosomes. Cell Cycle, 2020, 19, 3437-3457.	1.3	12
1714	Recent progress in responsive photonic crystals of block copolymers. Journal of Materials Chemistry C, 2020, 8, 16633-16647.	2.7	39
1715	Progress and perspective on polymer templating of multifunctional oxide nanostructures. Journal of Applied Physics, 2020, 128, 190903.	1.1	7
1716	Recent advances in conjugated polythiophene-based rodâ€“rod block copolymers: From morphology control to optoelectronic applications. Giant, 2020, 4, 100039.	2.5	25
1717	Biocompatible Anisotropic Polymeric Particles: Synthesis, Characterization, and Biomedical Applications. ACS Applied Bio Materials, 2020, 3, 8241-8270.	2.3	39
1718	Hierarchical supramolecular assembly of a single peptoid polymer into a planar nanobrush with two distinct molecular packing motifs. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31639-31647.	3.3	38
1719	Synthesis methods of organic twoâ€“dimensional materials. Journal of Polymer Science, 2020, 58, 3387-3401.	2.0	7
1720	Crescent-Shaped Supramolecular Tetrapeptide Nanostructures. Journal of the American Chemical Society, 2020, 142, 20058-20065.	6.6	33

#	ARTICLE	IF	CITATIONS
1721	Self-Assembly of Au Nanoclusters into Helical Ribbons by Manipulating the Flexibility of Capping Ligands. <i>Langmuir</i> , 2020, 36, 14614-14622.	1.6	6
1722	Structural Characterization of Biomaterials by Means of Small Angle X-rays and Neutron Scattering (SAXS and SANS), and Light Scattering Experiments. <i>Molecules</i> , 2020, 25, 5624.	1.7	41
1723	Complementary Nucleobase Interactions Drive the Hierarchical Self-Assembly of Core-Shell Bottlebrush Block Copolymers toward Cylindrical Supramolecules. <i>Macromolecules</i> , 2020, 53, 9747-9757.	2.2	21
1724	Block Copolymers Composed of Main-Chain Cyclic Polymers: Morphology Transition and Covalent Stabilization of Self-Assembled Nanostructures via Intra- and Interchain Cyclization of Styrene-co-isoprene Blocks. <i>Macromolecules</i> , 2020, 53, 10725-10733.	2.2	2
1725	Conductive Thin Films over Large Areas by Supramolecular Self-Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 54020-54025.	4.0	2
1726	Enabling future nanomanufacturing through block copolymer self-assembly: A review. <i>Nano Today</i> , 2020, 35, 100936.	6.2	134
1727	Synthesis of a Cylindrical Micelle from Hydrophilic Polymers Connected with a Single Supramolecular Structure-Directing Unit. <i>Macromolecules</i> , 2020, 53, 7044-7052.	2.2	9
1728	Tuning Solvent Quality Induces Morphological Phase Transitions in Miktoarm Star Polymer Films. <i>Macromolecules</i> , 2020, 53, 6151-6162.	2.2	6
1729	Degradable and cationic long-subchain hyperbranched block copolymers with well-defined block subchain: Synthesis, characterization and degradation. <i>European Polymer Journal</i> , 2020, 136, 109907.	2.6	0
1730	In the Limelight: 2D and 3D Materials via Photo-Controlled Radical Polymerization. <i>Trends in Chemistry</i> , 2020, 2, 689-706.	4.4	27
1731	Solution Self-Assembly of Chalcogen-Bonding Polymer Partners. <i>ACS Macro Letters</i> , 2020, 9, 1102-1107.	2.3	22
1732	Rapid formation and real-time observation of micron-sized conjugated nanofibers with tunable lengths and widths in 20 minutes by living crystallization-driven self-assembly. <i>Chemical Science</i> , 2020, 11, 8416-8424.	3.7	32
1733	Amphipathic Janus Membrane with Hierarchical Multiscale Hyperporous Structure for Interfacial Catalysis. <i>Membranes</i> , 2020, 10, 162.	1.4	3
1734	Seeded Self-Assembly of Charge-Terminated Poly(3-hexylthiophene) Amphiphiles Based on the Energy Landscape. <i>Journal of the American Chemical Society</i> , 2020, 142, 15038-15048.	6.6	59
1735	Nanostructured mesoporous gold biosensor for microRNA detection at attomolar level. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112429.	5.3	48
1736	Self-Assembling PCL-PAMAM Linear Dendritic Block Copolymers (LDBC)s for Bioimaging and Phototherapeutic Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 5664-5677.	2.3	21
1737	Responsive polymeric Janus cage. <i>Chemical Communications</i> , 2020, 56, 10497-10500.	2.2	12
1738	Onion Micelles with an Interpolyelectrolyte Complex Middle Layer: Experimental Motivation and Computer Study. <i>Macromolecules</i> , 2020, 53, 6780-6795.	2.2	8



#	ARTICLE	IF	CITATIONS
1739	Tailoring the droplet size of Pickering emulsions by PISA synthesized polymeric nanoparticles. <i>Polymer</i> , 2020, 206, 122853.	1.8	25
1740	Mono-telechelic polymers by catalytic living ring-opening metathesis polymerization with second-generation Hoveyda's Grubbs catalyst. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2791-2796.	3.2	7
1741	Solvent Effects on the Synthesis of Polymeric Nanoparticles via Block Copolymer Self-Assembly Using Microporous Membranes. <i>Materials Science Forum</i> , 0, 1000, 324-330.	0.3	1
1742	De Novo Design of Covalent Organic Framework Membranes toward Ultrafast Anion Transport. <i>Advanced Materials</i> , 2020, 32, e2001284.	11.1	130
1743	Influence of surfactant's polar head group charge on the self-assembly of three PEO-b-PPO-b-PEO triblock copolymers of widely varying hydrophobicity. <i>Journal of Molecular Liquids</i> , 2020, 316, 113858.	2.3	12
1744	Optical Forces: From Fundamental to Biological Applications. <i>Advanced Materials</i> , 2020, 32, e2001994.	11.1	107
1745	Synthesis and characterization of novel amphiphilic tamarind seed xyloglucan-octenyl succinic anhydride conjugate. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	6
1746	Tailoring Azlactone-Based Block Copolymers for Stimuli-Responsive Disassembly of Nanocarriers. <i>Langmuir</i> , 2020, 36, 10200-10209.	1.6	5
1747	The physics of active polymers and filaments. <i>Journal of Chemical Physics</i> , 2020, 153, 040901.	1.2	86
1748	Preparation of Responsive Zwitterionic Diblock Copolymers Containing Phosphate and Phosphonate Groups. <i>Macromolecular Research</i> , 2020, 28, 1134-1141.	1.0	4
1749	Synthetic advances of internally nanostructured polymer particles: From and beyond block copolymer. <i>Nano Select</i> , 2020, 1, 639-658.	1.9	6
1750	Formation of Perpendicularly Aligned Sub-10 nm Nanocylinders in Poly( <i>N</i> -dodecylacrylamide- <i>b</i> -ethylene glycol) Block Copolymer Films by Hierarchical Phase Separation. <i>Macromolecules</i> , 2020, 53, 9601-9610.	2.2	4
1751	Emerging trends in solution self-assembly of block copolymers. <i>Polymer</i> , 2020, 207, 122914.	1.8	54
1752	Observation of Double Gyroid and Hexagonally Perforated Lamellar Phases in ABCBA Pentablock Terpolymers. <i>Macromolecules</i> , 2020, 53, 9641-9653.	2.2	10
1753	Protein adsorption behavior in nanoscale phase-separated polymer coatings prepared using poly(2-methacryloyloxyethyl phosphorylcholine)-containing amphiphilic block copolymers. <i>European Polymer Journal</i> , 2020, 135, 109885.	2.6	7
1754	Self-assembly of amphiphilic poly(2-hydroxyethyl methacrylate)-containing block copolymers in the vicinity of cellulose fibres. <i>European Polymer Journal</i> , 2020, 141, 110059.	2.6	9
1755	2D Chiral Stripe Nanopatterns Self-Assembled from Rod-Coil Block Copolymers on Microstripes. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000349.	2.0	6
1756	Supramolecular Chirality in Azobenzene-Containing Polymer System: Traditional Postpolymerization Self-Assembly Versus In Situ Supramolecular Self-Assembly Strategy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6186.	1.8	23

#	ARTICLE	IF	CITATIONS
1757	Tuneable peptide cross-linked nanogels for enzyme-triggered protein delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8894-8907.	2.9	21
1758	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a $\pi$ -Conjugated Oligo( <i>p</i> -phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , 2020, 53, 8009-8019.	2.2	20
1759	Controlled fabrication of orchid-like nitrogen-doped hierarchical porous carbon and hollow carbon nanospheres. <i>Journal of Materials Science</i> , 2020, 55, 16143-16157.	1.7	7
1760	Hybridization of a Bimodal Distribution of Copolymer Micelles. <i>Macromolecules</i> , 2020, 53, 7705-7716.	2.2	11
1761	Fragmentation of Fiber-like Micelles with a $\pi$ -Conjugated Crystalline Oligo( <i>p</i> -phenylenevinylene) Core and a Photocleavable Corona in Water: A Matter of Density of Corona-Forming Chains. <i>Macromolecules</i> , 2020, 53, 8631-8641.	2.2	15
1762	Rational design of nonlinear crystalline-amorphous-responsive terpolymers for pH-guided fabrication of 3D nano-objects. <i>Polymer Chemistry</i> , 2020, 11, 6259-6272.	1.9	6
1763	Rational synthesis of epoxy-functional spheres, worms and vesicles by RAFT aqueous emulsion polymerisation of glycidyl methacrylate. <i>Polymer Chemistry</i> , 2020, 11, 6343-6355.	1.9	25
1764	Multivalent Assembly of Flexible Polymer Chains into Supramolecular Nanofibers. <i>Journal of the American Chemical Society</i> , 2020, 142, 16814-16824.	6.6	33
1765	Liquid phase transmission electron microscopy for imaging of nanoscale processes in solution. <i>MRS Bulletin</i> , 2020, 45, 704-712.	1.7	26
1766	Nanoparticle-Induced Self-Assembly of Block Copolymers into Nanoporous Films at the Air-Water Interface. <i>ACS Nano</i> , 2020, 14, 12203-12209.	7.3	20
1767	Multi-Stimuli-Triggered Shape Transformation of Polymeric Filaments Derived from Dynamic Covalent Block Copolymers. <i>Biomacromolecules</i> , 2020, 21, 4159-4168.	2.6	4
1768	Fabrication and crystallization behavior of hollow poly(L-lactic acid) nanofibers. <i>Polymer Crystallization</i> , 2020, 3, e10147.	0.5	2
1769	Recent development in halogen-bonding-catalyzed living radical polymerization. <i>Polymer Chemistry</i> , 2020, 11, 5559-5571.	1.9	51
1770	Miscibility-Controlled Phase Separation in Double-Cable Conjugated Polymers for Single-Component Organic Solar Cells with Efficiencies over 8%. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21683-21692.	7.2	82
1771	Emergence and Stability of Janus-Like Superstructures in an ABCA Linear Tetra-block Copolymer. <i>Macromolecules</i> , 2020, 53, 7380-7388.	2.2	15
1772	Unraveling Decisive Structural Parameters for the Self-Assembly of Supramolecular Polymer Bottlebrushes Based on Benzene Trisureas. <i>Macromolecules</i> , 2020, 53, 7552-7560.	2.2	10
1773	Programming Self-Assembly and Stimuli-Triggered Response of Hydrophilic Telechelic Polymers with Sequence-Encoded Hydrophobic Initiators. <i>Macromolecules</i> , 2020, 53, 7285-7297.	2.2	10
1774	Miscibility-Controlled Phase Separation in Double-Cable Conjugated Polymers for Single-Component Organic Solar Cells with Efficiencies over 8%. <i>Angewandte Chemie</i> , 2020, 132, 21867-21876.	1.6	18

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1775	Dot Nanopattern Self-Assembled from Rod-Coil Block Copolymer on Substrate. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000254.	1.1	4
1776	Pickering Emulsifiers Based on Block Copolymer Nanoparticles Prepared by Polymerization-Induced Self-Assembly. <i>Langmuir</i> , 2020, 36, 15463-15484.	1.6	35
1777	Micellar Nanocarriers from Dendritic Macromolecules Containing Fluorescent Coumarin Moieties. <i>Polymers</i> , 2020, 12, 2872.	2.0	16
1778	Facile synthesis of temperature-sensitive ABA triblock copolymers by dispersion RAFT polymerization. <i>Mendeleev Communications</i> , 2020, 30, 731-733.	0.6	6
1779	Amorphous Alloy Architectures in Pore Walls: Mesoporous Amorphous NiCoB Alloy Spheres with Controlled Compositions <i>via</i> a Chemical Reduction. <i>ACS Nano</i> , 2020, 14, 17224-17232.	7.3	46
1780	Hydrogen bond mediated self-assembly of two diblock copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 3061-3068.	2.0	3
1781	Morphology transition of amphiphilic homopolymer self-assemblies in water triggered by pendant design and chain length. <i>European Polymer Journal</i> , 2020, 139, 110001.	2.6	13
1782	Long-range lamellar formation in blends of divided-lamellar-forming liquid crystal block copolymers with liquid crystal homopolymers. <i>Polymer</i> , 2020, 211, 123086.	1.8	3
1783	Tuning Size and Morphology of mPEG-b-p(HPMA-Bz) Copolymer Self-Assemblies Using Microfluidics. <i>Polymers</i> , 2020, 12, 2572.	2.0	15
1784	Vesicles Comprising Dimethylaminopropyl Octadecanamide, Stearic Acid, and Carboxyhexadecyl Disulfide and Their Release Property under Reducing Condition. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 690-698.	1.4	0
1785	Self-Assembly of Linear Amphiphilic Pentablock Terpolymer PAAx-PS48-PEO46-PS48-PAAxin Dilute Aqueous Solution. <i>Polymers</i> , 2020, 12, 2183.	2.0	6
1786	Poly( <i>N</i> -vinylpyrrolidone) Antimalaria Conjugates of Membrane-Disruptive Peptides. <i>Biomacromolecules</i> , 2020, 21, 5053-5066.	2.6	5
1787	100th Anniversary of Macromolecular Science Viewpoint: The Role of Hydrophobicity in Polymer Phenomena. <i>ACS Macro Letters</i> , 2020, 9, 1700-1707.	2.3	42
1788	Self-Assembly of Single-Polymer-Tethered Nanoparticle Amphiphiles upon Varying Tail Length. <i>Nanomaterials</i> , 2020, 10, 2108.	1.9	1
1789	Impact of amino acids on the aqueous self-assembly of benzenetrispeptides into supramolecular polymer bottlebrushes. <i>Polymer Chemistry</i> , 2020, 11, 6763-6771.	1.9	9
1790	Amphiphilic Organic Cages: Self-Assembly into Nanotubes and Enhanced Anion- $\pi$ Interactions. <i>ChemPlusChem</i> , 2020, 85, 906-909.	1.3	2
1791	Bidimensional lamellar assembly by coordination of peptidic homopolymers to platinum nanoparticles. <i>Nature Communications</i> , 2020, 11, 2051.	5.8	15
1792	Biomolecule-polymer hybrid compartments: combining the best of both worlds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11197-11218.	1.3	24

#	ARTICLE	IF	CITATIONS
1793	Synthesis and characterization of castor oil-derived oxidation-responsive amphiphilic block copolymers: Poly(ethylene glycol)-b-poly(11-((2-hydroxyethyl)thio)undecanoate). <i>European Polymer Journal</i> , 2020, 133, 109736.	2.6	2
1794	Helical Toroids Self-Assembled from a Binary System of Polypeptide Homopolymer and its Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14281-14285.	7.2	60
1795	Polymerization techniques in polymerization-induced self-assembly (PISA). <i>Polymer Chemistry</i> , 2020, 11, 3673-3689.	1.9	171
1796	Facilitated Structure Formation in Isoporous Block Copolymer Membranes upon Controlled Evaporation by Gas Flow. <i>Membranes</i> , 2020, 10, 83.	1.4	9
1797	Polypyrrole and polyaniline nanocomposites with high photothermal conversion efficiency. <i>Soft Matter</i> , 2020, 16, 4569-4573.	1.2	37
1798	Synthesis and Characterization of a Leucine-Based Block Co-Polypeptide: The Effect of the Leucine Zipper on Self-Assembly. <i>Biomacromolecules</i> , 2020, 21, 2463-2472.	2.6	6
1799	Self-assembly of linear diblock copolymers in selective solvents: from single micelles to particles with tri-continuous inner structures. <i>Soft Matter</i> , 2020, 16, 6056-6062.	1.2	13
1800	Block Copolymer-Directed Synthesis of Conjugated Polyimine Nanospheres with Multichambered Mesopores. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000061.	1.1	5
1801	Controlled Synthesis of Gold Nanoparticles in Copolymers Nanomolds by X-ray Radiolysis. <i>Langmuir</i> , 2020, 36, 6132-6144.	1.6	11
1802	The importance of H <sub>2</sub> in the controlled growth of semiconducting single-wall carbon nanotubes. <i>Journal of Materials Science and Technology</i> , 2020, 54, 105-111.	5.6	9
1803	Tailoring the Proton Conductivity and Microstructure of Block Copolymers by Counter-cation-Selective Membrane Fabrication. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13071-13081.	1.5	5
1804	Structural Evolution of Ternary Amphiphilic Block Copolymer Solvent Systems for Phase Inversion Membrane Formation. <i>Macromolecules</i> , 2020, 53, 4889-4900.	2.2	7
1805	Kinetically-arrested single-polymer nanostructures from amphiphilic mikto-grafted bottlebrushes in solution: a simulation study. <i>Soft Matter</i> , 2020, 16, 4969-4979.	1.2	24
1806	Membrane Engineering: Phase Separation in Polymeric Giant Vesicles. <i>Small</i> , 2020, 16, e1905230.	5.2	8
1807	Dynamics of oil-water interface demulsification using multifunctional magnetic hybrid and assembly materials. <i>Journal of Molecular Liquids</i> , 2020, 312, 113434.	2.3	47
1808	Self-Assembly and Temperature-Driven Chirality Inversion of Cholesteryl-Based Block Copolymers. <i>Macromolecules</i> , 2020, 53, 4193-4203.	2.2	15
1809	Tailoring assembly behavior of starches to control insulin release from layer-by-layer assembled colloidal particles. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 531-537.	3.6	18
1810	Universal Interfacial Control through Polymeric Nanomosaic Coating for Block Copolymer Nanopatterning. <i>ACS Nano</i> , 2020, 14, 7140-7151.	7.3	15

#	ARTICLE	IF	CITATIONS
1811	Synthesis of nano-capsules <i>via</i> aqueous emulsion RCMP-PISA and encapsulation. <i>Polymer Chemistry</i> , 2020, 11, 3904-3912.	1.9	15
1812	Poly(ethylene glycol)- <i>b</i> -poly(vinyl acetate) block copolymer particles with various morphologies <i>via</i> RAFT/MADIX aqueous emulsion PISA. <i>Polymer Chemistry</i> , 2020, 11, 3922-3930.	1.9	25
1813	Self-assembly of block copolymers towards mesoporous materials for energy storage and conversion systems. <i>Chemical Society Reviews</i> , 2020, 49, 4681-4736.	18.7	311
1814	Supramolecular Nanostructures Constructed from Cluster-based Hybrid Macromolecules. <i>Giant</i> , 2020, 2, 100013.	2.5	33
1815	Cross-linking approaches for block copolymer nano-assemblies <i>via</i> RAFT-mediated polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2020, 11, 4681-4692.	1.9	62
1816	Crystallization vs Metal Chelation: Solution Self-Assembly of Dual Responsive Block Copolymers. <i>Macromolecules</i> , 2020, 53, 5056-5067.	2.2	21
1817	Synthesis, self-assembly of perfluoropolyether based ABA-triblock copolymers for superhydrophobic surface applications. <i>Polymer</i> , 2020, 205, 122732.	1.8	16
1818	Effects of Chemical Modifications on the Thermo-responsive Behavior of a PDMAEA- <i>b</i> -PNIPAM- <i>b</i> -POEGA Triblock Terpolymer. <i>Polymers</i> , 2020, 12, 1382.	2.0	9
1819	Self-Immolative Polyurethane-Based Nanoassemblies: Surface Charge Modulation at Tumor-Relevant pH and Redox-Responsive Guest Release. <i>Langmuir</i> , 2020, 36, 8282-8289.	1.6	14
1820	Self-Sorting of Amphiphilic Block-Pendant Homopolymers into Sphere or Rod Micelles in Water. <i>Macromolecules</i> , 2020, 53, 4942-4951.	2.2	20
1821	Precise control of grafting density in periodically grafted amphiphilic copolymers: an alternate strategy to fine-tune the lamellar spacing in the sub-10 nm regime. <i>Polymer Chemistry</i> , 2020, 11, 4143-4154.	1.9	11
1822	Time-dependent self-assembly of magnetic particles tethered branched block copolymer for potential biomedical application. <i>Applied Surface Science</i> , 2020, 527, 146649.	3.1	5
1823	Functional Glycopolypeptides: Synthesis and Biomedical Applications. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-16.	0.8	4
1824	Bactericidal nanopatterns generated by block copolymer self-assembly. <i>Acta Biomaterialia</i> , 2020, 112, 174-181.	4.1	13
1825	Impact of particle arrays on phase separation composition patterns. <i>Journal of Chemical Physics</i> , 2020, 152, 224902.	1.2	7
1826	Biomimetic Nanomembranes: An Overview. <i>Biomimetics</i> , 2020, 5, 24.	1.5	29
1827	Direct Correlation of Single-Particle Motion to Amorphous Microstructural Components of Semicrystalline Poly(ethylene oxide) Electrolytic Films. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4849-4858.	2.1	5
1828	Drug-Directed Morphology Changes in Polymerization-Induced Self-Assembly (PISA) Influence the Biological Behavior of Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30221-30233.	4.0	34

#	ARTICLE	IF	CITATIONS
1829	Advances in PEG-based ABC terpolymers and their applications. <i>RSC Advances</i> , 2020, 10, 21602-21614.	1.7	3
1830	Giant Polymer Compartments for Confined Reactions. <i>Chemistry</i> , 2020, 2, 470-489.	0.9	6
1831	Polymerization-Induced Self-Assembly for the Synthesis of Poly( <i>N,N</i> -dimethylacrylamide)- <i>b</i> -Poly(4- <i>tert</i> -butoxystyrene) Particles with Inverse Bicontinuous Phases. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000209.	2.0	13
1832	Self-assembled nanostructures from amphiphilic block copolymers prepared via ring-opening metathesis polymerization (ROMP). <i>Progress in Polymer Science</i> , 2020, 107, 101278.	11.8	77
1833	Rod-like coil block copolymer aggregates via polymerization-induced self-assembly. <i>Soft Matter</i> , 2020, 16, 3466-3475.	1.2	9
1834	Polymerization of dopamine accompanying its coupling to induce self-assembly of block copolymer and application in drug delivery. <i>Polymer Chemistry</i> , 2020, 11, 2811-2821.	1.9	25
1835	Hierarchical Self-Assembled Photo-Responsive Tubosomes from a Cyclic Peptide-Bridged Amphiphilic Block Copolymer. <i>Angewandte Chemie</i> , 2020, 132, 8945-8948.	1.6	9
1836	Core-Cross-Linked Micelles Made by RAFT Polymerization with a Polycationic Outer Shell Based on Poly(1-methyl-4-vinylpyridinium). <i>Macromolecules</i> , 2020, 53, 2198-2208.	2.2	10
1837	Enhancing Optoelectronic Properties of Conjugated Block Copolymers through Crystallization of Both Blocks. <i>Macromolecules</i> , 2020, 53, 1967-1976.	2.2	24
1838	Self-assembled micelles prepared from bio-based hydroxypropyl methyl cellulose and polylactide amphiphilic block copolymers for anti-tumor drug release. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 39-47.	3.6	25
1839	Bottom-Up Assembly of Micro/Nanostructures. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000182.	1.9	3
1840	Tetrapod Polymersomes. <i>Journal of the American Chemical Society</i> , 2020, 142, 6569-6577.	6.6	58
1841	Thermoresponsive Block Copolymer Vesicles by Visible Light-Initiated Seeded Polymerization-Induced Self-Assembly for Temperature-Regulated Enzymatic Nanoreactors. <i>ACS Macro Letters</i> , 2020, 9, 533-539.	2.3	70
1842	A nanopatterned dual reactive surface driven by block copolymer self-assembly. <i>Nanoscale</i> , 2020, 12, 7532-7537.	2.8	6
1843	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. <i>Chemical Communications</i> , 2020, 56, 4595-4598.	2.2	8
1844	Self-Assembly of Copolymer Micelles: Higher-Level Assembly for Constructing Hierarchical Structure. <i>Chemical Reviews</i> , 2020, 120, 4111-4140.	23.0	150
1845	Trending methods employed for polymerization induced self-assembly. <i>New Journal of Chemistry</i> , 2020, 44, 6690-6698.	1.4	22
1846	A polymerization-induced self-assembly process for all-styrenic nano-objects using the living anionic polymerization mechanism. <i>Polymer Chemistry</i> , 2020, 11, 2635-2639.	1.9	17

#	ARTICLE	IF	CITATIONS
1847	SAXS studies of the thermally-induced fusion of diblock copolymer spheres: formation of hybrid nanoparticles of intermediate size and shape. <i>Chemical Science</i> , 2020, 11, 4312-4321.	3.7	17
1848	Time-resolved small-angle neutron scattering studies of the thermally-induced exchange of copolymer chains between spherical diblock copolymer nanoparticles prepared via polymerization-induced self-assembly. <i>Soft Matter</i> , 2020, 16, 3657-3668.	1.2	24
1849	Recent Progress in Simple and Cost-Effective Top-Down Lithography for $\sim 10$ nm Scale Nanopatterns: From Edge Lithography to Secondary Sputtering Lithography. <i>Advanced Materials</i> , 2020, 32, e1907101.	11.1	57
1850	Insulin-induced conformational transition of fluorescent copolymers: a perspective of self-assembly between protein and micellar solutions of smart copolymers. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9573-9586.	1.3	10
1851	Biomimicry of Cellular Motility and Communication Based on Synthetic Soft Architectures. <i>Small</i> , 2020, 16, e1907680.	5.2	58
1852	The crystal packing, morphology and hydrophobicity of polyoxometalate-based amphiphilic materials. <i>CrystEngComm</i> , 2020, 22, 2434-2438.	1.3	6
1853	Formation of Asymmetric and Symmetric Hybrid Membranes of Lipids and Triblock Copolymers. <i>Polymers</i> , 2020, 12, 639.	2.0	15
1854	Bicontinuous cubic phases in biological and artificial self-assembled systems. <i>Science China Materials</i> , 2020, 63, 686-702.	3.5	20
1855	Quick and Efficient Thermal Stability Enhancement of Micro-Phase Separated Structure Formed from ABA Triblock Copolymers by Photo Cross-Linking Approach. <i>ChemistrySelect</i> , 2020, 5, 2842-2847.	0.7	4
1856	Segregated Nanocompartments Containing Therapeutic Enzymes and Imaging Compounds within DNA-Zipped Polymersome Clusters for Advanced Nanotheranostic Platform. <i>Small</i> , 2020, 16, e1906492.	5.2	22
1857	Block copolymer hierarchical structures from the interplay of multiple assembly pathways. <i>Polymer Chemistry</i> , 2020, 11, 2305-2311.	1.9	2
1858	Synthesis of multisegmented block copolymer by Friedel-Crafts hydroxyalkylation polymerization. <i>Polymer Chemistry</i> , 2020, 11, 2542-2549.	1.9	9
1859	Enthalpic incompatibility between two steric stabilizer blocks provides control over the vesicle size distribution during polymerization-induced self-assembly in aqueous media. <i>Chemical Science</i> , 2020, 11, 10821-10834.	3.7	12
1860	Amphiphilic Nucleobase-Containing Polypeptide Copolymers' Synthesis and Self-Assembly. <i>Polymers</i> , 2020, 12, 1357.	2.0	5
1861	Self-Assembly Strategy for Double Network Elastomer Nanocomposites with Ultralow Energy Consumption and Ultrahigh Wear Resistance. <i>Advanced Functional Materials</i> , 2020, 30, 2003429.	7.8	22
1862	pH-Controlled Hierarchical Assembly/Disassembly of Multicompartment Micelles in Water. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000301.	2.0	10
1863	Nanostructured Films of Oppositely Charged Domains from Self-Assembled Block Copolymers. <i>Macromolecules</i> , 2020, 53, 5638-5648.	2.2	9
1864	Self-assembly of amphiphilic alternating copolymers with stimuli-responsive rigid pendant groups. <i>Polymer Chemistry</i> , 2020, 11, 4798-4806.	1.9	7

#	ARTICLE	IF	CITATIONS
1865	Effects of pH on the Formation of PIC Micelles from PAMAM Dendrimers. <i>Langmuir</i> , 2020, 36, 8367-8374.	1.6	9
1866	Multiblock Copolymers toward Segmentation-Driven Morphological Transition. <i>Macromolecules</i> , 2020, 53, 5992-6001.	2.2	21
1867	Nonionic Block Copolymer Coacervates. <i>Macromolecules</i> , 2020, 53, 6078-6086.	2.2	16
1868	Folded amphiphilic homopolymer micelles in water: uniform self-assembly beyond amphiphilic random copolymers. <i>Polymer Chemistry</i> , 2020, 11, 5156-5162.	1.9	14
1869	Hydrophobic Interaction: A Promising Driving Force for the Biomedical Applications of Nucleic Acids. <i>Advanced Science</i> , 2020, 7, 2001048.	5.6	70
1870	Europium based coordination polyelectrolytes enable core-shell corona micelles as luminescent probes. <i>Soft Matter</i> , 2020, 16, 5727-5733.	1.2	4
1871	Hydrophobicity of acyl groups in $\beta$ -cyclodextrin-threaded polyrotaxanes dominates the formation and stability of self-assembled nanoparticles. <i>Polymer</i> , 2020, 200, 122537.	1.8	9
1872	Aggregation and Crosslinking of Poly( N,N -dimethylacrylamide)- $\beta$ -pullulan Double Hydrophilic Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000053.	1.1	8
1873	Rheologically determined effect of block copolymer morphology on dispersion of CNT in SEBS/CNT nanocomposites. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
1874	Block Copolymers Featuring Highly Photostable Photoacids Based on Vinylnaphthol: Synthesis and Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900607.	2.0	5
1875	Supramolecular Polymers - we've Come Full Circle. <i>Israel Journal of Chemistry</i> , 2020, 60, 33-47.	1.0	145
1876	Aggregation-Induced Synergism by Hydrophobic-Driven Self-Assembly of Amphiphilic Oligonucleotides. <i>Chemistry - A European Journal</i> , 2020, 26, 8767-8773.	1.7	3
1877	Block copolymer micelles confined in cylindrical nanopores: Effects of annealing solvents and hybridization. <i>Reactive and Functional Polymers</i> , 2020, 150, 104534.	2.0	3
1878	Polymerization-Induced Self-Assembly of Conjugated Block Copoly(phenylacetylene)s. <i>Macromolecules</i> , 2020, 53, 1638-1644.	2.2	41
1879	Degradable polycaprolactone nanoparticles stabilized via supramolecular host-guest interactions with pH-responsive polymer-pillar[5]arene conjugates. <i>Polymer Chemistry</i> , 2020, 11, 1985-1997.	1.9	4
1880	Key Factors for Template-Oriented Porous Titania Synthesis: Solvents and Catalysts. <i>Small Methods</i> , 2020, 4, 1900689.	4.6	14
1881	Star amphiphilic block copolymers: synthesis via polymerization-induced self-assembly and crosslinking within nanoparticles, and solution and interfacial properties. <i>Polymer Chemistry</i> , 2020, 11, 2532-2541.	1.9	21
1882	Amphiphilic poly(esteracetal)s as dual pH- and enzyme-responsive micellar immunodrug delivery systems. <i>Polymer Chemistry</i> , 2020, 11, 2441-2456.	1.9	22



#	ARTICLE	IF	CITATIONS
1883	Scalable preparation of crystalline nanorods through sequential polymerization-induced and crystallization-driven self-assembly of alternating copolymers. <i>Polymer Chemistry</i> , 2020, 11, 2312-2317.	1.9	18
1884	Synthesis of AB <sub>n</sub> -type colloidal molecules by polymerization-induced particle-assembly (PIPA). <i>Chemical Science</i> , 2020, 11, 2855-2860.	3.7	32
1885	Facile preparation of long-chain aliphatic polycarbonates containing block copolycarbonates <i>via</i> one-pot sequential organic catalyzed polymerization of macrocyclic carbonates and trimethylene carbonates. <i>Polymer Chemistry</i> , 2020, 11, 2166-2172.	1.9	6
1886	RAFT Dispersion Polymerization of Benzyl Methacrylate in Silicone Oil Using a Silicone-Based Methacrylic Stabilizer Provides Convenient Access to Spheres, Worms, and Vesicles. <i>Macromolecules</i> , 2020, 53, 1785-1794.	2.2	25
1887	Novel amphiphilic graft block azobenzene-containing copolymer with polypeptide block: synthesis, self-assembly and photo-responsive behavior. <i>RSC Advances</i> , 2020, 10, 5747-5757.	1.7	7
1888	Deep eutectic solvents for pharmaceutical formulation and drug delivery applications. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 779-796.	1.1	111
1889	Self-Assembly of Organic Nanomaterials and Biomaterials: The Bottom-Up Approach for Functional Nanostructures Formation and Advanced Applications. <i>Materials</i> , 2020, 13, 1048.	1.3	85
1890	Spatial Manipulation and Integration of Supramolecular Filaments on Hydrogel Substrates towards Advanced Soft Devices. <i>Angewandte Chemie</i> , 2020, 132, 8679-8685.	1.6	1
1891	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Self-Assembly of Giant Lipids. <i>Angewandte Chemie</i> , 2020, 132, 5264-5272.	1.6	6
1892	Morphological transition of nanostructures of self-assembled block copolymers by stimuli-induced conformational changes in the hydrophilic block. <i>Journal of Polymer Science</i> , 2020, 58, 1153-1162.	2.0	3
1893	Efficient Photoinitiated Polymerization-Induced Self-Assembly with Oxygen Tolerance through Dual-Wavelength Type I Photoinitiation and Photoinduced Deoxygenation. <i>Macromolecules</i> , 2020, 53, 1212-1223.	2.2	45
1894	The effect of I <sup>+</sup> -Conjugation on the self-assembly of micelles and controlled cargo release. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 525-532.	1.9	10
1895	Spatial Manipulation and Integration of Supramolecular Filaments on Hydrogel Substrates towards Advanced Soft Devices. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8601-8607.	7.2	7
1896	Hierarchical Self-Assembled Photo-Responsive Tubosomes from a Cyclic Peptide-Bridged Amphiphilic Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8860-8863.	7.2	57
1897	Length Control of Biodegradable Fiber-Like Micelles via Tuning Solubility: A Self-Seeding Crystallization-Driven Self-Assembly of Poly( $\mu$ -caprolactone)-Containing Triblock Copolymers. <i>Macromolecules</i> , 2020, 53, 1514-1521.	2.2	41
1898	Modularly Constructed Polyhedral Oligomeric Silsesquioxane-Based Giant Molecules for Unconventional Nanostructure Fabrication. <i>ACS Applied Nano Materials</i> , 2020, 3, 2952-2958.	2.4	15
1899	Facial Amphiphilicity-Induced Polymer Nanostructures for Antimicrobial Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21221-21230.	4.0	45
1900	Advanced porous polymer membranes from self-assembling block copolymers. <i>Progress in Polymer Science</i> , 2020, 102, 101219.	11.8	119

#	ARTICLE	IF	CITATIONS
1901	Mesochiral phases from the self-assembly of chiral block copolymers. <i>Polymer Chemistry</i> , 2020, 11, 1542-1554.	1.9	7
1902	Self-Assembly of Large Magnetic Nanoparticles in Ultrahigh Molecular Weight Linear Diblock Copolymer Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7557-7564.	4.0	10
1903	One-Step Photocontrolled Polymerization-Induced Self-Assembly (Photo-PISA) by Using In Situ Bromine-Iodine Transformation Reversible-Deactivation Radical Polymerization. <i>Polymers</i> , 2020, 12, 150.	2.0	8
1904	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Self-Assembly of Giant Lipids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5226-5234.	7.2	30
1905	Dual responsive PMEEECL-PAE block copolymers: a computational self-assembly and doxorubicin uptake study. <i>RSC Advances</i> , 2020, 10, 3233-3245.	1.7	6
1906	Self-Assembly of block copolymers into internally ordered microparticles. <i>Progress in Polymer Science</i> , 2020, 102, 101211.	11.8	161
1907	Unexpected conformational behavior of poly(poly(ethylene glycol) methacrylate)-poly(propylene) copolymers in micellar solution and at the air-water interface. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 304-315.	5.0	8
1908	Continuous Curvature Change into Controllable and Responsive Onion-like Vesicles by Rigid Sphere-Rod Amphiphiles. <i>ACS Nano</i> , 2020, 14, 1811-1822.	7.3	20
1909	Reduced administration frequency for the treatment of fungal keratitis: a sustained natamycin release from a micellar solution. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 407-421.	2.4	22
1910	Synthesis and Characterization of Waterborne Pyrrolidone-Functional Diblock Copolymer Nanoparticles Prepared via Surfactant-free RAFT Emulsion Polymerization. <i>Macromolecules</i> , 2020, 53, 1422-1434.	2.2	32
1911	Polyethyleneoxide-poly(isopropyl methacrylate) diblock copolymers as novel material for ultrafiltration membranes. <i>Journal of Polymer Science</i> , 2020, 58, 2561-2574.	2.0	2
1912	The effect of solvent quality on pathway-dependent solution-state self-assembly of an amphiphilic diblock copolymer. <i>Journal of Applied Physics</i> , 2020, 127, 125104.	1.1	4
1913	Solvent-induced morphological transitions in methacrylate-based block-copolymer aggregates. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 133-140.	5.0	9
1914	Metal-Mediated Morphology Regulation of Self-Assembled Double-Hydrophilic Block Copolymers. <i>ACS Macro Letters</i> , 2020, 9, 600-605.	2.3	7
1915	Synthesis, thermoresponsivity and multi-tunable hierarchical self-assembly of multi-responsive (AB) <sub>m</sub> C miktobrush-coil terpolymers. <i>Polymer Chemistry</i> , 2020, 11, 3003-3017.	1.9	18
1916	Self-assembly of paramagnetic amphiphilic copolymers for synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6866-6876.	2.9	14
1917	On the relations of phase separation and Hi-C maps to epigenetics. <i>Royal Society Open Science</i> , 2020, 7, 191976.	1.1	18
1918	Surface Nanostructures Based on Assemblies of Polymer Brushes. <i>ChemPlusChem</i> , 2020, 85, 998-1007.	1.3	14

#	ARTICLE	IF	CITATIONS
1919	Dissipative Particle Dynamics Aided Design of Drug Delivery Systems: A Review. <i>Molecular Pharmaceutics</i> , 2020, 17, 1778-1799.	2.3	50
1920	Polymersome-Based Modular Nanoreactors with Size-Selective Transmembrane Permeability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 23502-23513.	4.0	21
1921	A Single Enzyme Mediates the "Quasi-Living" Formation of Multiblock Copolymers with a Broad Biomedical Potential. <i>Biomacromolecules</i> , 2020, 21, 2132-2146.	2.6	8
1922	Assembly of Short-Chain Amphiphilic Homopolymers into Well-Defined Particles. <i>Langmuir</i> , 2020, 36, 4548-4555.	1.6	7
1923	Three-Dimensional Spirals of Conjugated Block Copolymers Driven by Screw Dislocation. <i>Macromolecules</i> , 2020, 53, 3217-3223.	2.2	24
1924	Producing Nanoporosities in Block Copolymers within 30 s by Microwave-Boosted Selective Swelling. <i>Macromolecules</i> , 2020, 53, 3619-3626.	2.2	13
1925	Polymer Electrolyte Membranes with Hybrid Cluster Network for Efficient CO <sub>2</sub> /CH <sub>4</sub> Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6815-6825.	3.2	15
1926	Supramolecular polymer bottlebrushes. <i>Chemical Communications</i> , 2020, 56, 5079-5110.	2.2	36
1927	Oxidation promoted self-assembly of $\pi$ -conjugated polymers. <i>Chemical Science</i> , 2020, 11, 6383-6392.	3.7	24
1928	Efficient, decoupled, and second-order unconditionally energy stable numerical schemes for the coupled Cahn-Hilliard system in copolymer/homopolymer mixtures. <i>Computer Physics Communications</i> , 2021, 260, 107290.	3.0	20
1929	Continuous flow photo-RAFT and light-PISA. <i>Chemical Engineering Journal</i> , 2021, 420, 127663.	6.6	26
1930	Effect of vortex-induced physical stress on fluorescent properties of dye-containing poly(ethylene Terephthalate) fibers. <i>Journal of Applied Polymer Science</i> , 2021, 163, 48953.	1.3	6
1931	Reaction-induced phase transitions with block copolymers in solution and bulk. <i>Polymer Chemistry</i> , 2021, 12, 12-28.	1.9	20
1932	Discovery of single gyroid structure in self-assembly of block copolymer with inorganic precursors. <i>Journal of Hazardous Materials</i> , 2021, 402, 123538.	6.5	4
1933	Forced gradient copolymerisation: a simplified approach for polymerisation-induced self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 57-68.	1.9	26
1934	Polymerisation-induced self-assembly (PISA) as a straightforward formulation strategy for stimuli-responsive drug delivery systems and biomaterials: recent advances. <i>Biomaterials Science</i> , 2021, 9, 38-50.	2.6	52
1935	Advances in non-covalent crosslinked polymer micelles for biomedical applications. <i>Materials Science and Engineering C</i> , 2021, 119, 111626.	3.8	55
1936	Insights in the rheological properties of PLGA-PEG-PLGA aqueous dispersions: Structural properties and temperature-dependent behaviour. <i>Polymer</i> , 2021, 213, 123216.	1.8	7

#	ARTICLE	IF	CITATIONS
1937	Preparation of well-defined 2D-lenticular aggregates by self-assembly of PNIPAM- <i>b</i> -PVDF amphiphilic diblock copolymers in solution. <i>Polymer Chemistry</i> , 2021, 12, 1465-1475.	1.9	8
1938	pH-Sensitive Nanodrug Carriers for Codelivery of ERK Inhibitor and Gemcitabine Enhance the Inhibition of Tumor Growth in Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2021, 18, 87-100.	2.3	31
1939	Synthesis, aqueous solution behavior and self-assembly of a dual pH/thermo-responsive fluorinated diblock terpolymer. <i>Polymer Chemistry</i> , 2021, 12, 277-290.	1.9	12
1940	Naked micelles: well-defined polymer nanoparticles from photo-cleavable block copolymer micelles. <i>Polymer Chemistry</i> , 2021, 12, 1429-1438.	1.9	8
1941	Direct synthesis of light-emitting triblock copolymers from RAFT polymerization. <i>Polymer Chemistry</i> , 2021, 12, 216-225.	1.9	4
1942	Optimal periodic structures with general space group symmetries in the Ohta-Kawasaki problem. <i>Physica D: Nonlinear Phenomena</i> , 2021, 415, 132732.	1.3	4
1943	Physico-chemical interactions of a new rod-coil-rod polymer with liposomal system: Approaches to applications in tryptophan-related therapies. <i>Chemistry and Physics of Lipids</i> , 2021, 235, 105027.	1.5	2
1944	Synthesis and applications of anisotropic nanoparticles with precisely defined dimensions. <i>Nature Reviews Chemistry</i> , 2021, 5, 21-45.	13.8	154
1945	Complex Hollow Bowl-Like Nanostructures: Synthesis, Application, and Perspective. <i>Advanced Functional Materials</i> , 2021, 31, 2007801.	7.8	35
1946	Miktoarm Star Polymers with Environment-Selective ROS/GSH Responsive Locations: From Modular Synthesis to Tuned Drug Release through Micellar Partial Corona Shedding and/or Core Disassembly. <i>Macromolecular Bioscience</i> , 2021, 21, e2000305.	2.1	20
1947	Smart polymeric nanostructures for targeted delivery of therapeutics. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 269-284.	1.2	8
1948	A Molecular Dynamics Study of the Mechanical Properties of Ionic Copolymers during Tension-Recovery Deformation. <i>Macromolecular Theory and Simulations</i> , 2021, 30, 2000081.	0.6	1
1949	Amphiphilic Polyelectrolyte Graft Copolymers Enhance the Activity of Cyclic Dinucleotide STING Agonists. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001056.	3.9	10
1950	Mechanochromism in Structurally Colored Polymeric Materials. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000528.	2.0	55
1951	Hybrid vesicles of pillar[5]arene/silica: Host-guest complexation and application in pH-triggered release. <i>Chinese Chemical Letters</i> , 2021, 32, 214-217.	4.8	7
1952	Constructing PCM with architecturally distinct higher-order assemblies. <i>Current Opinion in Structural Biology</i> , 2021, 66, 66-73.	2.6	14
1953	Polymerizations by RAFT: Developments of the Technique and Its Application in the Synthesis of Tailored (Co)polymers. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000311.	1.1	50
1954	Non-ideal mixing behavior in dibutyl phosphate-propylamine binary liquids: Dielectric and nuclear magnetic resonance investigations. <i>Journal of Molecular Liquids</i> , 2021, 323, 114963.	2.3	4

#	ARTICLE	IF	CITATIONS
1955	Amphiphilic random and random block terpolymers with PEG, octadecyl, and oleyl pendants for controlled crystallization and microphase separation. <i>Polymer Chemistry</i> , 2021, 12, 1439-1447.	1.9	10
1956	Ultrasoft and High-Mobility Block Copolymers for Skin-Compatible Electronics. <i>Advanced Materials</i> , 2021, 33, e2005416.	11.1	51
1957	Self-assembled block copolymers in ionic liquids: Recent advances and practical applications. <i>Journal of Molecular Liquids</i> , 2021, 323, 115076.	2.3	9
1958	Synthesis of azobenzene-containing liquid crystalline block copolymer nanoparticles <i>via</i> polymerization induced hierarchical self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 458-465.	1.9	18
1959	Self-assembled polymeric vesicles: Focus on polymersomes in cancer treatment. <i>Journal of Controlled Release</i> , 2021, 330, 502-528.	4.8	57
1960	Overcoming the Necessity of a Lateral Aggregation in the Formation of Supramolecular Polymer Bottlebrushes in Water. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000585.	2.0	2
1961	Self-assembly of dextran $\alpha$ -D-glucopyranosyl deoxycholic acid polyester copolymers: Copolymer composition and self-assembly procedure tune the aggregate size and morphology. <i>Carbohydrate Polymers</i> , 2021, 252, 117147.	5.1	7
1962	Double diamond structured bicontinuous mesoporous titania templated by a block copolymer for anode material of lithium-ion battery. <i>Nano Research</i> , 2021, 14, 992-997.	5.8	25
1963	Synthesis of polymer nanoparticles via electrohydrodynamic emulsification-mediated self-assembly. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 445-456.	5.0	7
1964	PISA: construction of self-organized and self-assembled functional vesicular structures. <i>Polymer Chemistry</i> , 2021, 12, 29-49.	1.9	41
1965	Open-air synthesis of oligo(ethylene glycol)-functionalized polypeptides from non-purified N-carboxyanhydrides. <i>Biomaterials Science</i> , 2021, 9, 4120-4126.	2.6	4
1966	pH-Dependent Structure of Block Copolymer Micelles Featuring a Polyampholyte Corona: A Combined Experimental and Theoretical Approach. <i>Macromolecules</i> , 2021, 54, 1976-1991.	2.2	2
1967	Nanoparticle-Stabilized Perforated Lamellar Morphology in Block Copolymer/Quantum Dot Hybrids. <i>Macromolecules</i> , 2021, 54, 1216-1223.	2.2	8
1968	<i>N</i> -Heterocyclic carbene-carbodiimide (NHC-CDI) betaine adducts: synthesis, characterization, properties, and applications. <i>Chemical Science</i> , 2021, 12, 2699-2715.	3.7	8
1969	Hexagonal Microparticles from Hierarchical Self-Organization of Chiral Trigonal Pd <sub>3</sub> L <sub>6</sub> Macrotetracycles. <i>Cell Reports Physical Science</i> , 2021, 2, 100303.	2.8	7
1970	Synthesis of zwitterionic chimeric polymersomes for efficient protein loading and intracellular delivery. <i>Polymer Chemistry</i> , 2021, 12, 5085-5092.	1.9	7
1971	Research Advances in the Synthesis, Application, Assembly, and Calculation of Janus Materials. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 1071-1095.	1.8	57
1972	Computational Reverse-Engineering Analysis of Scattering Experiments (CREASE) on Amphiphilic Block Polymer Solutions: Cylindrical and Fibrillar Assembly. <i>Macromolecules</i> , 2021, 54, 783-796.	2.2	15

#	ARTICLE	IF	CITATIONS
1973	Kinetic state diagrams for a highly asymmetric block copolymer assembled in solution. <i>Soft Matter</i> , 2021, 17, 1084-1090.	1.2	5
1974	Fluorescent polymer cubosomes and hexosomes with aggregation-induced emission. <i>Chemical Science</i> , 2021, 12, 5495-5504.	3.7	31
1975	Non-thermally initiated RAFT polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 3220-3232.	1.9	42
1976	Control of Particle Size in the Self-Assembly of Amphiphilic Statistical Copolymers. <i>Macromolecules</i> , 2021, 54, 1425-1440.	2.2	13
1978	Unsupervised learning of sequence-specific aggregation behavior for a model copolymer. <i>Soft Matter</i> , 2021, 17, 7697-7707.	1.2	29
1979	Dissipative Particle Dynamics Approaches to Modeling the Self-Assembly and Morphology of Neutral and Ionic Block Copolymers in Solution. <i>Molecular Modeling and Simulation</i> , 2021, , 75-100.	0.2	1
1980	The effect of THF and the chelating modifier DTHFP on the copolymerisation of $\hat{1}^2$ -myrcene and styrene: kinetics, microstructures, morphologies, and mechanical properties. <i>Polymer Chemistry</i> , 2021, 12, 4632-4642.	1.9	15
1981	Towards scalable, low dispersity, and dimensionally tunable 2D platelets using living crystallization-driven self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 3650-3660.	1.9	8
1982	Encapsulation of inorganic nanoparticles in a block copolymer vesicle wall driven by the interfacial instability of emulsion droplets. <i>Polymer Chemistry</i> , 2021, 12, 4184-4192.	1.9	10
1983	Core-functionalized nanoaggregates: preparation <i>&lt;i&gt;via&lt;/i&gt;</i> polymerization-induced self-assembly and their applications. <i>New Journal of Chemistry</i> , 2021, 45, 12776-12791.	1.4	8
1984	Oxygen-Responsive Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008078.	7.8	65
1985	Metallohelices emulate the properties of short cationic $\hat{1}^{\pm}$ -helical peptides. <i>Chemical Science</i> , 2021, 12, 1620-1631.	3.7	24
1986	Effects of Hydrophobic Modifications on the Solution Self-Assembly of P(DMAEMA-co-QDMAEMA)-b-POEGMA Random Diblock Copolymers. <i>Polymers</i> , 2021, 13, 338.	2.0	7
1987	Stabilizing self-assembled nano-objects using light-driven tetrazole chemistry. <i>Polymer Chemistry</i> , 2021, 12, 1627-1634.	1.9	5
1988	Concurrent self-regulated autonomous synthesis and functionalization of pH-responsive giant vesicles by a chemical pH oscillator. <i>Soft Matter</i> , 2021, 17, 4011-4018.	1.2	7
1989	Self-assembled nanomaterials for biosensing and therapeutics: recent advances and challenges. <i>Analyst</i> , 2021, 146, 2807-2817.	1.7	9
1990	Degradable Spirocyclic Polyacetal-Based Core-Amphiphilic Assemblies for Encapsulation and Release of Hydrophobic Cargo. <i>Nanomaterials</i> , 2021, 11, 161.	1.9	5
1991	Silica covering driven intensity enhancement and handedness inversion of the CPL signals of the supramolecular assemblies. <i>New Journal of Chemistry</i> , 2021, 45, 8986-8992.	1.4	5

#	ARTICLE	IF	CITATIONS
1992	<i>In situ</i> monitoring of PISA morphologies. <i>Polymer Chemistry</i> , 2021, 12, 3947-3952.	1.9	26
1993	Influence of single chain nanoparticle stabilizers on polymerization induced hierarchical self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 2743-2751.	1.9	7
1994	Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. <i>Macromolecules</i> , 2021, 54, 930-940.	2.2	17
1995	Plasmonic carriers responsive to pulsed laser irradiation: a review of mechanisms, design, and applications. <i>New Journal of Chemistry</i> , 2021, 45, 15131-15157.	1.4	6
1996	Investigating the adsorption of anisotropic diblock copolymer worms onto planar silica and nanocellulose surfaces using a quartz crystal microbalance. <i>Polymer Chemistry</i> , 2021, 12, 6088-6100.	1.9	7
1997	The self-assembly of single chain Janus nanoparticles from azobenzene-containing block copolymers and reversible photoinduced morphology transitions. <i>Polymer Chemistry</i> , 2021, 12, 2447-2456.	1.9	15
1998	Regulating the morphology and size of homopolypeptide self-assemblies via selective solvents. <i>Soft Matter</i> , 2021, 17, 7118-7123.	1.2	4
1999	Emerging applications for living crystallization-driven self-assembly. <i>Chemical Science</i> , 2021, 12, 4661-4682.	3.7	126
2000	Synthesis and Photo-responsive Self-Assembly of Azobenzene-Containing Molecular Brushes. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2891.	0.6	1
2001	Shear-induced alignment of block copolymer worms in mineral oil. <i>Soft Matter</i> , 2021, 17, 8867-8876.	1.2	8
2002	Supramolecular-micelle-directed preparation of uniform magnetic nanofibers with length tunability, colloidal stability and capacity for surface functionalization. <i>Polymer Chemistry</i> , 2021, 12, 1924-1930.	1.9	3
2003	Facile topological transformation of ABA triblock copolymers into multisite, single-chain-folding and branched multiblock copolymers <i>via</i> sequential click coupling and anthracene chemistry. <i>Polymer Chemistry</i> , 2021, 12, 725-735.	1.9	9
2004	Squaraine Organic Crystals with Strong Dipole Effect Toward Stable Lithium-Organic Batteries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2005	Solution self-assembly of fluorinated polymers, an overview. <i>Polymer Chemistry</i> , 2021, 12, 3852-3877.	1.9	23
2006	Amine-containing diblock terpolymers via AROP: a versatile method for the generation of multifunctional micelles. <i>Polymer Chemistry</i> , 2021, 12, 3900-3916.	1.9	1
2007	Large-Area Fabrication of Vertical Silicon Nanotube Arrays <i>via</i> Toroidal Micelle Self-Assembly. <i>Langmuir</i> , 2021, 37, 1932-1940.	1.6	6
2008	Design and application of covalent organic frameworks for ionic conduction. <i>Polymer Chemistry</i> , 2021, 12, 4874-4894.	1.9	27
2009	Dendritic Macromolecular Architectures: Dendrimer-Based Polyion Complex Micelles. <i>Biomacromolecules</i> , 2021, 22, 262-274.	2.6	12

#	ARTICLE	IF	CITATIONS
2010	Applications of Discrete Synthetic Macromolecules in Life and Materials Science: Recent and Future Trends. <i>Advanced Science</i> , 2021, 8, 2004038.	5.6	76
2011	Cholesteric mesophase based 1D photonic materials from self-assembly of liquid crystalline block and random terpolymers containing chromonic molecules. <i>RSC Advances</i> , 2021, 11, 14615-14623.	1.7	2
2012	Biodegradable phenylboronic acid-modified $\mu$ -polylysine for glucose-responsive insulin delivery via transdermal microneedles. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6017-6028.	2.9	27
2013	Enhanced NO-induced angiogenesis via NO/H <sub>2</sub> S co-delivery from self-assembled nanoparticles. <i>Biomaterials Science</i> , 2021, 9, 5150-5159.	2.6	17
2014	Chain-End Modification: A Starting Point for Controlling Polymer Crystal Nucleation. <i>Macromolecules</i> , 2021, 54, 1599-1610.	2.2	8
2015	Multifaceted pH and Temperature Induced Self-Assembly of P(DMAEMA-co-LMA)-b-PEOEGMA Terpolymers and Their Cationic Analogues in Aqueous Media. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000358.	1.1	11
2016	Synthesis and self-assembly of star multiple block copolymer of poly(4-vinylpyridine)-block-polystyrene. <i>Polymer</i> , 2021, 215, 123431.	1.8	4
2017	Micro-scale hollow nanosphere as highly efficient ORR electrocatalyst derived from the self-assembly of triblock copolymer (L64). <i>Ionics</i> , 2021, 27, 1611-1618.	1.2	0
2018	Probing Thermoresponsive Polymerization-Induced Self-Assembly with Variable-Temperature Liquid-Cell Transmission Electron Microscopy. <i>Matter</i> , 2021, 4, 722-736.	5.0	33
2019	Synthesis and self-assembly of corona-functionalised polymeric arsenical nanoparticles. <i>European Polymer Journal</i> , 2021, 144, 110235.	2.6	0
2020	Core-Crosslinked Fluorescent Worm-Like Micelles for Glucose-Mediated Drug Delivery. <i>Biomacromolecules</i> , 2021, 22, 1458-1471.	2.6	13
2021	Weakly Ionically Bound Thermosensitive Hyperbranched Polymers. <i>Langmuir</i> , 2021, 37, 2913-2927.	1.6	4
2022	Constructing Cylindrical Nanostructures Via Directional Morphology Evolution Induced by Seeded Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100001.	2.0	2
2023	Metal-Immobilized Micellar Aggregates of a Block Copolymer from a Mixed Solvent for a SERS-Active Sensing Substrate and Versatile Dip Catalysis. <i>Langmuir</i> , 2021, 37, 2445-2456.	1.6	8
2024	Enzyme-assisted Photoinitiated Polymerization-induced Self-assembly in Continuous Flow Reactors with Oxygen Tolerance. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1127-1137.	2.0	40
2025	Preparation of Block Copolymer Nano-Objects with Embedded Ketoester Functional Groups by Photoinitiated RAFT Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000720.	2.0	8
2026	Length of the Core Forming Block Effect on Fusion and Fission Dynamics at Equilibrium in PEO-b-PPO-b-PEO Triblock Copolymer Micelles in the Spherical Regime. <i>Macromolecules</i> , 2021, 54, 2494-2505.	2.2	8
2027	Recent Trends in Advanced Polymer Materials in Agriculture Related Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1203-1217.	2.0	96



#	ARTICLE	IF	CITATIONS
2028	Ordered Mesoporous Microcapsules from Double Emulsion Confined Block Copolymer Self-Assembly. <i>ACS Nano</i> , 2021, 15, 3490-3499.	7.3	40
2029	Bending Behavior and Directed Self-Assembly of Rod-Coil Block Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10437-10445.	4.0	11
2030	Structural characterization and developability assessment of sustained release hydrogels for rapid implementation during preclinical studies. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105689.	1.9	8
2031	Functional DNA-Polymer Conjugates. <i>Chemical Reviews</i> , 2021, 121, 11030-11084.	23.0	72
2032	Protein-Mimetic Self-Assembly with Synthetic Macromolecules. <i>Macromolecules</i> , 2021, 54, 3585-3612.	2.2	38
2033	Switching between Thermal Initiation and Photoinitiation Redirects RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2021, 54, 2948-2959.	2.2	37
2034	One-dimensional hairy CNT/polymer/Au nanocomposites via ligating with amphiphilic crosslinkable block copolymers. <i>Giant</i> , 2021, 5, 100048.	2.5	7
2035	The Protein Corona Leads to Deformation of Spherical Micelles. <i>Angewandte Chemie</i> , 2021, 133, 10430-10437.	1.6	1
2036	Redox-Active Micelle-Based Reaction Platforms for In Situ Preparation of Noble Metal Nanocomposites with Photothermal Conversion Capability. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13648-13657.	4.0	9
2037	Improved gene delivery to K-562 leukemia cells by lipoic acid modified block copolymer micelles. <i>Journal of Nanobiotechnology</i> , 2021, 19, 70.	4.2	14
2038	Spherulite-Like Micelles. <i>Angewandte Chemie</i> , 2021, 133, 11045-11051.	1.6	4
2039	Solvent Selectivity Governs the Emergence of Temperature Responsiveness in Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2021, 54, 2912-2920.	2.2	3
2040	Ionic Transport and Robust Switching Properties of the Confined Self-Assembled Block Copolymer/Homopolymer in Asymmetric Nanochannels. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 14507-14517.	4.0	15
2041	Self-Assembly mechanism of PEG-b-PCL and PEG-b-PBO-b-PCL amphiphilic copolymer micelles in aqueous solution from coarse grain modeling. <i>Journal of Polymer Science</i> , 2021, 59, 614-626.	2.0	3
2042	Oligodimethylsiloxane-Oligoproline Block Co-Oligomers: the Interplay between Aggregation and Phase Segregation in Bulk and Solution. <i>Journal of the American Chemical Society</i> , 2021, 143, 4032-4042.	6.6	5
2043	The Protein Corona Leads to Deformation of Spherical Micelles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10342-10349.	7.2	17
2044	Triggered Degradable Colloidal Particles with Ordered Inverse Bicontinuous Cubic and Hexagonal Mesophases. <i>ACS Nano</i> , 2021, 15, 4688-4698.	7.3	42
2045	Efficient Access to 3D Mesoscopic Prisms in Polymeric Soft Materials. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100064.	2.0	4

#	ARTICLE	IF	CITATIONS
2046	Toward Covalent Organic Framework Metastructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 5003-5010.	6.6	37
2047	Synthesis and formulation of self-immolative PEG-aryl azide block copolymers and click-release reactivity with trans-cyclooctene. <i>Journal of Polymer Science</i> , 2021, 59, 646-658.	2.0	2
2048	Polymersome formation by solvent annealing-induced structural reengineering under 3D soft confinement. <i>Nano Research</i> , 2021, 14, 4644-4649.	5.8	10
2049	Spatially Restricted Templated Growth of Poly( $\mu$ -caprolactone) from Carbon Nanotubes by Crystallization-Driven Self-Assembly. <i>Macromolecules</i> , 2021, 54, 2844-2851.	2.2	27
2050	Programmable Morphology Evolution of Rod-Coil-Rod Block Copolymer Assemblies Induced by Variation of Chain Ordering. <i>Langmuir</i> , 2021, 37, 3148-3157.	1.6	9
2051	Bioinspired and biomimetic membranes for water purification and chemical separation: A review. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	26
2052	Ionic Liquid-Controlled Shape Transformation of Spherical to Nonspherical Polymersomes via Hierarchical Self-Assembly of a Diblock Copolymer. <i>Langmuir</i> , 2021, 37, 5081-5088.	1.6	7
2053	Thermoresponsive Polycation-Stabilized Nanoparticles through PISA. Control of Particle Morphology with a Salt. <i>Macromolecules</i> , 2021, 54, 4288-4299.	2.2	6
2054	Dendritic Micelles with Controlled Branching and Sensor Applications. <i>Journal of the American Chemical Society</i> , 2021, 143, 5805-5814.	6.6	32
2055	Spherulite-Like Micelles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10950-10956.	7.2	15
2056	Self-Assembly of Bottlebrush Block Copolymers in Selective Solvent: Micellar Structures. <i>Polymers</i> , 2021, 13, 1351.	2.0	8
2057	Inverse Bicontinuous Structure by Polymerization-Induced Self-Assembly Against Single-Chain Nanoparticles. <i>ACS Macro Letters</i> , 2021, 10, 603-608.	2.3	19
2058	Investigation of the dynamics of the various relaxation processes in SEBS block copolymer possessing low styrene fraction. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101211.	2.4	1
2059	Preformed Biodegradable Zwitterionic Nanoparticles as Tunable Excipients for the Formulation of Therapeutics Directly at the Point of Care. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 10699-10709.	1.8	6
2060	Secondary Structure-Driven Self-Assembly of Thiol-Reactive Polypept(o)ides. <i>Biomacromolecules</i> , 2021, 22, 2171-2180.	2.6	18
2061	Uniform 1D Micelles and Patchy & Block Comicelles via Scalable, One-Step Crystallization-Driven Block Copolymer Self-Assembly. <i>Journal of the American Chemical Society</i> , 2021, 143, 6266-6280.	6.6	37
2062	Sequential Superassembly of Nanofiber Arrays to Carbonaceous Ordered Mesoporous Nanowires and Their Heterostructure Membranes for Osmotic Energy Conversion. <i>Journal of the American Chemical Society</i> , 2021, 143, 6922-6932.	6.6	61
2063	Shear-induced transitions in colloidal and polymeric liquids. <i>Advances in Colloid and Interface Science</i> , 2021, 290, 102381.	7.0	10

#	ARTICLE	IF	CITATIONS
2064	Molecular tailoring of polystyrene-block-poly (acrylic acid) block copolymer toward additive-free asymmetric isoporous membranes via SNIPS. <i>Journal of Membrane Science</i> , 2021, 623, 119099.	4.1	17
2065	Unsupervised Learning Unravels the Structure of Four-Arm and Linear Block Copolymer Micelles. <i>Macromolecules</i> , 2021, 54, 3755-3768.	2.2	12
2066	Paraspeckles are constructed as block copolymer micelles. <i>EMBO Journal</i> , 2021, 40, e107270.	3.5	52
2067	Photoactivated nanomotors via aggregation induced emission for enhanced phototherapy. <i>Nature Communications</i> , 2021, 12, 2077.	5.8	97
2068	P( <i>sc</i> PMMA- <i>co</i> - <i>b</i> -HPMA)- <i>b</i> -PEEGMA copolymers: synthesis, micelle formation in aqueous media and drug encapsulation. <i>Polymer International</i> , 2021, 70, 1508-1522.	1.6	13
2069	Synthesis and Applications of ZnO/Polymer Nanohybrids. , 2021, 3, 599-621.		63
2070	Mechanism of periodic field driven self-assembly process. <i>Journal of Chemical Physics</i> , 2021, 154, 144904.	1.2	4
2071	Structural Landscapes in Geometrically Frustrated Smectics. <i>Physical Review Letters</i> , 2021, 126, 177801.	2.9	16
2072	Molecular Recognition Driven Bioinspired Directional Supramolecular Assembly of Amphiphilic (Macro)molecules and Proteins. <i>Accounts of Chemical Research</i> , 2021, 54, 2670-2682.	7.6	22
2073	Bottlebrush polymers: From controlled synthesis, self-assembly, properties to applications. <i>Progress in Polymer Science</i> , 2021, 116, 101387.	11.8	138
2074	Controlled Polymerization of Norbornene Cycloparaphenylenes Expands Carbon Nanomaterials Design Space. <i>ACS Central Science</i> , 2021, 7, 1056-1065.	5.3	15
2075	Elongated self-assembled nanocarriers: From molecular organization to therapeutic applications. <i>Advanced Drug Delivery Reviews</i> , 2021, 172, 127-147.	6.6	11
2076	Nonequilibrium Processes in Polymer Membrane Formation: Theory and Experiment. <i>Chemical Reviews</i> , 2021, 121, 14189-14231.	23.0	63
2077	Ferrocene-containing polymersome nanoreactors for synergistically amplified tumor-specific chemodynamic therapy. <i>Journal of Controlled Release</i> , 2021, 333, 500-510.	4.8	54
2078	Effect of stereochemistry on nanoscale assembly of ABA triblock copolymers with crystallizable blocks. <i>Polymer</i> , 2021, 223, 123683.	1.8	3
2079	Poly(styrene)- <i>block</i> -Maltoheptaose Films for Sub-10 nm Pattern Transfer: Implications for Transistor Fabrication. <i>ACS Applied Nano Materials</i> , 2021, 4, 5141-5151.	2.4	7
2080	Switchable Self-Assembly of Elastin- and Resilin-Based Block Copolypeptides with Converse Phase Transition Behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24385-24400.	4.0	16
2081	Polymeric Delivery of Therapeutic Nucleic Acids. <i>Chemical Reviews</i> , 2021, 121, 11527-11652.	23.0	138

#	ARTICLE	IF	CITATIONS
2082	Bicontinuous Gyroid Phase of a Water-Swollen Wedge-Shaped Amphiphile: Studies with In-Situ Grazing-Incidence X-ray Scattering and Atomic Force Microscopy. <i>Materials</i> , 2021, 14, 2892.	1.3	0
2083	pH-Switchable Latexes Based on the Nonionic Amphiphilic Diblock Copolymer with a Chargeable End-Group on the Core-Forming Block. <i>Langmuir</i> , 2021, 37, 6123-6131.	1.6	2
2084	Small-Angle X-Ray Scattering Studies of Block Copolymer Nano-Objects: Formation of Ordered Phases in Concentrated Solution During Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2021, 133, 13065-13073.	1.6	3
2085	Self-Assembled Vesicles from Mixed Brush Nanoparticles in Solution. <i>Macromolecules</i> , 2021, 54, 5144-5154.	2.2	4
2086	Characterizing block-copolymer micelles used in nanomedicines via solution static scattering techniques. <i>Polymer Journal</i> , 2021, 53, 951-973.	1.3	12
2087	Controlled Assembly of Plasmonic Nanoparticles: From Static to Dynamic Nanostructures. <i>Advanced Materials</i> , 2021, 33, e2007668.	11.1	70
2088	Molecular Self-Assembly and Supramolecular Chemistry of Cyclic Peptides. <i>Chemical Reviews</i> , 2021, 121, 13936-13995.	23.0	82
2089	Cooperative organizations of small molecular surfactants and amphiphilic block copolymers: Roles of surfactants in the formation of binary co-assemblies. <i>Aggregate</i> , 2021, 2, e49.	5.2	10
2090	Hydroxyapatite Growth on Amelogenin-Amelotin Recombinamers. <i>ChemNanoMat</i> , 2021, 7, 851-857.	1.5	1
2091	Small-Angle X-Ray Scattering Studies of Block Copolymer Nano-Objects: Formation of Ordered Phases in Concentrated Solution During Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12955-12963.	7.2	13
2092	Supramicellar Nanofibrils with End-to-End Coupled Uniform Cylindrical Micelle Subunits via One-Step Assembly from a Liquid Crystalline Block Copolymer. <i>Macromolecules</i> , 2021, 54, 6845-6853.	2.2	21
2093	New emerging review on advances in block copolymer based water purification membranes. <i>Journal of Molecular Structure</i> , 2021, 1231, 129926.	1.8	10
2094	(Macro)molecular self-assembly for hydrogel drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 172, 275-295.	6.6	92
2095	Electrostatic Control of the Three-Dimensional Confined Assembly of Charged Block Copolymers in Emulsion Droplets. <i>Macromolecules</i> , 2021, 54, 5728-5736.	2.2	18
2096	Halogen-bond-driven supramolecular assemblies of quaternary-ammonium-iodide-containing polymers in three phases. <i>Cell Reports Physical Science</i> , 2021, 2, 100469.	2.8	3
2098	A Near-Infrared Organoplatinum(II) Metallacycle Conjugated with Heptamethine Cyanine for Trimodal Cancer Therapy. <i>CCS Chemistry</i> , 2022, 4, 2090-2101.	4.6	44
2099	Asymmetric Vesicles Self-Assembled by Amphiphilic Sequence-Controlled Polymers. <i>ACS Macro Letters</i> , 2021, 10, 894-900.	2.3	7
2100	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17629-17637.	7.2	34

#	ARTICLE	IF	CITATIONS
2101	Hybrid polyion complex micelles enabling high-performance lithium-metal batteries with universal carbonates. <i>Energy Storage Materials</i> , 2021, 38, 509-519.	9.5	10
2102	Enzyme-catalyzed propagation of cello-oligosaccharide chains from bifunctional oligomeric primers for the preparation of block co-oligomers and their crystalline assemblies. <i>Polymer Journal</i> , 2021, 53, 1133-1143.	1.3	9
2103	Recent Progress in Polymer Cubosomes and Hexosomes. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100194.	2.0	19
2104	The advances of characterization and evaluation methods for the compatibility and assembly structure stability of food soft matter. <i>Trends in Food Science and Technology</i> , 2021, 112, 753-763.	7.8	13
2105	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. <i>Journal of Controlled Release</i> , 2021, 334, 64-95.	4.8	57
2106	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 17770-17778.	1.6	4
2107	Nanoarchitected Porous Conducting Polymers: From Controlled Synthesis to Advanced Applications. <i>Advanced Materials</i> , 2021, 33, e2007318.	11.1	68
2108	Multidimensional Morphology Control for PS <sub>4</sub> VP Templated Mesoporous Iron (III) Oxide Thin Films. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100141.	1.9	6
2109	Visualizing Material Processing via Photoexcitation-Controlled Organic-Phase Aggregation-Induced Emission. <i>Research</i> , 2021, 2021, 9862093.	2.8	13
2110	One-Step Preparation of Thermo-Responsive Poly( <i>N</i> -isopropylacrylamide)-Based Block Copolymer Nanoparticles by Aqueous Photoinitiated Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100201.	2.0	14
2111	Large-Scale Metasurfaces Based on Grayscale Nanosphere Lithography. <i>ACS Photonics</i> , 2021, 8, 1824-1831.	3.2	24
2112	Self-assembly of the Thermosensitive and pH-Sensitive Pentablock Copolymer PNIPAM- <i>x</i> -P( <i>t</i> BA- <i>co</i> -AA) <sub>90</sub> - <i>b</i> -PPO <sub>36</sub> - <i>b</i> -P( <i>t</i> BA- <i>co</i> -AA) <sub>10</sub> in Dilute Aqueous Solutions. <i>Macromolecules</i> , 2021, 54, 6489-6501.		
2114	Polymer cyclization for the emergence of hierarchical nanostructures. <i>Nature Communications</i> , 2021, 12, 3959.	5.8	18
2115	Direct Access to Polysaccharide-Based Vesicles with a Tunable Membrane Thickness in a Large Concentration Window via Polymerization-Induced Self-Assembly. <i>Biomacromolecules</i> , 2021, 22, 3128-3137.	2.6	23
2116	ArcRNAs and the formation of nuclear bodies. <i>Mammalian Genome</i> , 2022, 33, 382-401.	1.0	4
2117	Chitosan Application as Edible Packaging Raw Material. <i>Asian Journal of Fisheries and Aquatic Research</i> , 0, , 44-54.	0.0	1
2118	Synthesis of a Benzothiadiazole-Based D <sup>π</sup> A Molecule with Aggregation-Induced Emission and Controlled Assembly Properties. <i>Processes</i> , 2021, 9, 1094.	1.3	0
2119	Polymer Micelles Composed of Molecular-Bottlebrush-Based Surfactants: Precisely Controlling Aggregation Number Corresponding to Polyhedral Structures. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100285.	2.0	0

#	ARTICLE	IF	CITATIONS
2120	One-pot fabrication of dual-redox sensitive, stabilized supramolecular nanocontainers for potential programmable drug release using a multifunctional cyclodextrin unit. <i>Journal of Controlled Release</i> , 2021, 334, 290-302.	4.8	24
2121	Synthesis strategies of templated porous carbons beyond the silica nanocasting technique. <i>Carbon</i> , 2021, 178, 451-476.	5.4	66
2122	Nanoengineering Branched Star Polymer-Based Formulations: Scope, Strategies, and Advances. <i>Macromolecular Bioscience</i> , 2021, 21, e2100105.	2.1	15
2123	Bioinspired Self-Assembling Materials for Modulating Enzyme Functions. <i>Advanced Functional Materials</i> , 2021, 31, 2104819.	7.8	21
2124	Programmable Assembly of Conjugated Polymers. <i>Advanced Materials</i> , 2021, 33, e2006287.	11.1	29
2125	Hydrogen bonding mediated self-assembled structures from block copolymer mixtures to mesoporous materials. <i>Polymer International</i> , 2022, 71, 393-410.	1.6	25
2126	Block copolymer solution self-assembly: Recent advances, emerging trends, and applications. <i>Journal of Polymer Science</i> , 2021, 59, 1874-1898.	2.0	81
2127	Self-assembly of protein-polymer conjugates for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 447-460.	6.6	49
2128	A Close Look at Molecular Self-Assembly with the Transmission Electron Microscope. <i>Chemical Reviews</i> , 2021, 121, 14232-14280.	23.0	33
2129	Thermomechanical activation achieving orthogonal working/healing conditions of nanostructured tri-block copolymer thermosets. <i>Cell Reports Physical Science</i> , 2021, 2, 100483.	2.8	14
2130	Strong Variation of Micelle-Unimer Coexistence as a Function of Core Chain Mobility. <i>Macromolecules</i> , 2021, 54, 6975-6981.	2.2	2
2131	Reversible and tunable morphologies of amphiphilic block copolymer nanorods confined in nanopores: Roles of annealing solvents. <i>Polymer</i> , 2021, 228, 123859.	1.8	5
2132	Thermodynamic Insights into Protein Adsorption on Supramolecular Assemblies of Amphiphiles. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8981-8988.	1.2	5
2133	Self-assembled mesostructured Co <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> nanoparticle superstructures for highly efficient oxygen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 125-132.	5.0	2
2134	Synthesis, Thermoresponsive Behavior, and Catalytic Properties of Amphiphilic Diblock Copolymers of N-Vinylcaprolactam and N-Vinylimidazole. <i>Polymer Science - Series A</i> , 2021, 63, 382-399.	0.4	3
2135	Machine Learning Enhanced Computational Reverse Engineering Analysis for Scattering Experiments (CREASE) to Determine Structures in Amphiphilic Polymer Solutions. <i>ACS Polymers Au</i> , 2021, 1, 153-164.	1.7	18
2136	Branched Aggregates with Tunable Morphology via Hierarchical Self-Assembly of Azobenzene-Derived Molecular Double Brushes. <i>Angewandte Chemie</i> , 2021, 133, 17848-17854.	1.6	0
2137	Order from Disorder with Intrinsically Disordered Peptide Amphiphiles. <i>Journal of the American Chemical Society</i> , 2021, 143, 11879-11888.	6.6	14

#	ARTICLE	IF	CITATIONS
2138	Fabrication of Nanoscale Oxide Textured Surfaces on Polymers. <i>Polymers</i> , 2021, 13, 2209.	2.0	2
2139	Branched Aggregates with Tunable Morphology via Hierarchical Self-Assembly of Azobenzene-Derived Molecular Double Brushes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17707-17713.	7.2	15
2140	Nanoformulations of Drugs Based on Biodegradable Lactide Copolymers with Various Molecular Structures and Architectures. <i>Nanobiotechnology Reports</i> , 2021, 16, 421-438.	0.2	13
2141	Recent developments in biodegradable block copolymers. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3877-3899.	1.6	7
2142	Molecular dynamics study on emulsified oil droplets with nonionic surfactants. <i>Journal of Molecular Liquids</i> , 2022, 346, 117102.	2.3	15
2143	Semi-Fluorinated Di and Triblock Copolymer Nano-Objects Prepared via RAFT Alcoholic Dispersion Polymerization (PISA). <i>Polymers</i> , 2021, 13, 2502.	2.0	2
2144	Advances in enzyme-catalysis-mediated RAFT polymerization. <i>Cell Reports Physical Science</i> , 2021, 2, 100487.	2.8	16
2145	Developing Anisotropy in Self-Assembled Block Copolymers: Methods, Properties, and Applications. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100300.	2.0	9
2146	How the Reactive End Group of MacroRAFT Agent Affects RAFT-Mediated Emulsion Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100333.	2.0	12
2147	Physicochemical properties and bio-interfacial interactions of surface modified PDLLA-PAMAM linear dendritic block copolymers. <i>Journal of Polymer Science</i> , 2021, 59, 2177-2192.	2.0	4
2148	Manipulating the Morphology of Amphiphilic Graft-Copolymer Assemblies by Adjusting the Flexibility of the Main Chain. <i>Macromolecules</i> , 2021, 54, 7003-7009.	2.2	7
2149	Switchable Anion Exchange in Polymer-Encapsulated APbX <sub>3</sub> Nanocrystals Delivers Stable All-Perovskite White Emitters. <i>ACS Energy Letters</i> , 2021, 6, 2844-2853.	8.8	34
2150	Polymer Vesicles for Antimicrobial Applications. <i>Polymers</i> , 2021, 13, 2903.	2.0	9
2151	Versatile Applications of Metallopolymers. <i>Progress in Polymer Science</i> , 2021, 119, 101428.	11.8	29
2152	Structural Engineering in the Self-Assembly of Amphiphilic Block Copolymers with Reactive Additives: Micelles, Vesicles, and Beyond. <i>Langmuir</i> , 2021, 37, 9865-9872.	1.6	7
2153	The self-assembly and thermoresponsivity of poly(isoprene-b-methyl methacrylate) copolymers in non-polar solvents. <i>European Polymer Journal</i> , 2021, 156, 110631.	2.6	6
2154	Polymerization-Induced Self-Assembly of Comb-like Amphiphilic Copolymers into Onion-like Vesicles. <i>Macromolecules</i> , 2021, 54, 7448-7459.	2.2	6
2155	Synthesis and micellar property of amphiphilic brush-arm star copolymers via living ROMP. <i>Polymer</i> , 2021, 229, 123951.	1.8	5

#	ARTICLE	IF	CITATIONS
2156	Chemoadaptive Polymeric Assemblies by Integrated Chemical Feedback in Self-Assembled Synthetic Protocells. <i>ACS Central Science</i> , 2021, 7, 1543-1550.	5.3	15
2157	Honokiol-Based Nanomedicine Decorated with Ethylene Glycols Derivatives Promotes Antitumor Efficacy. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1564-1573.	0.5	4
2158	Recent Advances in Block Copolymer Self-Assembly for the Fabrication of Photonic Films and Pigments. <i>Advanced Optical Materials</i> , 2021, 9, 2100519.	3.6	54
2159	Application of poly(amidoamine) dendrimer as transfer agent to synthesize poly(amidoamine)-b-poly(methyl acrylate) amphiphilic block copolymers: Self-assembly in aqueous media and drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102626.	1.4	9
2160	Evaluation of critical packing parameter in the series of polytyrosine-PEG amphiphilic copolymers. <i>Colloid and Polymer Science</i> , 2021, 299, 1543-1555.	1.0	7
2161	A novel BODIPY-based reductant-sensitive near-infrared fluorescent probe for real-time reporting azoreductase-triggered release. <i>Reactive and Functional Polymers</i> , 2021, 165, 104951.	2.0	8
2162	Expanding the Scope of Polymerization-Induced Self-Assembly: Recent Advances and New Horizons. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100498.	2.0	66
2163	Polymerization-Induced Hierarchical Self-Assembly: From Monomer to Complex Colloidal Molecules and Beyond. <i>ACS Nano</i> , 2021, 15, 13721-13731.	7.3	25
2164	Adaptive Morphology of Surface-Segregated Micelles Synthesized from Polymerization-Induced Self-Assembly Co-Mediated by a Binary Mixture of Macro-RAFT Agents. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100128.	1.1	3
2165	Morphology Transformation Pathway of Block Copolymer-Directed Cooperative Self-Assembly of ZnO Hybrid Films Monitored In Situ during Slot-Die Coating. <i>Advanced Functional Materials</i> , 2021, 31, 2105644.	7.8	11
2166	Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. <i>CheM</i> , 2021, 7, 2800-2821.	5.8	28
2167	Vesicle Formation by the Self-Assembly of Gold Nanoparticles Covered with Fluorinated Oligo(ethylene glycol)-Terminated Ligands and Its Stability in Aqueous Solution. <i>Langmuir</i> , 2021, 37, 9694-9700.	1.6	4
2168	Recent Notable Approaches to Study Self-Assembly of Nanoparticles with X-Ray Scattering and Electron Microscopy. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100087.	1.2	23
2169	Self-Assembly of a Bilayer 2D Supramolecular Organic Framework in Water. <i>Angewandte Chemie</i> , 0, , .	1.6	2
2170	How a family of nanostructured amphiphilic block copolymers synthesized by RAFT-PISA take advantage of thiol groups to direct the in situ assembly of high luminescent CuNCs within their thermo-responsive core. <i>European Polymer Journal</i> , 2021, 160, 110806.	2.6	3
2171	Direct measurement of surface forces: Recent advances and insights. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	6
2172	Asymmetric Incorporation of Silver Nanoparticles in Polymeric Assemblies by Coassembly of Tadpole-Like Nanoparticles and Amphiphilic Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100354.	2.0	3
2173	Chiral transfer-dictated self-assembly of chiral block copolymers. <i>Aggregate</i> , 0, , e122.	5.2	12



#	ARTICLE	IF	CITATIONS
2174	Dewetting assisted self-assembly of graphene nanoparticles by diverse approaches. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	0.8	1
2175	Microphase separation of stimuli-responsive interpenetrating network microgels investigated by scattering methods. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 297-305.	5.0	15
2176	Thermo-Responsive Membranes from Blends of PVDF and PNIPAM- <i>b</i> -PVDF Block Copolymers with Linear and Star Architectures. <i>Macromolecules</i> , 2021, 54, 10235-10250.	2.2	17
2177	Self-Assembly of a Bilayer 2D Supramolecular Organic Framework in Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26268-26275.	7.2	37
2178	Changeable wettability of electrospun membrane by adjusting self-assembly micelles structure of amphiphilic block copolymer. <i>Nano Select</i> , 0, .	1.9	0
2179	Bioactive compounds, antioxidant activity and elements content variation in indigenous and exotic <i>Solanum</i> sp. and their suitability in recommended daily diet. <i>Scientia Horticulturae</i> , 2021, 287, 110232.	1.7	4
2180	Fe-Doped Copolymer-Templated Nitrogen-Rich Carbon as a PGM-Free Fuel Cell Catalyst. <i>ACS Applied Energy Materials</i> , 2021, 4, 9653-9663.	2.5	5
2181	Simulation Study of the Conformational Properties of Diblock Polyelectrolytes in Salt Solutions. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3354-3362.	1.7	2
2182	Photo-Cross-Linked Poly(trimethylene carbonate)/Poly( $\mu$ -caprolactone) Triblock Copolymers with Controlled Architectures: From Phase-Separated Structures to Shape-Memory Materials. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4966-4976.	2.0	4
2183	Asymmetric polymersomes, from the formation of asymmetric membranes to the application on drug delivery. <i>Journal of Controlled Release</i> , 2021, 338, 422-445.	4.8	11
2184	Recent progress in switchable RAFT agents: Design, synthesis and application. <i>European Polymer Journal</i> , 2021, 159, 110713.	2.6	11
2185	Squaraine organic crystals with strong dipole effect toward stable lithium-organic batteries. <i>Energy Storage Materials</i> , 2021, 41, 240-247.	9.5	16
2186	Dissipative particle dynamics simulations of H-shaped diblock copolymer self-assembly in solvent. <i>Polymer</i> , 2021, 233, 124198.	1.8	14
2187	High proton selectivity membrane based on the keto-linked cationic covalent organic framework for acid recovery. <i>Journal of Membrane Science</i> , 2021, 640, 119800.	4.1	23
2188	Template-assisted interfacial self-assembly of amphiphilic poly(ethylene oxide)- <i>b</i> -poly(propylene) Molecular Liquids, 2021, 343, 117593.	2.3	0
2189	Access to different transient assemblies through kinetic control over the self-assembly of amphiphilic block copolymers using a versatile micromixer. <i>Chemical Engineering Science</i> , 2021, 246, 116998.	1.9	5
2190	In situ conversion from crew-cut to hairy micelles by surface-initiated polymerization. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 468-477.	5.0	0
2191	Interrogating the relationship between the microstructure of amphiphilic poly(ethylene) <i>J</i> <i>ETQq</i> 1 1 0.784314 <i>rgBT</i> /Overlock 10 Tf 50 <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1140-1152.	5.0	5

#	ARTICLE	IF	CITATIONS
2192	One-pot synthesis of linear triblock terpolymers and their aqueous self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 1967-1974.	1.9	8
2193	Synthesis of ABA triblock copolymer nanoparticles by polymerization induced self-assembly and their application as an efficient emulsifier. <i>Polymer Chemistry</i> , 2021, 12, 572-580.	1.9	9
2194	Self-assembly behavior of oligo(ethylene glycol) substituted polycaprolactone homopolymers. <i>Polymer Chemistry</i> , 2021, 12, 3544-3550.	1.9	10
2195	Thermoresponsive dynamic BAB block copolymer networks synthesized by aqueous PISA in one-pot. <i>Polymer Chemistry</i> , 2021, 12, 1040-1049.	1.9	12
2196	Stealth nanorods <i>via</i> the aqueous living crystallisation-driven self-assembly of poly(2-oxazoline)s. <i>Chemical Science</i> , 2021, 12, 7350-7360.	3.7	35
2197	Poly(2-oxazoline)- and Poly(2-oxazine)-Based Self-Assemblies, Polyplexes, and Drug Nanoformulations” An Update. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001382.	3.9	48
2198	Tuning the vesicle-to-worm transition for thermoresponsive block copolymer vesicles prepared via polymerisation-induced self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 1224-1235.	1.9	15
2199	Aqueous ROPISA of $\alpha$ -amino acid <i>N</i> -carboxyanhydrides: polypeptide block secondary structure controls nanoparticle shape anisotropy. <i>Polymer Chemistry</i> , 2021, 12, 6242-6251.	1.9	27
2200	Multicompartment Self-assemblies of Triblock Copolymer for Drug Delivery. <i>Colloid Journal</i> , 2021, 83, 70-78.	0.5	1
2201	Combining CROP and ATRP to synthesize pH-responsive poly(2-ethyl-2-oxazoline- <i>b</i> -4-vinylpyridine) block copolymers. <i>Polymer Chemistry</i> , 2021, 12, 4680-4695.	1.9	4
2202	Directional effect on the fusion of ellipsoidal morphologies into nanorods and nanotubes. <i>RSC Advances</i> , 2021, 11, 1729-1735.	1.7	6
2203	Tuning the properties of hydrogen-bonded block copolymer worm gels prepared <i>via</i> polymerization-induced self-assembly. <i>Chemical Science</i> , 2021, 12, 12082-12091.	3.7	11
2204	Fabrication and characterization of structurally stable pH-responsive polymeric vesicles by polymerization-induced self-assembly. <i>RSC Advances</i> , 2021, 11, 29042-29051.	1.7	3
2205	Ultra-Fast Vertical Ordering of Lamellar Block Copolymer Films on Unmodified Substrates. <i>Macromolecules</i> , 2021, 54, 1564-1573.	2.2	16
2206	Continuous and Segmented Semiconducting Fiber-Like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie</i> , 2020, 132, 8309-8316.	1.6	13
2207	Helical Toroids Self-Assembled from a Binary System of Polypeptide Homopolymer and its Block Copolymer. <i>Angewandte Chemie</i> , 2020, 132, 14387-14391.	1.6	6
2208	Continuous and Segmented Semiconducting Fiber-Like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8232-8239.	7.2	63
2209	Pincushion of Tubule Discovery and Tubular Morphology Landscape Establishment of Block Copolymer Self-Assemblies. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700424.	2.0	5

#	ARTICLE	IF	CITATIONS
2210	Block Copolymer Melts. , 2007, , 641-652.		3
2211	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends. , 2017, , 841-881.		6
2212	Self-assembling prodrug nanotherapeutics for synergistic tumor targeted drug delivery. Acta Biomaterialia, 2020, 111, 20-28.	4.1	41
2213	Morphology evolution of functionalized styrene and methyl methacrylate copolymer latex nanoparticles by one-step emulsifier-free emulsion polymerization. European Polymer Journal, 2020, 133, 109790.	2.6	26
2214	Plasmonic nanocavities fabricated by directed self-assembly lithography and nanotransfer printing and used as surface-enhanced Raman scattering substrates. Microelectronic Engineering, 2020, 227, 111309.	1.1	1
2215	Living Crystallization-Driven Self-Assembly of Polymeric Amphiphiles: Low-Dispersity Fiber-like Micelles from Crystallizable Phosphonium-Capped Polycarbonate Homopolymers. Macromolecules, 2020, 53, 10591-10600.	2.2	13
2216	The sixth revolution in pediatric vaccinology: immunoengineering and delivery systems. Pediatric Research, 2021, 89, 1364-1372.	1.1	17
2217	Functional nanoparticles through $\pi$ -conjugated polymer self-assembly. Nature Reviews Materials, 2021, 6, 7-26.	23.3	179
2218	One-pot synthesis of PLA-b-PHEA via sequential ROP and RAFT polymerizations. Polymer Chemistry, 2017, 8, 6086-6098.	1.9	15
2219	Investigating the influence of solvent quality on RAFT-mediated PISA of sulfonate-functional diblock copolymer nanoparticles. Polymer Chemistry, 2020, 11, 3416-3426.	1.9	14
2220	Design principles for metamorphic block copolymer assemblies. Soft Matter, 2020, 16, 2342-2349.	1.2	3
2221	Synthesis and properties of pH-cleavable toothbrush-like copolymers comprising multi-reactive Y junctions and a linear or cyclic backbone. Polymer Chemistry, 2020, 11, 2098-2109.	1.9	12
2222	Effects of crystallinity and dispersity on the self-assembly behavior of block co-oligomers in water. Polymer Chemistry, 2020, 11, 7170-7177.	1.9	14
2223	Self-assembled block polymer aggregates in selective solution: controllable morphology transitions and their applications in drug delivery. Expert Opinion on Drug Delivery, 2020, 17, 947-961.	2.4	16
2224	Nanoengineered electrospun fibers and their biomedical applications: a review. Nanocomposites, 2021, 7, 1-34.	2.2	35
2225	Defect passivation with novel silicone copolymers for efficient perovskite light-emitting diodes. Journal Physics D: Applied Physics, 2021, 54, 074005.	1.3	2
2227	Multilayered Equilibria in a Density Functional Model of Copolymer-solvent Mixtures. SIAM Journal on Mathematical Analysis, 2017, 49, 1593-1620.	0.9	6
2228	Photoactivation of Organotellurium Compounds in Precision Polymer Synthesis: Controlled Radical Polymerization and Radical Coupling Reactions. Bulletin of the Chemical Society of Japan, 2020, 93, 287-298.	2.0	27

#	ARTICLE	IF	CITATIONS
2229	Morphological transition of amphiphilic block copolymer/PEGylated phospholipid complexes induced by the dynamic subtle balance interactions in the self-assembled aggregates. <i>E-Polymers</i> , 2020, 20, 242-253.	1.3	3
2230	Nanoscale Polymersomes as Anti-Cancer Drug Carriers Applied for Pharmaceutical Delivery. <i>Current Pharmaceutical Design</i> , 2016, 22, 2857-2865.	0.9	15
2231	Exploring Patients' Intentions for Continuous Usage of mHealth Services: Elaboration-Likelihood Perspective Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e17258.	1.8	35
2232	Racemic Dimers as Models of Chiral Macrocycles Self-Assembled on Pyrolytic Graphite. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
2233	Kinetic stability modulation of polymeric nanoparticles for enhanced detection of influenza virus <i>via</i> penetration of viral fusion peptides. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9658-9669.	2.9	7
2234	Hydrogen-bonding mediated self-assembly of amphiphilic ABA triblock copolymers into well-defined giant vesicles. <i>Polymer Chemistry</i> , 2021, 12, 6300-6306.	1.9	8
2235	The selectivity of a polydimethylsiloxane-based triblock copolymer as the stationary phase for capillary gas chromatography. <i>New Journal of Chemistry</i> , 2021, 45, 20459-20467.	1.4	14
2236	Hydrogen Sulfide-Responsive Bicontinuous Nanospheres. <i>Biomacromolecules</i> , 2021, 22, 4770-4782.	2.6	1
2237	Hierarchical colloidosomes self-assembled from block copolymer micelles via emulsion interfacial confinement. <i>Nanotechnology</i> , 2021, 33, .	1.3	2
2238	Role of protein-copolymer assembly in controlling micellization process of amphiphilic triblock copolymer. <i>Journal of Colloid and Interface Science</i> , 2021, 608, 2142-2157.	5.0	5
2239	Chemical Composition and Strain at Interfaces between Different Morphologies in Block Copolymer Thin Films. <i>Langmuir</i> , 2021, 37, 12723-12731.	1.6	2
2240	Mesoporous TiO <sub>2</sub> Microparticles with Tailored Surfaces, Pores, Walls, and Particle Dimensions Using Persistent Micelle Templates. <i>Langmuir</i> , 2021, 37, 12874-12886.	1.6	5
2241	An Amphiphilic Corona-Forming Block Promotes Formation of a Variety of 2D Platelets via Crystallization-Driven Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2021, 54, 9761-9772.	2.2	12
2242	A simple route to prepare supramolecular block copolymers using telechelic polystyrene/polydimethylsiloxane pairs. <i>Polymer International</i> , 2022, 71, 470-477.	1.6	9
2243	Polymeric Toroidal Self-Assemblies: Diverse Formation Mechanisms and Functions. <i>Advanced Functional Materials</i> , 2022, 32, 2106036.	7.8	10
2244	pH-Controlled Stereoregular Polymerization of Poly(methyl methacrylate) in Vesicle Membranes. <i>Langmuir</i> , 2021, 37, 12746-12752.	1.6	1
2245	Antithrombotic and hemocompatible properties of nanostructured coatings assembled from block copolymers. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1608-1618.	5.0	5
2246	Amphiphilic AIEgenâ€ polymer aggregates: Design, selfâ€assembly and biomedical applications. <i>Aggregate</i> , 2022, 3, e128.	5.2	49

#	ARTICLE	IF	CITATIONS
2247	Amphiphilic micro- and nanogels: Combining properties from internal hydrogel networks, solid particles, and micellar aggregates. <i>Journal of Polymer Science</i> , 2021, 59, 2665-2703.	2.0	24
2248	Enzymatically Transformable Polymersome-Based Nanotherapeutics to Eliminate Minimal Relapsable Cancer. <i>Advanced Materials</i> , 2021, 33, e2105254.	11.1	39
2249	Self-Assembled Nanosized Vehicles from Amino Acid-Based Amphiphilic Polymers with Pendent Carboxyl Groups for Efficient Drug Delivery. <i>Biomacromolecules</i> , 2021, 22, 4871-4882.	2.6	15
2250	Topology-transformable block copolymers based on a rotaxane structure: change in bulk properties with same composition. <i>Nature Communications</i> , 2021, 12, 6175.	5.8	10
2251	Self-assembly of gradient copolymers in a selective solvent. New structures and comparison with diblock and statistical copolymers. <i>Polymer</i> , 2021, 235, 124288.	1.8	8
2252	Tumor-dilated polymersome nanofactories for enhanced enzyme prodrug chemo-immunotherapy. <i>Journal of Controlled Release</i> , 2021, 339, 418-429.	4.8	9
2253	Ordered isoporous membranes from ionic diblock copolymers via SNIPS: Optimizing effective factors with a structural survey. <i>Progress in Organic Coatings</i> , 2021, 161, 106554.	1.9	5
2254	Theory of Block Copolymers. , 2005, , .		0
2255	Surfactant Assemblies (Micelles, Vesicles, Emulsions, Films, etc.), an Overview. , 2014, , 1-6.		0
2256	Amphiphilic Molecules. , 2014, , 1-4.		0
2257	Amphiphilic Molecules. , 2016, , 72-75.		0
2258	Chapter 7. Supramolecular Chemistry in Thin Film Formation Upon Deposition From Vapour or Solution. <i>Monographs in Supramolecular Chemistry</i> , 2016, , 340-370.	0.2	0
2260	Synthetic Strategies for Anisotropic and Shape-Selective Nanomaterials. <i>Nanostructure Science and Technology</i> , 2017, , 29-77.	0.1	1
2262	On the Colloidal Stability of Association Colloids. <i>Springer Theses</i> , 2019, , 113-129.	0.0	0
2263	Polymer-Mediated Stability of Micellar Suspensions. <i>Springer Theses</i> , 2019, , 131-150.	0.0	0
2267	Self-Assembling Supramolecular Nanostructures for Drug Delivery. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 1-25.	0.1	3
2270	Block Copolymer Micelles Generated by Crystallization-Driven Self-Assembly in Polymer Matrices. <i>Science Reviews - From the End of the World</i> , 2020, 1, 47-64.	0.2	0
2271	Triply Periodic Minimal Surfaces (TPMS) for the Generation of Porous Architectures Using Stereolithography. <i>Methods in Molecular Biology</i> , 2021, 2147, 19-30.	0.4	2

#	ARTICLE	IF	CITATIONS
2272	Structure and dynamics of dibutylphosphate/n-propylamine ionic liquid: a multi-scale theoretical study. <i>Journal of Molecular Liquids</i> , 2021, 344, 117859.	2.3	1
2274	Temperature- and Solvent-Mediated Confined Assembly of Semicrystalline Chiral Block Copolymers in Evaporative Emulsion Droplets. <i>Macromolecules</i> , 2021, 54, 10712-10722.	2.2	6
2275	Precisely Encoding Geometric Features into Discrete Linear Polymer Chains for Robust Structural Engineering. <i>Journal of the American Chemical Society</i> , 2021, 143, 18744-18754.	6.6	30
2276	Cucurbit-Like Polymersomes with Aggregation-Induced Emission Properties Show Enzyme-Mediated Motility. <i>ACS Nano</i> , 2021, 15, 18270-18278.	7.3	17
2277	Precise modulation of spatially distributed inorganic nanoparticles in block copolymers-based self-assemblies with diverse morphologies. <i>Materials Today Chemistry</i> , 2021, 22, 100616.	1.7	1
2278	Battling Bacteria with Free and Surface-Immobilized Polymeric Nanostructures. , 2020, , 385-408.		0
2279	Functionalized Polymersomes from a Polyisoprene-Activated Polyacrylamide Precursor. <i>Langmuir</i> , 2021, 37, 490-498.	1.6	5
2280	Synthesis and Self-Assembly of Conjugated Block Copolymers. <i>Polymers</i> , 2021, 13, 110.	2.0	15
2281	Spray-Deposited Anisotropic Ferromagnetic Hybrid Polymer Films of PS- <i>b</i> -PMMA and Strontium Hexaferrite Magnetic Nanoplatelets. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1592-1602.	4.0	8
2282	IE-Conjugated-polymer-based nanofibers through living crystallization-driven self-assembly: preparation, properties and applications. <i>Chemical Communications</i> , 2021, 57, 13259-13274.	2.2	38
2283	Enhanced hydrophobicity of polyurethane with the self-assembly of perfluoropolyether-based triblock copolymers. <i>Progress in Organic Coatings</i> , 2022, 162, 106561.	1.9	6
2284	Hidden Frustration in Molecule-based $K_4$ and Diamond Lattices Revealed by the Line Graph Transformation. <i>Molecular Science</i> , 2020, 14, A0113.	0.2	0
2285	Amphiphilic DNA nanostructures for bottom-up synthetic biology. <i>Chemical Communications</i> , 2021, 57, 12725-12740.	2.2	24
2286	Advanced Nanomaterials in the Clinical Scenario: Virtues and Consequences. <i>Nanotechnology in the Life Sciences</i> , 2020, , 427-449.	0.4	0
2287	Polymer-Based Tumor-targeted Nanosystems. , 2020, , 371-411.		0
2288	Polymeric worm-like nanomicellar system for accelerated wound healing. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2020, 11, 36.	0.4	0
2289	Click chemistry for block polysaccharides with dihydrazide and dioxyamine linkers - A review. <i>Carbohydrate Polymers</i> , 2022, 278, 118840.	5.1	7
2290	Synchronous Synthesis of Polymeric Vesicles with Controllable Size and Low Polydispersity by Polymerization-Induced Self-Assembly. <i>Chinese Journal of Chemistry</i> , 2022, 40, 453-459.	2.6	9

#	ARTICLE	IF	CITATIONS
2291	Solvent-manipulated self-assembly of a heterocluster Janus molecule into multi-dimensional nanostructures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, , 127847.	2.3	1
2292	Thermoresponsive Self-Assembly of Twofold Fluorescently Labeled Block Copolymers in Aqueous Solution and Microemulsions. <i>Langmuir</i> , 2021, , .	1.6	9
2293	Recent Progress in the Transfer of Graphene Films and Nanostructures. <i>Small Methods</i> , 2021, 5, e2100771.	4.6	17
2294	Stacked Layer to Gyroid Structures in Partially Fluorinated PS- <i>b</i> -P <i>t</i> BMA Copolymer Films. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2020, 33, 523-528.	0.1	0
2295	Polymerization-Induced self-assembly of metallo-polyelectrolyte block copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 77-83.	2.0	0
2296	Synthesis of Block Copolymers of Acrylic Acid and N-Butyl Acrylate under Reversible Chain-Transfer Conditions in a Water-Alcohol Medium. <i>Polymer Science - Series B</i> , 2020, 62, 499-508.	0.3	1
2297	The effect of solvent quality on pathway-dependent solution-state self-assembly of an amphiphilic diblock copolymer. <i>Journal of Applied Physics</i> , 2020, 127, 1251041-1251048.	1.1	0
2298	Molecular self-assembly under nanoconfinement: indigo carmine scroll structures entrapped within polymeric capsules. <i>Nanoscale</i> , 2021, 13, 20462-20470.	2.8	4
2299	Polymeric nanostructures based on azobenzene and their biomedical applications: synthesis, self-assembly and stimuli-responsiveness. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 749-767.	1.5	9
2300	Biocatalytic self-assembled synthetic vesicles and coacervates: From single compartment to artificial cells. <i>Advances in Colloid and Interface Science</i> , 2022, 299, 102566.	7.0	33
2301	Synthesis of block copolymers used in polymersome fabrication: Application in drug delivery. <i>Journal of Controlled Release</i> , 2022, 341, 95-117.	4.8	46
2302	Self-assembled oleylamine grafted alginate aggregates for hydrophobic drugs loading and controlled release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 212-223.	1.8	2
2303	Structure and Shape of Surface-Mediated Assembly of Surfactants. <i>Energy &amp; Fuels</i> , 0, , .	2.5	1
2304	One-Pot Synthesis of Oxidation-Sensitive Supramolecular Gels and Vesicles. <i>Biomacromolecules</i> , 2021, 22, 5052-5064.	2.6	16
2305	Lewis adduct approach for self-assembled block copolymer perovskite quantum dots composite toward optoelectronic application: Challenges and prospects. <i>Chemical Engineering Journal</i> , 2022, 431, 133701.	6.6	19
2306	Lewis Adduct-Induced Phase Transitions in Polymer/Solvent Mixtures. <i>ACS Polymers Au</i> , 2022, 2, 35-41.	1.7	2
2307	Shape-Dependent Cellular Uptake of Nanostructures Produced from Supramolecular Structure-Directing Unit-Appended Hydrophilic Polymers. <i>ACS Macro Letters</i> , 2021, 10, 1467-1473.	2.3	4
2308	Hybrid Perovskite/Polymer Materials: Preparation and Physicochemical Properties. <i>Journal of Composites Science</i> , 2021, 5, 304.	1.4	3

#	ARTICLE	IF	CITATIONS
2309	Stimuli-Responsive Aggregation of High Molar Mass Poly( <i>N,N</i> -diethylacrylamide)- <i>b</i> -Poly(4-acryloylmorpholine) in Tetrahydrofuran. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100656.	2.0	4
2310	Reshaping Membrane Polymorphism of Polymer Vesicles through Dynamic Gas Exchange. <i>Journal of the American Chemical Society</i> , 2021, 143, 20183-20191.	6.6	6
2311	Processing Effects on the Self-Assembly of Brush Block Polymer Photonic Crystals. <i>ACS Macro Letters</i> , 2021, 10, 1480-1486.	2.3	9
2312	Visible Light and Glutathione Dually Responsive Delivery of a Polymer-Conjugated Temozolomide Intermediate for Glioblastoma Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55851-55861.	4.0	7
2313	Antimicrobial Photodynamic Therapy: Latest Developments with a Focus on Combinatory Strategies. <i>Pharmaceutics</i> , 2021, 13, 1995.	2.0	59
2314	Self-assembly of block copolymers for biological applications. <i>Polymer International</i> , 2022, 71, 366-370.	1.6	13
2315	Hybrid Nanoparticles for Haloperidol Encapsulation: Quid Est Optimum?. <i>Polymers</i> , 2021, 13, 4189.	2.0	3
2316	Morphological Control of Nanoparticles via Precision Polymerization-Induced Self-Assembly. <i>Journal of the Japan Society of Colour Material</i> , 2021, 94, 285-293.	0.0	0
2317	Self-Assembly of Upconversion Nanoparticles Based Materials and Their Emerging Applications. <i>Small</i> , 2022, 18, e2103241.	5.2	17
2318	Iridium Nanoparticles Confined within Partially Carbonized Hyperbranched Polymers for Selective Hydrogenation of Nitroarenes at Room Temperature. <i>ACS Applied Nano Materials</i> , 2021, 4, 13995-14003.	2.4	2
2319	Janus Photonic Microspheres with Bridged Lamellar Structures via Droplet-Confined Block Copolymer Co-Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
2320	Dispersion Polymerization versus Emulsifier-Free Emulsion Polymerization for Nano-Object Fabrication: A Comprehensive Comparison. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100566.	2.0	12
2321	Engineering Surface Amphiphilicity of Polymer Nanostructures. <i>Progress in Polymer Science</i> , 2021, , 101489.	11.8	0
2322	Current status and future directions of self-assembled block copolymer membranes for molecular separations. <i>Soft Matter</i> , 2021, 17, 10405-10415.	1.2	8
2323	Targeted delivery by pH-responsive mPEG-S-PBLG micelles significantly enhances the anti-tumor efficacy of doxorubicin with reduced cardiotoxicity. <i>Drug Delivery</i> , 2021, 28, 2495-2509.	2.5	6
2324	Host-guest complexation modulated aqueous polymerization-induced self-assembly for monodisperse hierarchical nanoflowers. <i>Chemical Communications</i> , 2021, 57, 13720-13723.	2.2	5
2325	Precise control over supramolecular nanostructures via manipulation of H-bonding in $\pi$ -amphiphiles. <i>Nanoscale</i> , 2021, 13, 20111-20118.	2.8	7
2326	PolyMOFs: Molecular Level Integration of MOFs and Polymers. <i>RSC Smart Materials</i> , 2021, , 6-30.	0.1	0



#	ARTICLE	IF	CITATIONS
2327	Synthesis of Enzyme-Responsive Theranostic Amphiphilic Conjugated Bottlebrush Copolymers for Enhanced Anticancer Drug Delivery. SSRN Electronic Journal, 0, , .	0.4	0
2328	Fundamentals, progress and perspectives on high-frequency phononic crystals. Journal Physics D: Applied Physics, 2022, 55, 193002.	1.3	22
2329	Photoresponsive nanostructures of azobenzene-containing block copolymers at solid surfaces. Polymer Chemistry, 2022, 13, 411-419.	1.9	6
2330	Nanoscale self-assembly: concepts, applications and challenges. Nanotechnology, 2022, 33, 132001.	1.3	32
2331	Compartmentalisation of molecular catalysts for nonorthogonal tandem catalysis. Chemical Society Reviews, 2022, 51, 57-70.	18.7	22
2332	Size-tunable fluorescent dendrimersomes via aggregation-induced emission. Chemical Communications, 2021, , .	2.2	3
2333	Effect of micro- and nanoparticle shape on biological processes. Journal of Controlled Release, 2022, 342, 93-110.	4.8	37
2334	Aggregation behaviour of star block copolymers T1304 and T1307 in the presence of toluene, phenol and methyl phenols: A DLS and SANS study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 636, 128132.	2.3	5
2335	General biotemplating of hierarchically ultra-vesicular microspheres for superior microwave absorption. Chemical Engineering Journal, 2022, 431, 133925.	6.6	8
2336	Creation of polymeric nanostructures by living coordination block copolymerization of allene derivatives with fluoroalkyl substituents under polymerization-induced self-assembly conditions and their application to superhydrophobic surfaces. Polymer Chemistry, 2021, 12, 6771-6779.	1.9	4
2337	Block Random Copolymers of Styrene and Acrylic Acid: Synthesis and Properties. Polymer Science - Series B, 2021, 63, 821-832.	0.3	1
2338	Temperature-Selective Self-Assembled Superlattices of Gold Nanoparticles Driven by Block Copolymer Template Guidance. Journal of Physical Chemistry Letters, 2021, 12, 11960-11967.	2.1	4
2339	Controlling the aggregation and assembly of boron-containing molecular and polymeric materials. Aggregate, 2022, 3, .	5.2	15
2340	DPD Modelling of the Self- and Co-Assembly of Polymers and Polyelectrolytes in Aqueous Media: Impact on Polymer Science. Polymers, 2022, 14, 404.	2.0	16
2341	Mapping the Morphological Landscape of Oligomeric Di-block Peptide-Polymer Amphiphiles**. Angewandte Chemie, 0, , .	1.6	0
2342	Multi-tunable aggregation behaviors of thermo/pH-responsive toothbrush-like and jellyfish-like copolymers. Polymer Chemistry, 2022, 13, 877-890.	1.9	8
2343	Length-scale dependence of pH- and temperature-response of PDMAEMA-b-PHPMA block copolymer self-assemblies in aqueous solutions. Polymer, 2022, 239, 124428.	1.8	5
2344	Self-Assembled Polymeric Materials: Design, Morphology, and Functional-Oriented Applications. Macromolecular Rapid Communications, 2022, 43, e2100791.	2.0	9

#	ARTICLE	IF	CITATIONS
2345	Mapping the Morphological Landscape of Oligomeric Di-block Peptide-Polymer Amphiphiles**. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	3
2346	Cross-linking Poly(caprolactone)-Polyamidoamine Linear Dendritic Block Copolymers for Theranostic Nanomedicine. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2972-2986.	2.0	4
2347	Hydrogen-Bond-Regulated Platelet Micelles by Crystallization-Driven Self-Assembly and Templated Growth for Poly( $\mu$ -Caprolactone) Block Copolymers. <i>Macromolecules</i> , 2022, 55, 1067-1076.	2.2	22
2348	Transformer-Induced Metamorphosis of Polymeric Nanoparticle Shape at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202113424.	7.2	24
2349	Transformer-Induced Metamorphosis of Polymeric Nanoparticle Shape at Room Temperature. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
2350	Biofunctionality with a twist: the importance of molecular organisation, handedness and configuration in synthetic biomaterial design. <i>Chemical Society Reviews</i> , 2022, 51, 28-42.	18.7	11
2352	Computing free energy barriers for the nucleation of complex network mesophases. <i>Journal of Chemical Physics</i> , 2022, 156, 034502.	1.2	2
2353	Stable Vesicles Formed by a Single Polyelectrolyte in Salt Solutions. <i>Macromolecules</i> , 2022, 55, 906-913.	2.2	4
2354	A long-range order in a thermally driven system with temperature-dependent interactions. <i>Soft Matter</i> , 2022, 18, 867-876.	1.2	1
2355	Polymeric Nanoplatfoms for the Delivery of Antibacterial Agents. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	7
2356	Synthesis of Stimuli-Responsive Block Copolymers and Block Copolymer Nanoassemblies. <i>Chinese Journal of Chemistry</i> , 2022, 40, 965-972.	2.6	13
2357	Double hydrophilic copolymers - synthetic approaches, architectural variety, and current application fields. <i>Chemical Society Reviews</i> , 2022, 51, 995-1044.	18.7	20
2358	Homopolymer nanobowls with a controlled size and denting degree. <i>Polymer Chemistry</i> , 2022, 13, 1236-1242.	1.9	6
2359	The role of cooling rate in crystallization-driven block copolymer self-assembly. <i>Chemical Science</i> , 2022, 13, 396-409.	3.7	8
2360	Tunable Aggregation-Induced Emission Fluorophore with the Assistance of the Self-Assembly of Block Copolymers by Controlling the Morphology and Secondary Conformation for Bioimaging. <i>Biomacromolecules</i> , 2022, 23, 798-807.	2.6	9
2361	Morphology Control of Multicompartement Micelles in Water through Hierarchical Self-Assembly of Amphiphilic Terpolymers. <i>Macromolecules</i> , 2022, 55, 1354-1364.	2.2	9
2362	Structure Regulation of Block Copolymer Assemblies in Emulsion Droplets by Adding a Selective Solvent. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100845.	2.0	3
2363	Control the Self-Assembly of Block Copolymers by Tailoring the Packing Frustration. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1083-1090.	2.6	23

#	ARTICLE	IF	CITATIONS
2364	Hydrophobically modified polysaccharides and their self-assembled systems: A review on structures and food applications. Carbohydrate Polymers, 2022, 284, 119182.	5.1	27
2365	Realizing shape and size control for the synthesis of coordination polymer nanoparticles templated by diblock copolymer micelles. Nanoscale, 2022, 14, 3131-3147.	2.8	4
2366	Polymerization-Induced Self-Assembly (PISA) Generated Cholesterol-Based Block Copolymer Nano-Objects in a Nonpolar Solvent: Combined Experimental and Simulation Study. Macromolecules, 2022, 55, 1139-1152.	2.2	7
2367	Preparation and cellular uptake behaviors of uniform fiber-like micelles with length controllability and high colloidal stability in aqueous media. Fundamental Research, 2023, 3, 93-101.	1.6	21
2368	Formation of genus vesicles in dilute aqueous solution by $\text{BA}_{x}\text{b}_{1-x}\text{PEO}_{90}\text{b}_{1-x}\text{PS}_{130}\text{b}_{1-x}$ amphiphilic pentablock terpolymers. Journal of Polymer Science, 2022, 60, 2318-2328.	2.0	2
2369	Complex pH-Dependent Interactions between Weak Polyelectrolyte Block Copolymer Micelles and Molecular Fluorophores. Langmuir, 2022, , .	1.6	2
2370	Chiral Expression and Morphology Control in Polymer Dispersion Systems. ChemPlusChem, 2022, 87, e202100556.	1.3	5
2371	Leveraging self-assembled nanobiomaterials for improved cancer immunotherapy. Cancer Cell, 2022, 40, 255-276.	7.7	45
2372	Competitive hydrogen bonding induced phase separation in supramolecular comb-shaped diblock copolymer. Polymer, 2022, 243, 124620.	1.8	2
2373	Dissipative self-assembly of a dual-responsive block copolymer driven by a chemical oscillator. Journal of Colloid and Interface Science, 2022, 615, 732-739.	5.0	7
2374	Probing the Analogy between Living Crystallization-Driven Self-Assembly and Living Covalent Polymerizations: Length-Independent Growth Behavior for 1D Block Copolymer Nanofibers. Macromolecules, 2022, 55, 359-369.	2.2	11
2375	From macromonomers to bottlebrush copolymers with sequence control: synthesis, properties, and applications. Polymer Chemistry, 2022, 13, 2224-2261.	1.9	14
2376	Semiconductor polymer nanoparticles for biological application. , 2022, , .		0
2377	Amphiphilic conjugated block copolymers as NIR-bioimaging probes. Polymer Chemistry, 2022, 13, 2057-2064.	1.9	0
2378	Effect of hydrophilic block end groups and block junction on block copolymer self-assembly in solution. RSC Advances, 2022, 12, 7446-7452.	1.7	3
2379	Reversal of handedness of ionic liquid-based chiral block copolymers <i>via</i> self-assembly in solution and bulk phase. Polymer Chemistry, 2022, 13, 1911-1919.	1.9	0
2380	Increased block copolymer length improves intracellular availability of protein cargo. Polymer Chemistry, 2022, 13, 1901-1910.	1.9	2
2381	Topology-directed multi-tunable self-assembly of linear and tadpole-shaped amorphous-responsive-crystalline terpolymers. Polymer Chemistry, 2022, 13, 1986-1996.	1.9	4

#	ARTICLE	IF	CITATIONS
2382	Deformable, sensible, and reconfigurable microgels with structural color: potential as camouflage soft microrobots. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5070-5078.	2.7	2
2383	Advances in stimuli-responsive and functional thermoplastic elastomers. , 2022, , 353-404.		3
2384	Effect of Phosphotungstic Acid on Self-seeding of Oligo( <i>p</i> -phenylenevinylene)- <i>b</i> -poly(2-vinylpyridine). <i>Acta Chimica Sinica</i> , 2022, 80, 297.	0.5	1
2385	Heterotelechelic homopolymers mimicking high $\chi$ ultralow $N$ block copolymers with sub-2 nm domain size. <i>Chemical Science</i> , 2022, 13, 4019-4028.	3.7	4
2386	Manufacturing polymeric porous capsules. <i>Chemical Communications</i> , 2022, 58, 4409-4419.	2.2	5
2387	White-emitting film of diblock copolymer micelles with perovskite nanocrystals. <i>RSC Advances</i> , 2022, 12, 6389-6395.	1.7	1
2388	Coarse-Grained Model of Thiol-Epoxy-Based Alternating Copolymers in Explicit Solvents. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1830-1841.	1.2	1
2389	Block Copolymer Vesicles with Tunable Membrane Thicknesses and Compositions Prepared by Aqueous Seeded Photoinitiated Polymerization-Induced Self-Assembly at Room Temperature. <i>Langmuir</i> , 2022, 38, 2699-2710.	1.6	12
2390	Polymersomes: Soft Nanoparticles from Miktoarm Stars for Applications in Drug Delivery. <i>Molecular Pharmaceutics</i> , 2022, 19, 1687-1703.	2.3	17
2391	Long-Range Ordered Lamellar Formation with Lower Molecular Weight PS-PMMA Block Copolymers: Significant Effects of Discrete Oligopeptides at the Junction. <i>Macromolecules</i> , 2022, 55, 2148-2159.	2.2	6
2392	Influence of Chain Length of Gradient and Block Copoly(2-oxazoline)s on Self-Assembly and Drug Encapsulation. <i>Small</i> , 2022, 18, e2106251.	5.2	15
2393	Controlling Polymeric Supramolecular Microstructures through Host-Guest Interactions Assisted with Ultrasound Oscillation. <i>Crystal Growth and Design</i> , 2022, 22, 2087-2096.	1.4	1
2395	End Group Dye-Labeled Polycarbonate Block Copolymers for Micellar (Immuno)Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200095.	2.0	9
2396	Tunable Adhesion and Interfacial Structure of Layer-by-Layer Assembled Block copolymer Micelle and Polyelectrolyte Coatings. <i>Advanced Materials Interfaces</i> , 0, , 2200065.	1.9	3
2397	PS- <i>b</i> -PMMA templated ITO electrodes for improving the performance of non-fullerene organic photovoltaics. <i>Organic Electronics</i> , 2022, , 106511.	1.4	0
2398	Morphological Diversity from the Solution Self-Assembly of Block Copolymer Blends Containing High Molecular-Weight Hydrophobic Blocks. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100893.	2.0	3
2399	In situ monitoring of photo-PISA via aggregation-induced emission (AIE) technology. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	1
2400	Nanostructured Ionic Separator Formed by Block Copolymer Self-Assembly: A Gateway for Alleviating Concentration Polarization in Batteries. <i>Macromolecules</i> , 2022, 55, 2787-2796.	2.2	3

#	ARTICLE	IF	CITATIONS
2401	Hierarchical Shape-Specified Model Polymer Nanoparticles via Copolymer Sequence Control. <i>Macromolecules</i> , 2022, 55, 1957-1969.	2.2	8
2403	Synthesis and self-assembly of amphiphilic diblock polycarbonates with various pendant hydrophilic groups. <i>Polymer</i> , 2022, 244, 124664.	1.8	6
2404	Real-time Fluorescent Monitoring of Kinetically Controlled Supramolecular Self-Assembly of Atom-Precise Cu <sub>8</sub> Nanocluster. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
2406	Native Chemical Ligation: Ultrafast Synthesis of Block Copolymers. <i>Macromolecules</i> , 0, , .	2.2	4
2407	Real-time Fluorescent Monitoring of Kinetically Controlled Supramolecular Self-Assembly of Atom-Precise Cu <sub>8</sub> Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	32
2408	Synthesis of enzyme-responsive theranostic amphiphilic conjugated bottlebrush copolymers for enhanced anticancer drug delivery. <i>Acta Biomaterialia</i> , 2022, 144, 15-31.	4.1	10
2409	Thin film block copolymer self-assembly for nanophotonics. <i>Nanotechnology</i> , 2022, 33, 292001.	1.3	15
2410	Thermo- and pH-responsive PEOGMA-b-PDMAEMA-b-POEGMA triblock copolymers. <i>European Polymer Journal</i> , 2022, 167, 111069.	2.6	2
2411	Oxidation-responsive framboidal triblock copolymer vesicles prepared by photoinitiated RAFT seeded emulsion polymerization. <i>Chinese Chemical Letters</i> , 2023, 34, 107344.	4.8	13
2413	Self-Assembly of Gel-Like Particles and Vesicles in Solutions of Polymers with Amphiphilic Repeat Unit. <i>Polymer Science - Series A</i> , 2022, 64, 220-231.	0.4	1
2414	In Situ Synthesis of Lipid Analogues Leading to Artificial Cell Growth and Division. <i>ChemSystemsChem</i> , 0, , .	1.1	1
2415	Cation Bulk and p <i>K<sub>a</sub></i> Modulate Diblock Polymer Micelle Binding to pDNA. <i>ACS Macro Letters</i> , 2022, 11, 588-594.	2.3	7
2416	Preparation of holmium doped paramagnetic photoluminescence composite colloidal polymer particles through coordination induced self-assembly. <i>Composites Communications</i> , 2022, 31, 101118.	3.3	1
2417	Tailor made synthesis of water-soluble polythiophene-graft-poly(caprolactone-block-dimethylaminoethyl methacrylate) copolymer and their pH tunable self-assembly and optoelectronic properties. <i>European Polymer Journal</i> , 2022, 168, 111124.	2.6	7
2418	Self-Assembly of Copolymers Containing Crystallizable Blocks: Strategies and Applications. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200071.	2.0	15
2419	Glass Transition Temperatures of Copolymers: Molecular Origins of Deviation from the Linear Relation. <i>Macromolecules</i> , 2022, 55, 3189-3200.	2.2	20
2420	Self-assembly of Li single-ion-conducting block copolymers for improved conductivity and viscoelastic properties. <i>Electrochimica Acta</i> , 2022, 413, 140126.	2.6	11
2421	Fouling-Resistant Membranes with Tunable Pore Size Fabricated Using Cross-Linkable Copolymers with High Zwitterion Content. , 2022, 2, 100019.		3

#	ARTICLE	IF	CITATIONS
2422	Driving forces and molecular interactions in the self-assembly of block copolymers to form fiber-like micelles. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	11
2423	Influence of amino acids on the aggregation behavior and drug solubilization of branched block copolymers. <i>Journal of Molecular Liquids</i> , 2022, 356, 119011.	2.3	5
2424	In-depth probing of thermally-driven phase separation behavior of lamella-forming PS-b-PMMA films by infrared nanoscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121095.	2.0	4
2425	Periodical amphiphilic surface with chemical patterning for micelles immobilization and analysis. <i>Applied Surface Science</i> , 2022, 586, 152833.	3.1	0
2426	Sustainable synthesis of ordered mesoporous materials without additional solvents. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 116-122.	5.0	7
2427	Thermoresponsive SERS Nanocapsules Constructed by Linear-Dendritic Poly(urea/malonamide) for Tunable Biomolecule Detection. <i>ACS Applied Polymer Materials</i> , 2022, 4, 240-249.	2.0	5
2428	Morphology and Degradation of Multicompartment Microparticles Based on Semi-Crystalline Polystyrene-block-Polybutadiene-block-Poly(L-lactide) Triblock Terpolymers. <i>Polymers</i> , 2021, 13, 4358.	2.0	3
2429	Observation of Liquid-Liquid Phase Separation and Vesicle Spreading during Supported Bilayer Formation via Liquid-Phase Transmission Electron Microscopy. <i>Nano Letters</i> , 2021, 21, 10325-10332.	4.5	15
2430	Crystallization-driven self-assembly of semicrystalline block copolymers and end-functionalized polymers: A minireview. <i>Journal of Polymer Science</i> , 2022, 60, 2136-2152.	2.0	7
2431	Oxygen Reduction Reaction of Block Copolymer Template-Directed Porous Carbon Catalysts. <i>ACS Applied Energy Materials</i> , 2022, 5, 897-914.	2.5	4
2432	Amphiphilic Random-Block Copolymer Micelles in Water: Precise and Dynamic Self-Assembly Controlled by Random Copolymer Association. <i>Macromolecules</i> , 2022, 55, 178-189.	2.2	16
2433	Nanostructured dimethacrylate-based photopolymerizable systems by modification with diblock copolymers. <i>Polymer</i> , 2021, 237, 124360.	1.8	2
2434	Understanding on the Surfactants Engineered Morphology Evolution of Block Copolymer Particles and Their Precise Mesoporous Silica Replicas. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 99-106.	1.3	3
2435	Janus Photonic Microspheres with Bridged Lamellar Structures via Droplet-Confined Block Copolymer Co-Assembly. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
2436	Dynamic Glycopeptide Dendrimers: Synthesis and Their Controllable Self-Assembly into Varied Glyco-Nanostructures for the Biomimicry of Glycans. <i>Biomacromolecules</i> , 2022, 23, 128-139.	2.6	11
2437	Morphological transitions of micelles induced by the block arrangements of copolymer blocks: dissipative particle dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10757-10764.	1.3	2
2438	Uniform, length-tunable antibacterial 1D diblock copolymer nanofibers. <i>Polymer Chemistry</i> , 2022, 13, 2941-2949.	1.9	8
2439	Single-component nanodiscs via the thermal folding of amphiphilic graft copolymers with the adjusted flexibility of the main chain. <i>Chemical Science</i> , 2022, 13, 5243-5251.	3.7	8

#	ARTICLE	IF	CITATIONS
2440	Mesoporous carbons from self-assembled polymers. <i>Journal of Polymer Science</i> , 2022, 60, 2015-2042.	2.0	11
2441	Recent Advancement of Polymersomes as Drug Delivery Carrier. <i>Current Pharmaceutical Design</i> , 2022, 28, 1621-1631.	0.9	1
2442	How does Micro & Macro-Phase Separation of Block Copolymers Affect the Formation of Integral Asymmetric Isoporous Membranes? A Review on Effective Factors. <i>Macromolecular Materials and Engineering</i> , 0, , 2200084.	1.7	4
2443	Lateral growth of cylinders. <i>Nature Communications</i> , 2022, 13, 2170.	5.8	15
2444	Conformational Transition and Interchain Association of Hypergraft HB-PS- <i>g</i> -P <i>t</i> BA Copolymer Chains with Varied Copolymer Compositions and Block Lengths in a Selective Solvent. <i>Macromolecules</i> , 0, , .	2.2	3
2445	Membrane-Bound Inward-Growth of Artificial Cytoskeletons and Their Selective Disassembly. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
2446	Membrane-Bound Inward-Growth of Artificial Cytoskeletons and Their Selective Disassembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	1
2447	The Limited Palette for Photonic Block-Copolymer Materials: A Historical Problem or a Practical Limitation?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202117275.	7.2	10
2448	Polypyrrole Cubosomes with Ordered Ultralarge Mesopore for Controllable Encapsulation and Release of Albumin. <i>Nano Letters</i> , 2022, 22, 3685-3690.	4.5	8
2449	Supramolecularly cross-linked nanoassemblies of self-immolative polyurethane from recycled plastic waste: high encapsulation stability and the triggered release of guest molecules. <i>Polymer Chemistry</i> , 2022, 13, 3294-3303.	1.9	11
2450	The effects of molecular weight dispersity on block copolymer self-assembly. <i>Polymer Chemistry</i> , 2022, 13, 3444-3450.	1.9	7
2451	Polymersomes: From Macromolecular Self-Assembly to Particle Assembly <sup>â€</sup> . <i>Chinese Journal of Chemistry</i> , 2022, 40, 1842-1855.	2.6	17
2452	The Limited Palette for Photonic Block-Copolymer Materials: A Historical Problem or a Practical Limitation?. <i>Angewandte Chemie</i> , 0, , .	1.6	4
2453	Structural Evolution of a Polystyrene-Block-Poly(Ethylene Oxide) Block Copolymer in Tetrahydrofuran/Water Cosolvents. <i>Langmuir</i> , 2022, 38, 5987-5995.	1.6	3
2454	Modular super-assembly of hierarchical superstructures from monomicelle building blocks. <i>Science Advances</i> , 2022, 8, eabo0283.	4.7	23
2455	Molecular Geometry-Directed Self-Recognition in the Self-Assembly of Giant Amphiphiles. <i>Macromolecular Rapid Communications</i> , 2022, , 2200216.	2.0	1
2456	Coarse-grained Dynamics Simulation in Polymer Systems: from Structures to Material Properties. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 653-670.	1.3	5
2457	Polymer-Regulated SnO <sub>2</sub> Composites Electron Transport Layer for High-Efficiency n-i-p Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	3.1	16

#	ARTICLE	IF	CITATIONS
2458	The influence of the functional end groups on the properties of polylactide-based materials. <i>Progress in Polymer Science</i> , 2022, 130, 101556.	11.8	25
2459	Hybrid Nanoscale Vesicles of Polyhedral Oligomeric Silsesquioxane-Based Star Block Copolymers for Thermal Insulation Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 7042-7050.	2.4	9
2460	Customizable nano-sized colloidal tetrahedra by polymerization-induced particle self-assembly (PIPA). <i>Polymer Chemistry</i> , 2022, 13, 3529-3538.	1.9	2
2461	Aldehyde-functional thermoresponsive diblock copolymer worm gels exhibit strong mucoadhesion. <i>Chemical Science</i> , 2022, 13, 6888-6898.	3.7	12
2462	Ionic Self-Assembly of Dendrimers. , 2022, , 85-118.		3
2463	Formation of ultrathin scarf-like micelles, ultrathin disk-like micelles and spherical micelles by self-assembly of polyurethane diblock copolymers. <i>Journal of Molecular Liquids</i> , 2022, 360, 119466.	2.3	4
2464	Interlocking Effect for Designing Biodegradable Nanorods with Controlled Lateral Surface Curvature. <i>Chemistry of Materials</i> , 2022, 34, 4937-4945.	3.2	6
2465	Hydrophobic cargo loading at the core-corona interface of uniform, length-tunable aqueous diblock copolymer nanofibers with a crystalline polycarbonate core. <i>Polymer Chemistry</i> , 2022, 13, 4100-4110.	1.9	7
2466	Quantitative analysis of biomolecule release from polystyrene-block-polyethylene oxide thin films. <i>Soft Matter</i> , 0, , .	1.2	0
2467	Polystyrene-b-poly (acrylic acid) nanovesicles coated by modified chitosans for encapsulation of minoxidil. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	5
2468	Modulation of the Complex Spherical Packings through Rationally Doping a Discrete Homopolymer into a Discrete Block Copolymer: A Quantitative Study. <i>Macromolecules</i> , 2022, 55, 4331-4340.	2.2	16
2469	Dually Responsive Poly(N-vinylcaprolactam)-b-poly(dimethylsiloxane)-b-poly(N-vinylcaprolactam) Polymersomes for Controlled Delivery. <i>Molecules</i> , 2022, 27, 3485.	1.7	6
2470	Advanced unconventional techniques for sub-100-nm nanopatterning. <i>Informa Materials</i> , 2022, 4, .	8.5	6
2471	Facile and Fast Interfacial Engineering Using a Frustrated Interfacial Self-Assembly of Block Copolymers for Sub-10-nm Block Copolymer Nanopatterning. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	5
2472	Architectural Design and Additive Manufacturing of Mechanical Metamaterials: A Review. <i>Engineering</i> , 2022, 17, 44-63.	3.2	44
2473	A hypothermia-sensitive micelle with controlled release of hydrogen sulfide for protection against anoxia/reoxygenation-induced cardiomyocyte injury. <i>European Polymer Journal</i> , 2022, 175, 111325.	2.6	5
2474	ABC-type Bolaform Giant Surfactants: Synthesis and Self-Assembly. <i>Macromolecular Rapid Communications</i> , 0, , 2200319.	2.0	1
2475	Nanostructured block copolymer muscles. <i>Nature Nanotechnology</i> , 2022, 17, 752-758.	15.6	53



#	ARTICLE	IF	CITATIONS
2476	Polymerization-induced self-assembly and disassembly during the synthesis of thermoresponsive ABC triblock copolymer nano-objects in aqueous solution. <i>Chemical Science</i> , 2022, 13, 7295-7303.	3.7	7
2477	Predicting aggregate morphology of sequence-defined macromolecules with recurrent neural networks. <i>Soft Matter</i> , 2022, 18, 5037-5051.	1.2	18
2478	A block copolymer templated approach for the preparation of nanoporous polymer structures and cellulose fiber hybrids by ozone treatment. <i>Polymer Chemistry</i> , 0, , .	1.9	0
2479	Exploration of the modification-induced self-assembly (MISA) technique and the preparation of nano-objects with a functional poly(acrylic acid) core. <i>Polymer Chemistry</i> , 2022, 13, 4186-4197.	1.9	2
2480	Investigation of eight-arm tapered star copolymers prepared by anionic copolymerization and coupling reaction. <i>Polymer Chemistry</i> , 0, , .	1.9	3
2481	Block Co-PolyMOC Micelles and Structural Synergy as Composite Nanocarriers. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 30546-30556.	4.0	1
2482	Synthesis of Amphiphilic Diblock Poly-amido-saccharides and Self-Assembly of Polymeric Nanostructures. <i>Macromolecules</i> , 2022, 55, 5675-5684.	2.2	4
2483	Polymer Vesicles in a Nanochannel under Flow Fields: A DPD Simulation Study. <i>Macromolecular Theory and Simulations</i> , 2022, 31, .	0.6	8
2484	(Bio)degradable and Biocompatible Nano-Objects from Polymerization-Induced and Crystallization-Driven Self-Assembly. <i>Biomacromolecules</i> , 2022, 23, 3043-3080.	2.6	24
2485	Asymmetric Living Supramolecular Polymerization: Precise Fabrication of One-handed Helical Supramolecular Polymers. <i>Angewandte Chemie</i> , 0, , .	1.6	2
2486	Asymmetric Living Supramolecular Polymerization: Precise Fabrication of One-handed Helical Supramolecular Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
2487	Designing Nanostructured 3D Printed Materials by Controlling Macromolecular Architecture. <i>Angewandte Chemie</i> , 0, , .	1.6	0
2488	Designing Nanostructured 3D Printed Materials by Controlling Macromolecular Architecture. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
2489	Better colloidal lithography: Tilt-rotate evaporation overcomes the limits of plasma etching. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, 043210.	0.9	1
2490	Exploring the topological effect of linear and cyclic macroCTAs during polymerization-induced self-assembly (PISA). , 2022, 52, 1.		1
2491	Synthesis of block copolymers containing 3-chloro-2-hydroxypropyl methacrylate by NMP – a versatile platform for functionalization. <i>Polymer Chemistry</i> , 2022, 13, 4421-4435.	1.9	1
2492	Biocides and techniques for their encapsulation: a review. <i>Soft Matter</i> , 2022, 18, 5340-5358.	1.2	6
2493	DNA Sequence and Length Dictate the Assembly of Nucleic Acid Block Copolymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 12272-12279.	6.6	20

#	ARTICLE	IF	CITATIONS
2494	On the Ternary Ohtaâ€“Kawasaki Free Energy and Its One-dimensional Global Minimizers. <i>Journal of Nonlinear Science</i> , 2022, 32, .	1.0	3
2495	Reverse Sequence Polymerizationâ€“Induced Selfâ€“Assembly in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
2496	Ethyleneâ€“Coordinative Chainâ€“Transfer Polymerizationâ€“Induced Selfâ€“Assembly (CCTPISA). <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	8
2497	Reverse Sequence Polymerizationâ€“Induced Selfâ€“Assembly in Aqueous Media. <i>Angewandte Chemie</i> , 0, , .	1.6	0
2498	Oxidation-Sensitive Supramolecular Polymer Nanocylinders. <i>Macromolecules</i> , 2022, 55, 6167-6175.	2.2	2
2499	How multiple noncovalent interactions regulate the aggregation behavior of amphiphilic triblock copolymer/surface-active ionic liquid mixtures. <i>Journal of Molecular Liquids</i> , 2022, 363, 119856.	2.3	6
2500	Three decoupled, second-order accurate, and energy stable schemes for the conserved Allenâ€“Cahn-type block copolymer (BCP) model. <i>Numerical Algorithms</i> , 2023, 92, 1233-1259.	1.1	3
2501	Salt Counterion Valency Controls the Ionization and Morphology of Weak Polyelectrolyte Miktoarm Stars. <i>Macromolecules</i> , 2022, 55, 6247-6259.	2.2	2
2502	Polymerization-Induced Self-Assembly Toward Micelle-Crosslinked Tough and Ultrastretchable Hydrogels. <i>Chemistry of Materials</i> , 2022, 34, 6408-6419.	3.2	19
2503	Nanomicelles Array for Ultrahighâ€“Density Data Storage. <i>Small</i> , 2022, 18, .	5.2	6
2504	Discrete Giant Polymeric Chain with Precise Sequence and Regio-configuration: A Concise Multiblock Model System. <i>Macromolecules</i> , 2022, 55, 5954-5963.	2.2	6
2505	Lipidâ€“Headâ€“Polymerâ€“Tail Chimeric Vesicles. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	2.0	2
2506	A Versatile 3Dâ€“Confined Selfâ€“Assembly Strategy for Anisotropic and Ordered Mesoporous Carbon Microparticles. <i>Advanced Science</i> , 2022, 9, .	5.6	15
2507	Bioinspired poly(cation- $\pi$ ) micelles drug delivery platform for improving chemotherapy efficacy. <i>Journal of Controlled Release</i> , 2022, 349, 486-501.	4.8	6
2508	Co-Assembly of Diblock Copolymers and Molecular Bottlebrushes. <i>Macromolecules</i> , 0, , .	2.2	3
2509	Delivering the Promise of Gene Therapy with Nanomedicines in Treating Central Nervous System Diseases. <i>Advanced Science</i> , 2022, 9, .	5.6	19
2510	Dynamic Coassembly of Amphiphilic Block Copolymer and Polyoxometalates in Dual Solvent Systems: An Efficient Approach to Heteroatom-Doped Semiconductor Metal Oxides with Controllable Nanostructures. <i>ACS Central Science</i> , 2022, 8, 1196-1208.	5.3	9
2511	Facile synthesis of monocyclic, dumbbell-shaped and jellyfish-like copolymers using a telechelic multisite hexablock copolymer. <i>Polymer Chemistry</i> , 2022, 13, 4953-4965.	1.9	7

#	ARTICLE	IF	CITATIONS
2512	Hyperbranched<i>vs.</i>linear poly(disulfide) for intracellular drug delivery. <i>Polymer Chemistry</i> , 2022, 13, 5188-5192.	1.9	7
2513	Micellar drug delivery vehicles formed from amphiphilic block copolymers bearing photo-cross-linkable cyclopentenone side groups. <i>Polymer Chemistry</i> , 2022, 13, 4832-4847.	1.9	4
2514	Fabrication of diverse multicompartiment micelles by redispersion of triblock terpolymer bulk morphologies. <i>Nanoscale</i> , 0, , .	2.8	0
2515	Aggregate behavior in amphiphilic coil/rod block copolymer solutions. <i>Chemical Physics</i> , 2022, 563, 111663.	0.9	1
2516	The Promise of Softâ€Matterâ€Enabled Quantum Materials. <i>Advanced Materials</i> , 2023, 35, .	11.1	4
2517	Morphology Control via RAFT Emulsion Polymerization-Induced Self-Assembly: Systematic Investigation of Core-Forming Blocks. <i>ACS Omega</i> , 2022, 7, 26894-26904.	1.6	3
2518	Highâ€Performance Flexible Sulfur Cathodes with Robust Electrode Skeletons Built by a Hierarchical Selfâ€Assembling Slurry. <i>Advanced Science</i> , 2022, 9, .	5.6	5
2519	Poly(2â€(dimethylamino) ethyl methacrylate)â€poly(lauryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 micelles as drug delivery carriers for curcumin. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	5
2520	Highâ€Throughput Generation of 3D Graphene Metamaterials and Property Quantification Using Machine Learning. <i>Small Methods</i> , 2022, 6, .	4.6	12
2521	Helical supramolecular nanorods via sequential meticulous tailoring of noncovalent interaction and light irradiation. <i>Science China Chemistry</i> , 0, , .	4.2	3
2522	Hydrocarbon-Based Statistical Copolymers Outperform Block Copolymers for Stabilization of Ethanolâ€Water Foams. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 39548-39559.	4.0	7
2523	Nanobowls from Amphiphilic Coreâ€Shell Cyclic Bottlebrush Polymers. <i>Macromolecules</i> , 2022, 55, 7446-7453.	2.2	5
2524	Triblock copolymer micelle model of spherical paraspeckles. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	9
2525	Intrinsically fluorescent polyureas toward conformation-assisted metamorphosis, discoloration and intracellular drug delivery. <i>Nature Communications</i> , 2022, 13, .	5.8	18
2526	Polymerisationâ€Induced Selfâ€Assembly of Graft Copolymers. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
2527	Poly(ionic liquid) Gating Materials for High-Performance Organic Thin-Film Transistors: The Role of Block Copolymer Self-Assembly at the Semiconductor Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 0, , .	4.0	2
2528	Regioisomeric Giant Triblock Molecules: Role of the Linker. <i>Macromolecular Rapid Communications</i> , 2023, 44, .	2.0	1
2529	Rapid Access to Diverse Multicomponent Hierarchical Nanostructures from Mixedâ€Graft Block Copolymers. <i>Angewandte Chemie</i> , 0, , .	1.6	0

#	ARTICLE	IF	CITATIONS
2530	Impact of aromatic residues on the intrinsic disorder and transitional behaviour of model IDPs. <i>Materials Today Bio</i> , 2022, 16, 100400.	2.6	0
2531	Unusual Self-Assembly of Amphiphilic Block Copolymer Blends Induced by Control of Hydrophobic Interaction. <i>Journal of Physical Chemistry B</i> , 2022, 126, 6511-6519.	1.2	2
2532	Engineering Programmable DNA Particles and Capsules Using Catechol-Functionalized DNA Block Copolymers. <i>Chemistry of Materials</i> , 2022, 34, 7468-7480.	3.2	9
2533	Conjugated Block Copolymers for Functional Nanostructures. <i>Accounts of Chemical Research</i> , 2022, 55, 2224-2234.	7.6	22
2534	Electrospinning of 1D Fiber-Like Block Copolymer Micelles with a Crystalline Core. <i>Macromolecular Chemistry and Physics</i> , 0, , 2200151.	1.1	1
2535	Polymerisation-Induced Self-Assembly of Graft Copolymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
2536	Rapid Access to Diverse Multicomponent Hierarchical Nanostructures from Mixed-Graft Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	3
2537	Soft materials evolution and revolution. <i>Nature Materials</i> , 2022, 21, 986-988.	13.3	8
2538	Discrete Diblock Copolymers with Tailored Conformational Asymmetry: A Precise Model Platform to Explore Complex Spherical Phases. <i>Macromolecules</i> , 2022, 55, 7013-7022.	2.2	15
2539	Dynamics and Equilibration Mechanisms in Block Copolymer Particles. <i>ACS Polymers Au</i> , 2022, 2, 397-416.	1.7	13
2540	(PVDF) <sub>2</sub> (PEO) <sub>2</sub> miktoarm star copolymers: Synthesis and isothermal crystallization leading to exclusive I <sup>2</sup> -phase formation. <i>European Polymer Journal</i> , 2022, 179, 111506.	2.6	7
2541	Coassembled Nitric Oxide-Releasing Nanoparticles with Potent Antimicrobial Efficacy against Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Strains. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 37369-37379.	4.0	1
2542	Micellization, aggregation, and gelation of polystyrene-block-poly(ethylene oxide) in cosolvents added with hydrochloric acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 652, 129857.	2.3	0
2543	The Effect of Topology on Block Copolymer Nanoparticles: Linear versus Star Block Copolymers in Toluene. <i>Polymers</i> , 2022, 14, 3691.	2.0	4
2544	Hierarchical Self-Assembly of Triphilic Main-Chain-Type Semifluorinated Alternating Graft Copolymers in Aqueous Solution. <i>Macromolecular Rapid Communications</i> , 2023, 44, .	2.0	1
2545	Zwitterionic nano-objects having functionalizable hydrophobic core: Formation via polymerization-induced self-assembly and their morphology. <i>European Polymer Journal</i> , 2022, 179, 111536.	2.6	2
2546	Large-area homoporous membranes (HOMEs) enabled by multiple annealing. <i>Journal of Membrane Science</i> , 2022, 662, 121021.	4.1	2
2547	PentaFluoroStyrene-based block copolymers controlled self-assembly pattern: A platform paving the way to functional block copolymers. <i>European Polymer Journal</i> , 2022, 179, 111560.	2.6	1

#	ARTICLE	IF	CITATIONS
2548	Thermodynamics incompatibility-driven covalent crosslinking network in situ phase separation from biomimetic design. <i>Polymer</i> , 2022, 258, 125335.	1.8	0
2549	Tailored architectures of mesoporous carbon nanostructures: From synthesis to applications. <i>Nano Today</i> , 2022, 46, 101607.	6.2	16
2550	Block copolymer nanopatterns affect cell spreading: Stem versus cancer bone cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 219, 112774.	2.5	1
2551	Recent advances in the self-assembly of sparsely grafted amphiphilic copolymers in aqueous solution. <i>Polymer Chemistry</i> , 2022, 13, 6343-6360.	1.9	11
2552	Polymersomes as versatile drug delivery vesicular carriers. , 2022, , 155-190.		0
2553	Nucleobase-containing polymer architectures controlled by supramolecular interactions: the key to achieve biomimetic platforms with various morphologies. <i>Polymer Chemistry</i> , 2022, 13, 5798-5810.	1.9	2
2554	High- $\zeta$ , low- $N$ micelles from partially perfluorinated block polymers. <i>Soft Matter</i> , 2022, 18, 7917-7930.	1.2	1
2555	Gradient copolymers versus block copolymers: self-assembly in solution and surface adsorption. <i>Soft Matter</i> , 2022, 18, 6538-6549.	1.2	2
2556	An efficient synthesis of the inimer gamma-(2-bromo-2-methylpropionate)-epsilon-caprolactone (BMPCL). <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 683-688.	2.1	2
2557	Micellization: A new principle in the formation of biomolecular condensates. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	8
2558	Amphiphilic Janus Magnetoplasmonic Nanoparticles: pH-Triggered Self-Assembly and Fluorescence Modulation. <i>Journal of Physical Chemistry C</i> , 2022, 126, 14967-14975.	1.5	3
2559	Chain Redistribution Stabilizes Coexistence Phases in Block Copolymer Blends. <i>ACS Nano</i> , 2022, 16, 17107-17115.	7.3	10
2560	Photoexcitation-Based Supramolecular Access to Full-Scale Phase-Diagram Structures through in situ Phase-Volume Ratio Phototuning. <i>Angewandte Chemie</i> , 0, , .	1.6	0
2561	Photoexcitation-Based Supramolecular Access to Full-Scale Phase-Diagram Structures through in situ Phase-Volume Ratio Phototuning. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8
2562	Tailoring Polymer-Based Nanoassemblies for Stimuli-Responsive Theranostic Applications. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	5
2563	Rotor orientation direction controls geometric curvature and chirality for assemblies of motor amphiphiles in water. <i>Aggregate</i> , 2023, 4, .	5.2	4
2564	Single-Chain Polymer Nanoparticles for Addressing Morphologies and Functions at the Nanoscale: A Review. <i>ACS Applied Nano Materials</i> , 2022, 5, 13985-13997.	2.4	17
2565	Mesoporous Phenolic/POSS Hybrids Induced by Microphase Separation Arising from Competitive Hydrogen Bonding Interactions. <i>Macromolecules</i> , 2022, 55, 8918-8930.	2.2	8

#	ARTICLE	IF	CITATIONS
2566	Solution-Phase Synthesis of DNA Amphiphiles for DNA Micellar Assembly. <i>Bioconjugate Chemistry</i> , 2023, 34, 85-91.	1.8	0
2567	Stabilizing Entropically Driven Self-Assembly of Self-Immolative Polyurethanes in Water: A Strategy for Tunable Encapsulation Stability and Controlled Cargo Release. <i>ACS Applied Polymer Materials</i> , 2022, 4, 7614-7625.	2.0	6
2568	Self-Assembly of Matchstick-Shaped Inorganic Nano-Surfactants with Controlled Surface Amphiphilicity. <i>Jacs Au</i> , 2022, 2, 2307-2315.	3.6	6
2569	Poly( $\epsilon$ -Caprolactone) Substrates with Micro/Nanhierarchical Patterned Structures for Cell Culture. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	0
2570	Precise and Controllable Assembly of Block Copolymers. <i>Chinese Journal of Chemistry</i> , 2023, 41, 93-110.	2.6	8
2571	Hydrophobic Solute Encapsulation by Amphiphilic Mikto-Grafted Bottlebrushes: A Dissipative Particle Dynamics Study. <i>ACS Applied Polymer Materials</i> , 2022, 4, 7340-7351.	2.0	5
2572	Emulsion confined block copolymer self-assembly: Recent progress and prospect. <i>Nano Research</i> , 2023, 16, 564-582.	5.8	12
2573	Cellodextrin Phosphorylase-Catalyzed Single-Process Production and Superior Mechanical Properties of Organic-Inorganic Hybrid Hydrogels Composed of Surface-Carboxylated Synthetic Nanocelluloses and Hydroxyapatite. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 13484-13494.	3.2	7
2574	Efficient Creation and Morphological Analysis of ABC Triblock Terpolymer Libraries. <i>Macromolecules</i> , 2022, 55, 8875-8882.	2.2	7
2575	Smartphone-Enabled Platform for Direct Recognition of the Morphology of Copolymer Nano-Objects during Polymerization-Induced Self-Assembly. <i>ACS Applied Polymer Materials</i> , 2022, 4, 8073-8082.	2.0	0
2576	Role of Competitive Crystallization Kinetics in the Formation of 2D Platelets with Distinct Coronal Surface Patterns via Seeded Growth. <i>Journal of the American Chemical Society</i> , 2022, 144, 19051-19059.	6.6	14
2577	Versatile Electrospinning for Structural Designs and Ionic Conductor Orientation in All-Solid-State Lithium Batteries. <i>Electrochemical Energy Reviews</i> , 2022, 5, .	13.1	21
2578	Synthesis and properties of ABA type triblock copolymer from poly(dimethylsiloxane) macroinitiator: Development of novel attachable initiators for atom transfer radical polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 0, , 1-12.	1.2	0
2579	The Impact of Polymer Architecture on Polyion Complex (PIC) Micelles: When Topology Matters (and) Tj ETQq1 1 0,784314 rgBT /Overd	1.1	1
2580	pH-responsive crosslinked vesicles and micelles based on poly(2-ethyl-2-oxazoline-b-4-vinylpyridine). <i>European Polymer Journal</i> , 2022, 180, 111598.	2.6	1
2581	Synthesis of poly(3-hexylthiophene)-block-poly(phenylisocyanide) copolymers and their self-assembly in solution. <i>Polymer Chemistry</i> , 2022, 13, 6361-6368.	1.9	1
2582	Influence of Carbohydrates Covalently Bonded with Lignin on Solvent Fractionation, Thermal Properties, and Nanoparticle Formation of Lignin. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 14588-14599.	3.2	10
2583	Encapsulation of Nanoparticles into Preformed Block Copolymer Micelles Driven by Competitive Solvation: Experimental Studies and Molecular Dynamic Simulations. <i>Macromolecules</i> , 2022, 55, 9612-9626.	2.2	1

#	ARTICLE	IF	CITATIONS
2584	Hierarchical Design Strategies to Produce Internally Structured Nanofibers. <i>Polymer Reviews</i> , 2023, 63, 679-714.	5.3	1
2585	Translating controlled release systems from biomedicine to agriculture. , 0, 1, .		4
2586	Solution and Solid-State Behavior of Amphiphilic ABA Triblock Copolymers of Poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td (	2.2	1
2587	Uniform ĩ€â€Conjugatedâ€Coâ€Oligomerâ€Based Nanofibers of Controlled Length with Nearâ€Infrared Emission, Photodynamic and Photothermal Activities. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	5
2588	Block Copolymer Selfâ€Assembly Directed Synthesis of Porous Materials with Ordered Bicontinuous Structures and Their Potential Applications. <i>Advanced Materials</i> , 2023, 35, .	11.1	30
2589	Kinetic network models to study molecular self-assembly in the wake of machine learning. <i>MRS Bulletin</i> , 2022, 47, 958-966.	1.7	7
2590	Exploiting the lower disorder-to-order temperature in polystyrene- <i>b</i> -poly( <i>n</i> - <i>i</i> butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 temperature. <i>Journal of Rheology</i> , 2022, 66, 1305-1318.	1.3	2
2591	Biosurfactants as structure directing agents of porous siliceous materials. <i>Microporous and Mesoporous Materials</i> , 2022, 345, 112279.	2.2	4
2592	Heterogeneous Electrospinning Nanofiber Membranes with pHâ€Regulated Ion Gating for Tunable Osmotic Power Harvesting. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	6
2593	Heterogeneous Electrospinning Nanofiber Membranes with pHâ€Regulated Ion Gating for Tunable Osmotic Power Harvesting. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	8
2594	One-pot hydrolysis/amidoximation and self-assembly to polyamidoxime-based composite hydrogels for high-efficiency uranium capture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 655, 130323.	2.3	6
2595	Fabrication of a robust superhydrophobic coating from the aqueous self-assembly of perfluoropolyether-based triblock copolymers. <i>Progress in Organic Coatings</i> , 2023, 174, 107242.	1.9	1
2596	Amphiphilic Block Copolymers: Their Structures, and Self-Assembly to Polymeric Micelles and Polymersomes as Drug Delivery Vehicles. <i>Polymers</i> , 2022, 14, 4702.	2.0	61
2597	Highly Efficient Production of Nanoporous Block Copolymers with Arbitrary Structural Characteristics for Advanced Membranes. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	3
2598	Proteinâ€Inspired Polymers with Metalâ€Siteâ€Regulated Ordered Conformations. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	2
2599	Highly Efficient Production of Nanoporous Block Copolymers with Arbitrary Structural Characteristics for Advanced Membranes. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	3
2600	Synthesis of poly(lactideâ€ <i>co</i> -glycolide) containing high glycolide contents by ringâ€Opening polymerization as well as their structural characterizations, thermal properties, morphologies, and hydrophilicity. <i>Journal of Applied Polymer Science</i> , 0, , .	1.3	1
2601	Influence of Nanoaggregation Routes on the Structure and Thermal Behavior of Multiple-Stimuli-Responsive Micelles from Block Copolymers of Oligo(ethylene glycol) Methacrylate and the Weak Acid [2-(Hydroxyimino)aldehyde]butyl Methacrylate. <i>Langmuir</i> , 2022, 38, 14371-14386.	1.6	1

#	ARTICLE	IF	CITATIONS
2602	Understanding and Modeling Polymers: The Challenge of Multiple Scales. ACS Polymers Au, 2023, 3, 28-58.	1.7	28
2603	Protein-Inspired Polymers with Metal-Regulated Ordered Conformations. Angewandte Chemie - International Edition, 2023, 62, .	7.2	5
2604	Non-Ionic Surfactant Effects on Innate Pluronic 188 Behavior: Interactions, and Physicochemical and Biocompatibility Studies. International Journal of Molecular Sciences, 2022, 23, 13814.	1.8	8
2605	Topological Nanostructures with Preferred Helicity from Self-Assembly of Block Copolymers via Homochiral Evolution. Macromolecules, 2022, 55, 10356-10365.	2.2	1
2606	Polyphosphinoborane Block Copolymer Synthesis Using Catalytic Reversible Chain-Transfer Dehydropolymerization. Angewandte Chemie - International Edition, 2023, 62, .	7.2	4
2607	Polymerization-induced self-assembly of side-chain liquid crystalline copolymers by dissipative particle dynamics simulation. Polymer, 2023, 264, 125530.	1.8	2
2608	Polyphosphinoborane Block Copolymer Synthesis using Catalytic Reversible Chain Transfer Dehydropolymerization.. Angewandte Chemie, 0, , .	1.6	0
2609	Microwave Irradiation-Assisted Reversible Addition-Fragmentation Chain Transfer Polymerization-Induced Self-Assembly of pH-Responsive Diblock Copolymer Nanoparticles. ACS Omega, 2022, 7, 42711-42722.	1.6	3
2610	Metallo-Supramolecular Rod-Coil Block Copolymer Thin Films for Stretchable Organic Field Effect Transistor Application. Macromolecules, 2022, 55, 10670-10681.	2.2	5
2611	Polymersome-based protein drug delivery - quo vadis?. Chemical Society Reviews, 2023, 52, 728-778.	18.7	28
2612	Supramolecular vesicle engineering by regulating the assembly of shape-persistent aromatic-hydrazone macrocycles. Organic Chemistry Frontiers, 0, , .	2.3	0
2613	Novel ABA block copolymers: preparation, temperature sensitivity, and drug release. RSC Advances, 2022, 13, 129-139.	1.7	5
2614	Improving aqueous solubility of paclitaxel with polysarcosine-b-poly( $\beta$ -benzyl glutamate) nanoparticles. International Journal of Pharmaceutics, 2023, 631, 122501.	2.6	3
2615	Aqueous seeded RAFT polymerization for the preparation of self-assemblies containing nucleobase analogues. Polymer Chemistry, 2022, 14, 71-80.	1.9	2
2616	Engineering discrete synthetic macromolecules for biomedical applications. Nano Today, 2023, 48, 101728.	6.2	9
2617	Microfluidic preparation and optimization of sorafenib-loaded poly(ethylene Terephthalate) / Polyethylene Glycol Interface Science, 2023, 633, 383-395.	5.0	3
2618	Tailored fabrication of quasi-isoporous and double layered $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> thin films and their application in photovoltaic devices. Chemical Engineering Journal, 2023, 455, 140135.	6.6	4
2619	Morphological Transitions in Micelles of Amphiphilic Bottlebrushes upon the Adsorption and Compression at the Liquid Interface. Polymers, 2022, 14, 5076.	2.0	1



#	ARTICLE	IF	CITATIONS
2620	Antimicrobial Nanostructured Assemblies with Extremely Low Toxicity and Potent Activity to Eradicate <i>Staphylococcus Aureus</i> Biofilms. <i>Small</i> , 2023, 19, .	5.2	7
2621	Competitive Registration Fields for The Development of Complex Block Copolymer Structures by A Layer-by-Layer Approach. <i>Small</i> , 2023, 19, .	5.2	2
2622	Synergy of Block Copolymers and Perovskites: Template Growth through Self-Assembly. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 11610-11621.	2.1	6
2623	Nanomaterials as Photocatalysts—Synthesis and Their Potential Applications. <i>Materials</i> , 2023, 16, 193.	1.3	7
2624	Pendant Group Modifications Provide Graft Copolymer Silicones with Exceptionally Broad Thermomechanical Properties. <i>ACS Central Science</i> , 0, , .	5.3	0
2625	Single core and multicore aggregates from a polymer mixture: A dissipative particle dynamics study. <i>Journal of Colloid and Interface Science</i> , 2023, 635, 231-241.	5.0	8
2626	Phase Diagrams of Polymerization-Induced Self-Assembly Are Largely Determined by Polymer Recombination. <i>Polymers</i> , 2022, 14, 5331.	2.0	2
2627	Supra-Amphiphilic Porphyrin Based on Thermoresponsive Poly(N-Isopropylacrylamide-co-2-Acrylamido-2-Methylpropane Sulfonic Acid Sodium) Hydrogels: Synthesis, Characterization and Catalytic Applications. <i>Catalysis Letters</i> , 2023, 153, 3342-3356.	1.4	2
2628	Recent Research Progress of <sup>19</sup> F Magnetic Resonance Imaging Probes: Principle, Design, and Their Application. <i>Macromolecular Rapid Communications</i> , 2023, 44, .	2.0	7
2629	<i>In situ</i> self-assembly of amphiphilic dextran micelles and superparamagnetic iron oxide nanoparticle-loading as magnetic resonance imaging contrast agents. <i>International Journal of Energy Production and Management</i> , 0, , .	1.9	5
2630	<i>In Situ</i> Synthesis of Branched Block Copolymer Assemblies via RAFT Dispersion Polymerization Using Branched Macro-RAFT Agents <sup>†</sup> . <i>Chinese Journal of Chemistry</i> , 2023, 41, 1517-1525.	2.6	5
2631	pH-triggered cancer-targeting polymers: From extracellular accumulation to intracellular release. <i>Nano Research</i> , 2023, 16, 5155-5168.	5.8	9
2632	Regulation of the nanostructures self-assembled from an amphiphilic azobenzene homopolymer: influence of initial concentration and solvent solubility parameter. <i>Soft Matter</i> , 2023, 19, 743-748.	1.2	7
2633	Self-Assembly of Gyroid-Forming Diblock Copolymers under Spherical Confinement. <i>Macromolecules</i> , 2023, 56, 457-469.	2.2	6
2634	Recent advances in the solution self-assembly of polypeptides. <i>Journal of Polymer Science</i> , 2024, 62, 693-706.	2.0	2
2635	PEG-PLGA nanoparticles for encapsulating ciprofloxacin. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
2636	Preparation of Self-Assembled Nanoparticle-Polymer Hybrids from Modified Silica Nanoparticles and Polystyrene-Block-Polyacrylic Acid Vesicles via the Co-Precipitation Method. <i>Polymers</i> , 2023, 15, 444.	2.0	2
2637	Porous thin films with hierarchical structures formed by self-assembly of zwitterionic comb copolymers. <i>Applied Surface Science Advances</i> , 2023, 13, 100361.	2.9	0

#	ARTICLE	IF	CITATIONS
2638	Lactate and glucose responsive boronic acid-substituted amphiphilic block copolymer nanoparticles of high aspect ratio. <i>European Polymer Journal</i> , 2023, 185, 111819.	2.6	2
2639	Surfactant Mediated Microphase Separation in Miscible Block Copolymer of Poly(4-vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 897-904.	2.0	1
2640	<i>Nanomaterials.</i> , 2023, , 71-122.		0
2641	Understanding Interfacial Block Copolymer Structure and Dynamics. <i>Macromolecules</i> , 2023, 56, 762-771.	2.2	4
2642	Supramolecular Nanofibers via Protrusion Budding Interfacial Membrane. <i>Soft Matter</i> , 0, , .	1.2	0
2643	Alginate Based Micelle in Biomedical Applications. , 2023, , 155-177.		0
2644	Scalable Preparation of Cylindrical Block Copolymer Micelles with a Liquid-Crystalline Perfluorinated Core by Photoinitiated Reversible Addition-Fragmentation Chain Transfer Dispersion Polymerization. <i>Macromolecules</i> , 2023, 56, 440-447.	2.2	8
2645	Control of microphase-separated structures by tuning the functional groups and the degree of modification for a single block copolymer. <i>Polymer Chemistry</i> , 0, , .	1.9	0
2646	Electrostatic crosslinking-enabled highly asymmetric lamellar nanostructures of polyzwitterionic block copolymers for lithography. <i>Nanoscale</i> , 2023, 15, 4553-4560.	2.8	3
2647	Tuning Pre-Solution of an Amphiphilic Polymeric Dispersant with Low Acid-Value toward Colored-Ink Preparation. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1834.	1.3	1
2648	Imaging Block-Selective Copolymer Solvation. <i>Journal of the American Chemical Society</i> , 2023, 145, 2058-2063.	6.6	1
2649	Uniform Two-Dimensional Crystalline Platelets with Tailored Compositions for pH Stimulus-Responsive Drug Release. <i>Biomacromolecules</i> , 2023, 24, 1032-1041.	2.6	7
2650	Control of Diblock Copolyelectrolyte Morphology through Electric Field Application. <i>Macromolecules</i> , 2023, 56, 1065-1076.	2.2	6
2651	Progress in aqueous dispersion RAFT PISA. <i>European Polymer Journal</i> , 2023, 188, 111848.	2.6	7
2653	A general synthetic method towards conjugated microporous polymers with ordered bicontinuous mesostructures. <i>Chemical Communications</i> , 2023, 59, 4742-4745.	2.2	4
2654	Role of the branched PEG- <i>b</i> -PLLA chain in morphological structures and thermodynamics for PEG- <i>b</i> -PLLA- <i>g</i> -glucose copolymers with different architectures. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
2655	Hyaluronic acid-based nanosystems for theranostic delivery and imaging. , 2023, , 271-308.		0
2656	Synthesis and Application of Fluorescent Polymer Micro€and Nanoparticles. <i>Small</i> , 2023, 19, .	5.2	9

#	ARTICLE	IF	CITATIONS
2657	Chemical shield effect of metal complexation on seeded growth of poly( $\mu$ -caprolactone) core-forming blends. <i>Polymer</i> , 2023, 272, 125831.	1.8	3
2658	Complex Structures Made Simple – Continuous Flow Production of Core Cross-Linked Polymeric Micelles for Paclitaxel Pro-Drug Delivery. <i>Advanced Materials</i> , 2023, 35, .	11.1	4
2659	Self-assembled biodegradable block copolymer precursors for the generation of nanoporous poly(trimethylene carbonate) thin films. <i>Polymer</i> , 2023, 274, 125880.	1.8	1
2660	Controlling self-assembling co-polymer coatings of hydrophilic polysaccharide substrates via co-polymer block length ratio. <i>Journal of Colloid and Interface Science</i> , 2023, 640, 809-819.	5.0	3
2661	Tetraphenylethene-based macrocycles: Visualized monitoring the hydrolysis of silicon-oxygen bond and their tunable luminescent properties. <i>Chemical Engineering Journal</i> , 2023, 463, 142241.	6.6	7
2662	Dual sugar and temperature responsive isoporous membranes for protein sieving with improved separation coefficient and decreased denaturation. <i>Journal of Membrane Science</i> , 2023, 672, 121450.	4.1	4
2663	Novel Aggregation-Induced Emission Fluorescent Molecule for Platinum(IV) Ion-Selective Recognition and Imaging of Controlled Release in Cells. <i>Analytical Chemistry</i> , 2023, 95, 3883-3891.	3.2	3
2664	Discrete Linear-Branched Block Copolymer with Broken Architectural Symmetry. <i>Macromolecules</i> , 2023, 56, 833-840.	2.2	8
2665	Aggregation and Gelation Behavior of Stereocomplexed Four-Arm PLA-PEG Copolymers Containing Neutral or Cationic Linkers. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3327.	1.8	1
2666	Synthesis and Application of Mesoporous Materials: Process Status, Technical Problems, and Development Prospects: A Mini-Review. <i>Energy &amp; Fuels</i> , 2023, 37, 3413-3427.	2.5	10
2667	Self-assembly of ABCBA Linear Pentablock Terpolymers. <i>Polymer Reviews</i> , 2024, 64, 1-35.	5.3	5
2668	Advanced supramolecular design for direct ink writing of soft materials. <i>Chemical Society Reviews</i> , 2023, 52, 1614-1649.	18.7	25
2669	Amphiphilic Block-Random Copolymers: Shedding Light on Aqueous Self-Assembly Behavior. <i>Macromolecules</i> , 2023, 56, 1601-1614.	2.2	1
2670	Recent Progress in Artificial Structural Colors and their Applications in Fibers and Textiles. <i>Chemistry Methods</i> , 2023, 3, .	1.8	5
2671	Self-assembly of side-chain liquid crystalline block copolymers to anisotropic polymeric nanoparticles. <i>Polymer International</i> , 2023, 72, 745-763.	1.6	3
2672	Computational Reverse-Engineering Analysis for Scattering Experiments for Form Factor and Structure Factor Determination (P <sub>q</sub> and S <sub>q</sub> CREASE). <i>Jacs Au</i> , 2023, 3, 889-904.	3.6	11
2673	Self-Aggregation in Aqueous Media of Amphiphilic Diblock and Random Block Copolymers Composed of Monomers with Long Side Chains. <i>Langmuir</i> , 2023, 39, 3380-3390.	1.6	3
2674	Oxidation-responsive polymer vesicles with order-disorder-order multiple-phase transitions. <i>Polymer Chemistry</i> , 2023, 14, 1254-1262.	1.9	1



#	ARTICLE	IF	CITATIONS
2693	Degradation-Influenced/Induced Self-Assembly of Copolymers with the Combinatory Effects of Changed Molecular Weight and Dispersity. <i>Macromolecules</i> , 2023, 56, 2619-2636.	2.2	10
2694	Influence of Process Parameters on the Kinetics of the Micelle-to-Vesicle Transition and Ripening of Polystyrene-Block-Polyacrylic Acid. <i>Polymers</i> , 2023, 15, 1695.	2.0	0
2695	Helfrich-Hurault elastic instabilities driven by geometrical frustration. <i>Reviews of Modern Physics</i> , 2023, 95, .	16.4	6
2697	Biobased Agents for Single-Particle Detection with Optoacoustics. <i>Small</i> , 2023, 19, .	5.2	0
2698	Synthesis, Self-Assembly, and Functional Chemistry of Amphiphilic Block Copolymers. , 2023, , 1-25.		0
2699	Hyperbranched Copolymers of Methacrylic Acid and Lauryl Methacrylate H-P(MAA-co-LMA): Synthetic Aspects and Interactions with Biorelevant Compounds. <i>Pharmaceutics</i> , 2023, 15, 1198.	2.0	1
2700	Dynamic Exchange of Amphiphilic Random Copolymers between Micelles in Water: Kinetics and Mechanism Analyzed by TR-SANS. <i>Macromolecules</i> , 0, , .	2.2	0
2701	Theoretical Study of Phase Behaviors of Symmetric Linear B1A1B2A2B3 Pentablock Copolymer. <i>Molecules</i> , 2023, 28, 3536.	1.7	0
2702	Largely Tunable Morphologies Self-Assembled by A(AB) <sub>n</sub> Miktoarm Star Copolymer in Solutions. <i>Macromolecules</i> , 2023, 56, 3440-3453.	2.2	1
2703	Thermo-induced physically crosslinked polypeptide-based block copolymer hydrogels for biomedical applications. <i>International Journal of Energy Production and Management</i> , 2023, 10, .	1.9	3
2709	Multiblock copolymer synthesis via RAFT emulsion polymerization. <i>Chemical Society Reviews</i> , 2023, 52, 3438-3469.	18.7	17
2711	Crystallization-Driven Solution-State Assembly of Conjugated Block Copolymers in Materials Science. <i>Macromolecules</i> , 2023, 56, 3474-3496.	2.2	4
2719	Polymeric Toroids Derived from the Fusion-Induced Particle Assembly of Anisotropic Bowl-Shaped Nanoparticles. <i>ACS Macro Letters</i> , 2023, 12, 821-827.	2.3	5
2721	Advances in toughening strategies for structural adhesives. , 2023, , 251-286.		0
2726	Recent advances in permeable polymersomes: fabrication, responsiveness, and applications. <i>Chemical Science</i> , 2023, 14, 7411-7437.	3.7	8
2738	Digital Photopatterning: Designing Functional Multipolymeric Patterning Films. <i>ACS Applied Polymer Materials</i> , 2023, 5, 3888-3893.	2.0	0
2759	Polymer nanoparticles. , 2024, , 167-215.		0
2760	Insights into the quantitative structure-activity relationship for ionic liquids: a bibliometric mapping analysis. <i>Environmental Science and Pollution Research</i> , 2023, 30, 95054-95076.	2.7	1

#	ARTICLE	IF	CITATIONS
2762	Synthesis approaches of amphiphilic copolymers for spherical micelle preparation: application in drug delivery. <i>Journal of Materials Chemistry B</i> , 2023, 11, 9325-9368.	2.9	3
2770	Stimuli-Responsive Non-viral Nanoparticles for Gene Delivery. <i>Handbook of Experimental Pharmacology</i> , 2023, , .	0.9	1
2801	Role of Conformational Entropy in Complex Macromolecular Systems. <i>Chemical Research in Chinese Universities</i> , 2023, 39, 709-718.	1.3	0
2808	Orthogonal chain collapse in stimuli-responsive di-block polymers leading to self-sorted nanostructures. <i>Chemical Communications</i> , 0, , .	2.2	0
2811	Fluorescence-readout as a powerful macromolecular characterisation tool. <i>Chemical Science</i> , 2023, 14, 12815-12849.	3.7	0
2820	Sustainable formulation polymers for home, beauty and personal care: challenges and opportunities. <i>Chemical Science</i> , 2023, 14, 12926-12940.	3.7	2
2832	An Insight to Block Copolymers in Inflammatory Bowel Disease Management. , 2023, , 227-244.		0
2841	Role of Block Copolymers in Targeted Drug Delivery. , 2023, , 299-326.		0
2842	Applications of Block Copolymers as Stimuli-Responsive Copolymers. , 2023, , 381-410.		0
2843	Role of Block Copolymer in the Treatment of GIT Disorder. , 2023, , 263-281.		0
2854	Polymeric nanoparticles delivery circumvents bacterial resistance to ciprofloxacin. <i>DARU, Journal of Pharmaceutical Sciences</i> , 0, , .	0.9	0
2866	Therapeutic synthetic and natural materials for immunoengineering. <i>Chemical Society Reviews</i> , 2024, 53, 1789-1822.	18.7	0
2874	Block copolymer phase separation basics, thermodynamics, and applications in thermoplastic elastomers. , 2024, , 45-91.		0
2890	Styrenic-based thermoplastic elastomers by anionic polymerization. , 2024, , 93-124.		0
2894	Guidelines for the Design of Solid CO <sub>2</sub> Adsorbents for Mobile Carbon Capture in Heavy-Duty Vehicles: A Review. <i>Korean Journal of Chemical Engineering</i> , 2024, 41, 25-42.	1.2	0
2911	Liquidâ€“liquid phase separation induced auto-confinement. <i>Soft Matter</i> , 2024, 20, 1978-1982.	1.2	0