

Wangqing Zhang

List of Publications by Year in descending order

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125
papers

4,175
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81900

39
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all docs

129
docs citations

129
times ranked

3260
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoresponsive Micellization of Poly(ethylene glycol)-b-poly(N-isopropylacrylamide) in Water. <i>Macromolecules</i> , 2005, 38, 5743-5747.	4.8	212
2	Micellization of Thermo- and pH-Responsive Triblock Copolymer of Poly(ethylene glycol)-b-poly(4-vinylpyridine)-b-poly(N-isopropylacrylamide). <i>Macromolecules</i> , 2005, 38, 8850-8852.	4.8	133
3	A New Thermo-, pH-, and CO ₂ -Responsive Homopolymer of Poly[N-[2-(diethylamino)ethyl]acrylamide]: Is the Diethylamino Group Underestimated?. <i>Macromolecules</i> , 2016, 49, 162-171.	4.8	107
4	Redox-Responsive Multicompartment Vesicles of Ferrocene-Containing Triblock Terpolymer Exhibiting On/Off Switchable Pores. <i>ACS Macro Letters</i> , 2016, 5, 88-93.	4.8	99
5	Dispersion RAFT polymerization: comparison between the monofunctional and bifunctional macromolecular RAFT agents. <i>Polymer Chemistry</i> , 2014, 5, 6957-6966.	3.9	86
6	In Situ Synthesis of Block Copolymer Nanoassemblies via Polymerization-Induced Self-Assembly in Poly(ethylene glycol). <i>Macromolecules</i> , 2016, 49, 3789-3798.	4.8	85
7	Synthesis of Single Lithium-Ion Conducting Polymer Electrolyte Membrane for Solid-State Lithium Metal Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 3028-3034.	5.1	81
8	Thermoresponsive hydrogel of poly(glycidyl methacrylate-co-N-isopropylacrylamide) as a nanoreactor of gold nanoparticles. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2812-2819.	2.3	80
9	Doubly thermo-responsive ABC triblock copolymer nanoparticles prepared through dispersion RAFT polymerization. <i>Polymer Chemistry</i> , 2014, 5, 2961-2972.	3.9	75
10	Self-Assembled Blends of AB/BAB Block Copolymers Prepared through Dispersion RAFT Polymerization. <i>Macromolecules</i> , 2016, 49, 4490-4500.	4.8	69
11	A New Family of Thermo-Responsive Polymers Based on Poly[N-(4-vinylbenzyl)-N-dialkylamine]. <i>Macromolecules</i> , 2013, 46, 3137-3146.	4.8	67
12	Cross-linking approaches for block copolymer nano-assemblies via RAFT-mediated polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2020, 11, 4681-4692.	3.9	62
13	Palladium(II)-minodiacetic Acid Immobilized on pH-Responsive Polymeric Microspheres: Efficient Quasi-Homogeneous Catalyst for Suzuki and Heck Reactions in Aqueous Solution. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2065-2076.	4.3	59
14	Precise evaluation of the block copolymer nanoparticle growth in polymerization-induced self-assembly under dispersion conditions. <i>Polymer Chemistry</i> , 2014, 5, 578-587.	3.9	58
15	Multicompartment block copolymer nanoparticles: recent advances and future perspectives. <i>Polymer Chemistry</i> , 2019, 10, 3426-3435.	3.9	58
16	Topology Affecting Block Copolymer Nanoassemblies: Linear Block Copolymers versus Star Block Copolymers under PISA Conditions. <i>Macromolecules</i> , 2018, 51, 5440-5449.	4.8	55
17	Dispersion RAFT polymerization of 4-vinylpyridine in toluene mediated with the macroRAFT agent of polystyrene dithiobenzoate: Effect of the macroRAFT agent chain length and growth of the block copolymer nanoobjects. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1573-1584.	2.3	54
18	In-Situ Synthesis of Multicompartment Nanoparticles of Linear BAC Triblock Terpolymer by Seeded RAFT Polymerization. <i>Macromolecules</i> , 2014, 47, 2340-2349.	4.8	52

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19	Concise Synthesis of Photoresponsive Polyureas Containing Bridged Azobenzenes as Visible-Light-Driven Actuators and Reversible Photopatterning. <i>Macromolecules</i> , 2018, 51, 4290-4297.	4.8	52
20	Synthesis of Multicompartment Nanoparticles of ABC Miktoarm Star Polymers by Seeded RAFT Dispersion Polymerization. <i>ACS Macro Letters</i> , 2019, 8, 783-788.	4.8	52
21	Photoregulated reversible addition-fragmentation chain transfer (RAFT) polymerization. <i>Polymer Chemistry</i> , 2020, 11, 1830-1844.	3.9	52
22	Synthesis of Multicompartment Nanoparticles of Block Copolymer through Two Macro-RAFT Agents Co-Mediated Dispersion Polymerization. <i>ACS Macro Letters</i> , 2014, 3, 916-921.	4.8	51
23	In Situ Synthesis of Thermoresponsive Polystyrene- <i>b</i> -poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -polystyrene Nanospheres and Comparative Study of the Looped and Linear Poly(<i>N</i> -isopropylacrylamide)s. <i>Macromolecules</i> , 2016, 49, 2772-2781.	4.8	50
24	Synthesis of Polymeric Yolk-Shell Microspheres by Seed Emulsion Polymerization. <i>Macromolecules</i> , 2011, 44, 842-847.	4.8	49
25	Temperature-Sensitive Nanoparticle-to-Vesicle Transition of ABC Triblock Copolymer Corona-Shell-Core Nanoparticles Synthesized by Seeded Dispersion RAFT Polymerization. <i>Macromolecules</i> , 2014, 47, 1360-1370.	4.8	49
26	Surface Phase Separation and Morphology of Stimuli Responsive Complex Micelles. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1062-1069.	3.9	48
27	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.	4.8	48
28	Influence of Solvophilic Homopolymers on RAFT Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2018, 51, 4397-4406.	4.8	48
29	Thermoresponsive diblock copolymer micellar macro-RAFT agent-mediated dispersion RAFT polymerization and synthesis of temperature-sensitive ABC triblock copolymer nanoparticles. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2155-2165.	2.3	47
30	A New Strategy To Synthesize Temperature- and pH-Sensitive Multicompartment Block Copolymer Nanoparticles by Two Macro-RAFT Agents Comediated Dispersion Polymerization. <i>Macromolecules</i> , 2014, 47, 7442-7452.	4.8	47
31	Comicellization of Poly(ethylene glycol)-block-poly(acrylic acid) and Poly(4-vinylpyridine) in Ethanol. <i>Macromolecules</i> , 2005, 38, 899-903.	4.8	46
32	A new thermoresponsive polymer of poly(<i>N</i> -acryloylsarcosine methyl ester) with a tunable LCST. <i>Polymer Chemistry</i> , 2017, 8, 3090-3101.	3.9	46
33	Polymerization of styrene in alcohol/water mediated by a macro-RAFT agent of poly(<i>N</i> -isopropylacrylamide) trithiocarbonate: From homogeneous to heterogeneous RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2452-2462.	2.3	45
34	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.	3.9	45
35	Brush macro-RAFT agent mediated dispersion polymerization of styrene in the alcohol/water mixture. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3177-3190.	2.3	44
36	Synthesis of diblock copolymer nano-assemblies by PISA under dispersion polymerization: comparison between ATRP and RAFT. <i>Polymer Chemistry</i> , 2017, 8, 6407-6415.	3.9	44

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37	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.	4.8	44
38	Seeded dispersion RAFT polymerization and synthesis of well-defined ABA triblock copolymer flower-like nanoparticles. <i>Polymer Chemistry</i> , 2014, 5, 2736-2746.	3.9	43
39	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.	4.8	41
40	Disassembly of Block Copolymer Vesicles into Nanospheres through Vesicle Mediated RAFT Polymerization. <i>Macromolecules</i> , 2014, 47, 8262-8269.	4.8	40
41	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.	3.9	39
42	Synthesis and micellization of a multi-stimuli responsive block copolymer based on spiropyran. <i>Polymer Chemistry</i> , 2016, 7, 6880-6884.	3.9	39
43	Synthesis of star thermoresponsive amphiphilic block copolymer nano-assemblies and the effect of topology on their thermoresponse. <i>Polymer Chemistry</i> , 2019, 10, 403-411.	3.9	39
44	Star Block Copolymer Nanoassemblies: Block Sequence is All-Important. <i>Macromolecules</i> , 2019, 52, 718-728.	4.8	39
45	Formation of Core-Shell-Corona Micellar Complexes through Adsorption of Double Hydrophilic Diblock Copolymers into Core-Shell Micelles. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1341-1345.	3.9	38
46	One-stage synthesis of narrowly dispersed polymeric core-shell microspheres. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1192-1202.	2.3	38
47	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.	3.9	36
48	A New Family of Thermo-, pH-, and CO ₂ -Responsive Homopolymers of Poly[Oligo(ethylene) Tj ETQq0 0 0 rgBT /Qverlock 10	4.8	36
49	Doubly thermo-responsive nanoparticles constructed with two diblock copolymers prepared through the two macro-RAFT agents co-mediated dispersion RAFT polymerization. <i>Polymer Chemistry</i> , 2015, 6, 70-78.	3.9	35
50	Switchable Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization with the Assistance of Azobenzenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11449-11453.	13.8	35
51	Core-Shell-Corona Micellar Complexes between Poly(ethylene glycol)-block-poly(4-vinyl pyridine) and Polystyrene-block-poly(acrylic acid). <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 2354-2361.	2.2	33
52	Hollow shell-corona microspheres with a mesoporous shell as potential microreactors for Au-catalyzed aerobic oxidation of alcohols. <i>New Journal of Chemistry</i> , 2010, 34, 1355.	2.8	32
53	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.	2.3	32
54	Star Brush Block Copolymer Electrolytes with High Ambient-Temperature Ionic Conductivity for Quasi-Solid-State Lithium Batteries. , 2019, 1, 606-612.		32

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55	RAFT Dispersion Polymerization of Styrene in Water/Alcohol: The Solvent Effect on Polymer Particle Growth during Polymer Chain Propagation. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 902-911.	2.2	31
56	RAFT synthesis of triply responsive poly[N-[2-(dialkylamino)ethyl]acrylamide]s and their N-substitute determined response. <i>Polymer Chemistry</i> , 2016, 7, 3423-3433.	3.9	31
57	RAFT-mediated emulsion polymerization of styrene using brush copolymer as surfactant macro-RAFT agent: Effect of the brush copolymer sequence and chemical composition. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1147-1161.	2.3	30
58	Nanoparticle-to-vesicle and nanoparticle-to-toroid transitions of pH-sensitive ABC triblock copolymers by in-to-out switch. <i>Chemical Communications</i> , 2014, 50, 3969-3972.	4.1	30
59	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.	3.9	29
60	Synthesis of multi-arm star thermo-responsive polymers and topology effects on phase transition. <i>Polymer Chemistry</i> , 2018, 9, 2625-2633.	3.9	29
61	Synthesis of multicompartment nanoparticles of a triblock terpolymer by seeded RAFT polymerization. <i>Polymer Chemistry</i> , 2015, 6, 6386-6393.	3.9	27
62	Thermoresponsive poly(ionic liquid): Controllable RAFT synthesis, thermoresponse, and application in dispersion RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 945-954.	2.3	27
63	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.	3.9	26
64	Self-assembly synthesis of solid polymer electrolyte with carbonate terminated poly(ethylene glycol) matrix and its application for solid state lithium battery. <i>Journal of Energy Chemistry</i> , 2019, 38, 55-59.	12.9	26
65	Initial copolymer concentration influence on self-assembly of PS38-b-P(AA190-co-MA20) in water. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 109.	2.8	25
66	Doubly thermoresponsive brush-linear-linear ABC triblock copolymer nanoparticles prepared through dispersion RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2266-2278.	2.3	25
67	Block-Selective Solvent Influence on Morphology of the Micelles Self-Assembled by PS38-b-P(AA190-co-MA20). <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 2017-2025.	2.2	24
68	A new thermo-responsive block copolymer with tunable upper critical solution temperature and lower critical solution temperature in the alcohol/water mixture. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4399-4412.	2.3	24
69	Single-Step Expeditious Synthesis of Diblock Copolymers with Different Morphologies by Lewis Pair Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
70	In situ synthesis of thermo-responsive ABC triblock terpolymer nano-objects by seeded RAFT polymerization. <i>Polymer Chemistry</i> , 2014, 5, 5569-5577.	3.9	23
71	Raspberry-Like Aggregates Containing Secondary Nanospheres of Polystyrene-block-poly(4-vinylpyridine) Micelles. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1833-1837.	3.9	22
72	RAFT-mediated batch emulsion polymerization of styrene using poly[4-(4-vinylbenzyl)-N,N,N',N'-tetrabutylamine hydrochloride] trithiocarbonate as both surfactant and macro-RAFT agent. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2484-2498.	2.3	22

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73	In situ synthesis of nanoassemblies of the high molecular weight ferrocene-containing block copolymer via dispersion RAFT polymerization. Journal of Polymer Science Part A, 2016, 54, 900-909.	2.3	22
74	Dual-responsive supramolecular colloidal microcapsules from cucurbit[8]uril molecular recognition in microfluidic droplets. Polymer Chemistry, 2016, 7, 5996-6002.	3.9	22
75	In situ synthesis of thermoresponsive 4-arm star block copolymer nano-assemblies by dispersion RAFT polymerization. Polymer Chemistry, 2017, 8, 3485-3496.	3.9	22
76	Formation of hybrid micelles between poly(ethylene glycol)-block-poly(4-vinylpyridinium) cations and sulfate anions in an aqueous milieu. Soft Matter, 2005, 1, 455.	2.7	21
77	In situ synthesis of a self-assembled AB/B blend of poly(ethylene glycol)-b-polystyrene/polystyrene by dispersion RAFT polymerization. Polymer Chemistry, 2017, 8, 2173-2181.	3.9	21
78	Star amphiphilic block copolymers: synthesis via polymerization-induced self-assembly and crosslinking within nanoparticles, and solution and interfacial properties. Polymer Chemistry, 2020, 11, 2532-2541.	3.9	21
79	Polymerization of Spherical Poly(styrene-b-4-vinylpyridine) Vesicles to Giant Tubes. Macromolecules, 2005, 38, 4548-4550.	4.8	20
80	A new strategy to prepare thermo-responsive multicompartiment nanoparticles constructed with two diblock copolymers. Polymer Chemistry, 2014, 5, 7090-7099.	3.9	20
81	In situ synthesis of the Ag/poly(4-vinylpyridine)-block-polystyrene composite nanoparticles by dispersion RAFT polymerization. Polymer Chemistry, 2017, 8, 3203-3210.	3.9	20
82	RAFT synthesis and micellization of a photo-, temperature- and pH-responsive diblock copolymer based on spiropyran. Polymer Chemistry, 2017, 8, 7325-7332.	3.9	20
83	UV-Cured Interpenetrating Networks of Single-ion Conducting Polymer Electrolytes for Rechargeable Lithium Metal Batteries. ACS Applied Energy Materials, 2020, 3, 12532-12539.	5.1	20
84	N-Ester-substituted polyacrylamides with a tunable lower critical solution temperature (LCST): the N-ester-substitute dependent thermoresponse. Polymer Chemistry, 2016, 7, 3509-3519.	3.9	19
85	Synthesis of Multicompartiment Nanoparticles of ABC Triblock Copolymers through Intramolecular Interactions of Two Solvophilic Blocks. Macromolecules, 2017, 50, 2794-2802.	4.8	19
86	ICAR ATRP in PEG with Low Concentration of Cu(II) Catalyst: A Versatile Method for Synthesis of Block Copolymer Nanoassemblies under Dispersion Polymerization. Macromolecular Rapid Communications, 2019, 40, e1800140.	3.9	19
87	Asymmetrical vesicles: convenient in situ RAFT synthesis and controllable structure determination. Polymer Chemistry, 2015, 6, 6563-6572.	3.9	17
88	RAFT Dispersion Polymerization in the Presence of Block Copolymer Nanoparticles and Synthesis of Multicomponent Block Copolymer Nanoassemblies. Macromolecules, 2019, 52, 5168-5176.	4.8	17
89	Controlled synthesis of graft polymer through the coupling reaction between the appending α -keto ester and the terminal amine. Polymer, 2013, 54, 3230-3237.	3.8	16
90	Modification of block copolymer vesicles: what will happen when AB diblock copolymer is block-extended to an ABC triblock terpolymer?. Polymer Chemistry, 2015, 6, 3407-3414.	3.9	16

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91	Thermoresponsive Polymers Based on Tertiary Amine Moieties. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100504.	3.9	16
92	Aqueous RAFT polymerization of <i>N</i> -isopropylacrylamide-mediated with hydrophilic macroRAFT agent: Homogeneous or heterogeneous polymerization?. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2188-2198.	2.3	15
93	Synthesis of a doubly thermo-responsive schizophrenic diblock copolymer based on poly[N-(4-vinylbenzyl)-N,N-diethylamine] and its temperature-sensitive flip-flop micellization. <i>Polymer Chemistry</i> , 2014, 5, 3910-3918.	3.9	15
94	Catalytic degradation of TCE by a PVDF membrane with Pd-coated nanoscale zero-valent iron reductant. <i>Science of the Total Environment</i> , 2020, 702, 135030.	8.0	15
95	Formation of flower-like aggregates from assembly of single polystyrene- <i>b</i> -poly(acrylic acid) micelles. <i>New Journal of Chemistry</i> , 2004, 28, 1038.	2.8	14
96	<i>In situ</i> synthesis of ABA triblock copolymer nanoparticles by seeded RAFT polymerization: Effect of the chain length of the third a block on the triblock copolymer morphology. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1777-1784.	2.3	14
97	A new visible light and temperature responsive diblock copolymer. <i>Polymer Chemistry</i> , 2019, 10, 5001-5009.	3.9	14
98	UV-Cured Semi-Interpenetrating polymer networks of solid electrolytes for rechargeable lithium metal batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135329.	12.7	14
99	An efficient route to synthesize thermoresponsive molecular bottlebrushes of poly[o-aminobenzyl alcohol-graft-poly(N-isopropylacrylamide)]. <i>Polymer Chemistry</i> , 2017, 8, 1932-1942.	3.9	13
100	Tough thermosensitive hydrogel with excellent adhesion to low-energy surface developed via nanoparticle-induced dynamic crosslinking. <i>Applied Surface Science</i> , 2021, 560, 149935.	6.1	13
101	Synthesis of Stimuli-Responsive Block Copolymers and Block Copolymer Nanoassemblies. <i>Chinese Journal of Chemistry</i> , 2022, 40, 965-972.	4.9	13
102	Synthesis of Polystyrene- <i>b</i> -Poly(4-vinylpyridine) Ellipsoids through MacroRAFT-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.	2.2	12
103	A new thermoresponsive polymer of poly(N-acetoxylethyl acrylamide). <i>Polymer</i> , 2019, 167, 159-166.	3.8	12
104	Mesoporous polymeric catalysts with both sulfonic acid and basic amine groups for the one-pot deacetalization~Knoevenagel reaction. <i>New Journal of Chemistry</i> , 2019, 43, 16676-16684.	2.8	12
105	Adjustable temperature sensor with double thermoresponsiveness based on the aggregation property of binary diblock copolymers. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3144-3148.	2.6	11
106	Expulsion of Unimers from Polystyrene-block-poly(acrylic acid) Micelles. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 521-527.	2.2	11
107	Reversible addition-fragmentation chain transfer polymerization of a typical hydrophobic monomer of styrene within microreactor of shell-corona hollow microspheres suspending in water. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5446-5455.	2.3	10
108	Versatile multicompartment nanoparticles constructed with two thermo-responsive, pH-responsive and hydrolytic diblock copolymers. <i>Polymer Chemistry</i> , 2017, 8, 5593-5602.	3.9	10

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109	Synthesis of diblock copolymer nano-assemblies: Comparison between PISA and micellization. <i>Polymer</i> , 2018, 150, 204-213.	3.8	10
110	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.	3.9	9
111	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.	5.0	9
112	The synthesis of thermoresponsive POSS-based eight-arm star poly(<i>N</i> -isopropylacrylamide): A comparison between Z-RAFT and R-RAFT strategies. <i>Polymer Chemistry</i> , 2021, 12, 2063-2074.	3.9	7
113	Thermoresponsive hydrogels with high elasticity and rapid response synthesized by RAFT polymerization via special crosslinking. <i>Polymer</i> , 2018, 159, 1-5.	3.8	6
114	Switchable Reversible Addition–Fragmentation Chain Transfer (RAFT) Polymerization with the Assistance of Azobenzenes. <i>Angewandte Chemie</i> , 2019, 131, 11571-11575.	2.0	6
115	What will happen when thermoresponsive poly(<i>N</i> -isopropylacrylamide) is tethered on poly(ionic liquid)s?. <i>RSC Advances</i> , 2019, 9, 12936-12943.	3.6	6
116	Thermoresponsive Polymers of Poly(2-(<i>N</i> -alkylacrylamide)ethyl acetate)s. <i>Polymers</i> , 2020, 12, 2464.	4.5	6
117	Single-Step Expeditious Synthesis of Diblock Copolymers with Different Morphologies by Lewis Pair Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
118	Temperature dependent synthesis of micro- and meso-porous silica employing the thermo-responsive polymer of poly(<i>N</i> -isopropylacrylamide) as structure-directing agent. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 315-326.	2.4	4
119	Physically mixed catalytic system of amino and sulfo-functional porous organic polymers as efficiently synergistic co-catalysts for one-pot cascade reactions. <i>New Journal of Chemistry</i> , 2020, 44, 9546-9556.	2.8	4
120	Synthesis and self-assembly of star multiple block copolymer of poly(4-vinylpyridine)-block-polystyrene. <i>Polymer</i> , 2021, 215, 123431.	3.8	4
121	Selective adsorption of PHC and regeneration of washing effluents by modified diatomite. <i>Water Science and Technology</i> , 2020, 81, 2066-2077.	2.5	3
122	Regeneration of Washing Effluents for Remediation of Petroleum-Hydrocarbons-Contaminated Soil by Corn-cob-Based Biomass Materials. <i>ACS Omega</i> , 2019, 4, 18711-18717.	3.5	2
123	A crystallization driven thermoresponsive transition in a liquid crystalline polymer. <i>Polymer Chemistry</i> , 0, , .	3.9	1
124	Synthesis of Cross-Linked Block Copolymer Nanoassemblies and their Coating Application. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100909.	3.9	1
125	Ice template-assisted assembly of spherical PS- <i>b</i> -PAA micelles into novel layer-by-layer hollow spheres. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 5087.	2.8	0