

Zhenping Cheng

List of Publications by Year in descending order

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269
papers

7,524
citations

57758

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271
docs citations

271
times ranked

5653
citing authors

#	ARTICLE	IF	CITATIONS
1	A Self-Assembled Albumin-Based Nanoprobe for In Vivo Ratiometric Photoacoustic pH Imaging. <i>Advanced Materials</i> , 2015, 27, 6820-6827.	21.0	244
2	Metal-free photoinduced electron transfer-atom transfer radical polymerization (PET-ATRP) via a visible light organic photocatalyst. <i>Polymer Chemistry</i> , 2016, 7, 689-700.	3.9	217
3	Near-infrared dye bound albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy. <i>Biomaterials</i> , 2014, 35, 8206-8214.	11.4	210
4	Albumin-NIR dye self-assembled nanoparticles for photoacoustic pH imaging and pH-responsive photothermal therapy effective for large tumors. <i>Biomaterials</i> , 2016, 98, 23-30.	11.4	182
5	Polymer Microspheres with Permanent Antibacterial Surface from Surface-Initiated Atom Transfer Radical Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7098-7104.	3.7	140
6	Iron-Mediated ICAR ATRP of Methyl Methacrylate. <i>Macromolecules</i> , 2011, 44, 3233-3239.	4.8	124
7	AGET ATRP of methyl methacrylate catalyzed by FeCl ₃ /iminodiacetic acid in the presence of air. <i>Polymer</i> , 2008, 49, 3054-3059.	3.8	111
8	Activators generated by electron transfer for atom transfer radical polymerization: recent advances in catalyst and polymer chemistry. <i>Polymer Chemistry</i> , 2012, 3, 2685.	3.9	108
9	Study on controlled free-radical polymerization in the presence of 2-cyanoprop-2-yl 1-dithionaphthalate (CPDN). <i>Polymer</i> , 2002, 43, 7037-7042.	3.8	85
10	Brush-Type Amphiphilic Diblock Copolymers from "Living" Controlled Radical Polymerizations and Their Aggregation Behavior. <i>Langmuir</i> , 2005, 21, 7180-7185.	3.5	83
11	Recent Progress on Transition Metal Catalyst Separation and Recycling in ATRP. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1702-1721.	3.9	81
12	Metal-Free Atom Transfer Radical Polymerization of Methyl Methacrylate with ppm Level of Organic Photocatalyst. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600461.	3.9	78
13	Iron(III)-Mediated ATRP of Methyl Methacrylate Using Activators Generated by Electron Transfer. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1705-1713.	2.2	77
14	Bifunctional Nanoparticles with Fluorescence and Magnetism via Surface-Initiated AGET ATRP Mediated by an Iron Catalyst. <i>Langmuir</i> , 2011, 27, 12684-12692.	3.5	77
15	Iron-Mediated AGET ATRP of Styrene in the Presence of Catalytic Amounts of Base. <i>Macromolecules</i> , 2010, 43, 9283-9290.	4.8	73
16	Air-tolerantly surface-initiated AGET ATRP mediated by iron catalyst from silica nanoparticles. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2006-2015.	2.3	71
17	Dual-Brush-Type Amphiphilic Triblock Copolymer with Intact Epoxide Functional Groups from Consecutive RAFT Polymerizations and ATRP. <i>Macromolecules</i> , 2005, 38, 7187-7192.	4.8	70
18	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2016, 8, 15323-15339.	5.6	70

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19	Atom transfer radical polymerization of hydrophilic monomers and its applications. <i>Polymer Chemistry</i> , 2013, 4, 2919.	3.9	66
20	A Highly Active Iron-Based Catalyst System for the AGET ATRP of Styrene. <i>Macromolecular Rapid Communications</i> , 2009, 30, 543-547.	3.9	65
21	Atom transfer radical polymerization of methyl methacrylate with low concentration of initiating system under microwave irradiation. <i>Polymer</i> , 2003, 44, 2243-2247.	3.8	64
22	Iron-Mediated ICAR ATRP of Styrene and Methyl Methacrylate in the Absence of Thermal Radical Initiator. <i>Macromolecular Rapid Communications</i> , 2010, 31, 275-280.	3.9	64
23	Photocontrolled Iodine-Mediated Reversible-Deactivation Radical Polymerization: Solution Polymerization of Methacrylates by Irradiation with NIR LED Light. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3910-3916.	13.8	64
24	Iodine-mediated reversible-deactivation radical polymerization: a powerful strategy for polymer synthesis. <i>Polymer Chemistry</i> , 2019, 10, 2504-2515.	3.9	63
25	Iron(III)-mediated AGET ATRP of styrene using tris(3,6-dioxahexyl)amine as a ligand. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2002-2008.	2.3	61
26	Thermal-initiated reversible addition-fragmentation chain transfer polymerization of methyl methacrylate in the presence of oxygen. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3343-3354.	2.3	60
27	Synthesis and Photoresponsive Behaviors of Well-Defined Azobenzene-Containing Polymers via RAFT Polymerization. <i>Macromolecules</i> , 2007, 40, 4809-4817.	4.8	59
28	Surface Functionalization of Chitosan Nanospheres via Surface-Initiated AGET ATRP Mediated by Iron Catalyst in the Presence of Limited Amounts of Air. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6216-6223.	3.7	58
29	Reversible addition-fragmentation chain transfer polymerization of styrene under microwave irradiation. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6810-6816.	2.3	55
30	A Novel and Universal Route to SiO ₂ -Supported Organic/Inorganic Hybrid Noble Metal Nanomaterials via Surface RAFT Polymerization. <i>Langmuir</i> , 2010, 26, 14806-14813.	3.5	55
31	Developing a Synthetic Approach with Thermoregulated Phase-Transfer Catalysis: Facile Access to Metal-Mediated Living Radical Polymerization of Methyl Methacrylate in Aqueous/Organic Biphasic System. <i>Macromolecules</i> , 2013, 46, 2060-2066.	4.8	55
32	Self-assembly of BODIPY based pH-sensitive near-infrared polymeric micelles for drug controlled delivery and fluorescence imaging applications. <i>Nanoscale</i> , 2015, 7, 16399-16416.	5.6	54
33	Atom transfer radical polymerization of styrene under pulsed microwave irradiation. <i>Radiation Physics and Chemistry</i> , 2005, 72, 695-701.	2.8	53
34	Cellulose Filter Paper with Antibacterial Activity from Surface-Initiated ATRP. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 989-996.	2.2	53
35	Atom transfer radical bulk polymerization of methyl methacrylate under microwave irradiation. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1787-1793.	2.6	52
36	Modification of Poly(ether imide) Membranes via Surface-Initiated Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2006, 39, 1660-1663.	4.8	52

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37	Reverse atom transfer radical solution polymerization of methyl methacrylate under pulsed microwave irradiation. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3823-3834.	2.3	50
38	Multistimuli-responsive hybrid nanoparticles with magnetic core and thermoresponsive fluorescence-labeled shell via surface-initiated RAFT polymerization. <i>Soft Matter</i> , 2011, 7, 6958.	2.7	50
39	Microwave-assisted nitroxide-mediated radical polymerization of styrene. <i>Radiation Physics and Chemistry</i> , 2006, 75, 253-258.	2.8	49
40	Synthesis of poly(vinyl acetate) with fluorescence via a combination of RAFT/MADIX and "click" chemistry. <i>European Polymer Journal</i> , 2008, 44, 1789-1795.	5.4	47
41	Atom transfer radical polymerization of lauryl methacrylate. <i>Journal of Applied Polymer Science</i> , 2003, 90, 1117-1125.	2.6	46
42	Reverse atom transfer radical polymerization of methyl methacrylate with FeCl ₃ /pyromellitic acid. <i>European Polymer Journal</i> , 2003, 39, 2161-2165.	5.4	46
43	Facile Iron-Mediated AGET ATRP for Water-Soluble Poly(ethylene glycol) Monomethyl Ether Methacrylate in Water. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1067-1073.	3.9	46
44	Visible-light-induced living radical polymerization using in situ bromine-iodine transformation as an internal boost. <i>Polymer Chemistry</i> , 2017, 8, 2538-2551.	3.9	46
45	Catalyst-free iodine-mediated living radical polymerization under irradiation over a wide visible-light spectral scope. <i>Polymer Chemistry</i> , 2016, 7, 3576-3588.	3.9	44
46	Synthesis of azobenzene-containing polymers via RAFT polymerization and investigation on intense fluorescence from aggregates of azobenzene-containing amphiphilic diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5652-5662.	2.3	43
47	An atom transfer radical polymerization system: catalyzed by an iron catalyst in PEG-400. <i>Green Chemistry</i> , 2015, 17, 271-278.	9.0	43
48	The in situ formation of nanoparticles via RAFT polymerization-induced self-assembly in a continuous tubular reactor. <i>Polymer Chemistry</i> , 2017, 8, 1495-1506.	3.9	43
49	Emulsion polymerization of methyl methacrylate under pulsed microwave irradiation. <i>European Polymer Journal</i> , 2003, 39, 1187-1193.	5.4	42
50	Homogeneous reverse atom transfer radical polymerization of glycidyl methacrylate and ring-opening reaction of the pendant oxirane ring. <i>Polymer</i> , 2005, 46, 12716-12721.	3.8	41
51	Facile "Living" Radical Polymerization of Methyl Methacrylate in the Presence of Iniferter Agents: Homogeneous and Highly Efficient Catalysis from Copper(II) Acetate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1332-1339.	3.9	41
52	Plasma-Initiated Controlled/Living Radical Polymerization of Methyl Methacrylate in the Presence of 2-Cyanoprop-2-yl 1-dithionaphthalate(CPDN). <i>Macromolecular Rapid Communications</i> , 2004, 25, 818-824.	3.9	40
53	Synthesis of miktoarm star amphiphilic block copolymers via combination of NMRP and ATRP and investigation on self-assembly behaviors. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6304-6315.	2.3	39
54	Synthesis and characterization of azobenzene-functionalized poly(styrene)-b-poly(vinyl acetate) via the combination of RAFT and "click" chemistry. <i>Polymer</i> , 2010, 51, 3083-3090.	3.8	39

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55	Thermo-responsive fluorescent micelles from amphiphilic A ₃ B miktoarm star copolymers prepared via a combination of SET-LRP and RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4268-4278.	2.3	39
56	Alumina additives for fast iron-mediated AGET ATRP of MMA using onium salt as ligand. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3970-3979.	2.3	39
57	Thermo-regulated phase separable catalysis (TPSC)-based atom transfer radical polymerization in a thermo-regulated ionic liquid. <i>Chemical Communications</i> , 2014, 50, 9266-9269.	4.1	39
58	ATRP and their self-assembly in selective solvents. <i>Polymer</i> , 2005, 46, 7563-7571.	3.8	38
59	Synthesis of amphiphilic and thermosensitive graft copolymers with fluorescence P(<i>St-co-(pCMS)</i>)- <i>g</i> -PNIPAAm by combination of NMP and RAFT methods. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5318-5328.	2.3	37
60	Catalytic amounts of sodium hydroxide as additives for iron-mediated AGET ATRP of MMA. <i>Polymer Chemistry</i> , 2011, 2, 2385.	3.9	37
61	Microwave-assisted nitroxide-mediated miniemulsion polymerization of styrene. <i>Radiation Physics and Chemistry</i> , 2007, 76, 23-26.	2.8	36
62	The First Example of Main-Chain Cyclic Azobenzene Polymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1791-1797.	3.9	36
63	Photocontrolled Iodine-Mediated Green Reversible-Deactivation Radical Polymerization of Methacrylates: Effect of Water in the Polymerization System. <i>ACS Macro Letters</i> , 2019, 8, 1419-1425.	4.8	36
64	Atom transfer radical polymerization of n-octyl acrylate under microwave irradiation. <i>European Polymer Journal</i> , 2003, 39, 1349-1353.	5.4	35
65	Zero-valent Iron/RAFT Agent-Mediated Polymerization of Methyl Methacrylate at Ambient Temperature. <i>Macromolecules</i> , 2010, 43, 7979-7984.	4.8	35
66	Rate-enhanced ATRP in the presence of catalytic amounts of base: An example of iron-mediated AGET ATRP of MMA. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3980-3987.	2.3	35
67	Facile Iron-Mediated Dispersant-Free Suspension Polymerization of Methyl Methacrylate via Reverse ATRP in Water. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1747-1754.	3.9	35
68	Fabrication of self-healing hydrogels with surface functionalized microcapsules from stellate mesoporous silica. <i>Polymer Chemistry</i> , 2019, 10, 503-511.	3.9	35
69	Synthesis and Aggregation Behaviors of Nonlinear Multiresponsive, Multihydrophilic Block Copolymers. <i>Macromolecules</i> , 2011, 44, 3366-3373.	4.8	34
70	Organoselenium compounds: development of a universal ϕ -living-free radical polymerization mediator. <i>Polymer Chemistry</i> , 2013, 4, 3453.	3.9	34
71	Photo-Controlled Polymerization-Induced Self-Assembly (Photo-PISA): A Novel Strategy Using In Situ Bromine-Iodine Transformation Living Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800327.	3.9	34
72	Emulsion polymerization of styrene under pulsed microwave irradiation. <i>Journal of Applied Polymer Science</i> , 2003, 89, 28-35.	2.6	33

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73	Iron-mediated atom transfer radical polymerization of styrene with tris(3,6-dioxahexyl) amine as a ligand. <i>Journal of Polymer Science Part A</i> , 2006, 44, 483-489.	2.3	33
74	Magnetic nanomaterials with near-infrared pH-activatable fluorescence via iron-catalyzed AGET ATRP for tumor acidic microenvironment imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2786-2800.	5.8	33
75	Straightforward catalyst/solvent-free iodine-mediated living radical polymerization of functional monomers driven by visible light irradiation. <i>Chemical Communications</i> , 2016, 52, 10850-10853.	4.1	33
76	Preparation, characterization, and chiral recognition of optically active polymers containing pendent chiral units via reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3788-3797.	2.3	32
77	Living/controlled free radical polymerization of MMA in the presence of cobalt(II) 2-ethylhexanoate: A switch from RAFT to ATRP mechanism. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5722-5730.	2.3	32
78	Synthesis and self-assembly behaviors of three-armed amphiphilic block copolymers via RAFT polymerization. <i>Polymer</i> , 2008, 49, 4569-4575.	3.8	32
79	New selenium-based iniferter agent for living free radical polymerization of styrene under UV irradiation. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2211-2218.	2.3	32
80	A surfactant-free emulsion RAFT polymerization of methyl methacrylate in a continuous tubular reactor. <i>Polymer Chemistry</i> , 2015, 6, 1937-1943.	3.9	32
81	Atom-transfer radical polymerization of methyl methacrylate with 1,1-dichloroethylene/CuCl/N,N,N',N',N'-pentamethyldiethylenetriamine initiation system under microwave irradiation. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2189-2195.	2.6	31
82	A combination of RAFT and Click chemistry techniques to synthesize polymeric europium complexes with selective fluorescence emission. <i>Reactive and Functional Polymers</i> , 2009, 69, 240-245.	4.1	31
83	A novel approach to modify poly(vinylidene fluoride) via iron-mediated atom transfer radical polymerization using activators generated by electron transfer. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2315-2324.	2.3	31
84	Light-driven and aggregation-induced emission from side-chain azoindazole polymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4911-4920.	2.3	31
85	Synthesis of poly(octadecyl acrylate-b-styrene-b-octadecyl acrylate) triblock copolymer by atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1539-1545.	2.6	29
86	Synthesis of novel three-arm star azo side-chain liquid crystalline polymer via ATRP and photoinduced surface relief gratings. <i>Journal of Polymer Science Part A</i> , 2008, 46, 777-789.	2.3	29
87	Universal xanthate-mediated controlled free radical polymerizations of the less activated vinyl monomers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5206-5214.	2.3	28
88	Synthesis and characters of hyperbranched poly(vinyl acetate) by RAFT polymerization. <i>European Polymer Journal</i> , 2011, 47, 1912-1922.	5.4	28
89	Iron-mediated AGET ATRP of methyl methacrylate using metal wire as reducing agent. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2244-2253.	2.3	28
90	A versatile Fe ₃ O ₄ -based platform via iron-catalyzed AGET ATRP: towards various multifunctional nanomaterials. <i>Polymer Chemistry</i> , 2014, 5, 638-645.	3.9	28

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91	Controlled/living radical polymerization of methyl methacrylate using AIBN as the initiator under microwave irradiation. <i>Radiation Physics and Chemistry</i> , 2004, 69, 129-135.	2.8	27
92	A Highly Efficient Iron-Mediated AGET ATRP of Methyl Methacrylate Using Fe(0) Powder as the Reducing Agent. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 999-1006.	2.2	27
93	Visible light controlled aqueous RAFT continuous flow polymerization with oxygen tolerance. <i>Polymer Chemistry</i> , 2019, 10, 2064-2072.	3.9	27
94	Controlled/living radical polymerization of methyl methacrylate with p-TsCl/CuBr/BPY initiating system under microwave irradiation. <i>Polymer International</i> , 2004, 53, 357-363.	3.1	26
95	New ligands for the Fe(III)-mediated reverse atom transfer radical polymerization of methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2912-2921.	2.3	26
96	Anticoagulant Surface of 316 L Stainless Steel Modified by Surface-Initiated Atom Transfer Radical Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1675-1680.	8.0	26
97	Copper(0)-Mediated Living Radical Copolymerization of Styrene and Methyl Methacrylate at Ambient Temperature. <i>Macromolecules</i> , 2011, 44, 3227-3232.	4.8	26
98	Atom transfer radical polymerization of methyl methacrylate with a thermo-responsive ligand: construction of thermoregulated phase-transfer catalysis in an aqueous organic biphasic system. <i>Polymer Chemistry</i> , 2013, 4, 2876.	3.9	26
99	Fe-mediated ICAR ATRP in a p-xylene/PEG-200 biphasic system: facile and highly efficient separation and recycling of an iron catalyst. <i>Polymer Chemistry</i> , 2015, 6, 6616-6622.	3.9	26
100	Step Transfer-Addition and Radical-Termination (START) Polymerization of Unconjugated Dienes under Irradiation of Blue LED Light. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600587.	3.9	26
101	RATRP of MMA in AIBN/FeCl ₃ /PPh ₃ initiation system under microwave irradiation. <i>Polymer Bulletin</i> , 2003, 49, 363-369.	3.3	25
102	Thermal polymerization of methyl (meth)acrylate via reversible addition-fragmentation chain transfer (RAFT) process. <i>Polymer</i> , 2006, 47, 6970-6977.	3.8	25
103	RAFT Polymerization of Styrene Mediated by Ferrocenyl-Containing RAFT Agent and Properties of the Polymer Derived from Ferrocene. <i>Macromolecules</i> , 2009, 42, 3898-3905.	4.8	25
104	Fe(III)-catalyzed AGET ATRP of styrene using triphenyl phosphine as ligand. <i>Polymer Bulletin</i> , 2010, 64, 233-244.	3.3	25
105	Synthesis and characterization of poly(vinyl chloride-co-vinyl acetate)-graft-poly[(meth)acrylates] by atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2005, 96, 183-189.	2.6	24
106	Copper(0)-mediated living radical polymerization of acrylonitrile at room temperature. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1183-1189.	2.3	24
107	AGET ATRP of water-soluble PEGMA: Fast living radical polymerization mediated by iron catalyst. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2194-2200.	2.3	24
108	A highly active homogeneous ICAR ATRP of methyl methacrylate using ppm levels of organocopper catalyst. <i>Polymer Chemistry</i> , 2013, 4, 3725.	3.9	24

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109	Synthesis of high molecular weight and narrow molecular weight distribution poly(acrylonitrile) via RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1197-1204.	2.3	24
110	Iron-Mediated Homogeneous ICAR ATRP of Methyl Methacrylate under ppm Level Organometallic Catalyst Iron(III) Acetylacetonate. <i>Polymers</i> , 2016, 8, 29.	4.5	24
111	Homogeneous Atom Transfer Radical Polymerization of Methyl Methacrylate Under Pulsed Microwave Irradiation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2003, 40, 1157-1171.	2.2	23
112	POLYMER MICROSPHERES WITH PERMANENT ANTIBACTERIAL SURFACE FROM SURFACE-INITIATED ATOM TRANSFER RADICAL POLYMERIZATION OF 4-VINYLPYRIDINE AND QUATERNIZATION. <i>Surface Review and Letters</i> , 2006, 13, 313-318.	1.1	23
113	Dimanganese decacarbonyl/2-cyanoprop-2-yl-1-dithionaphthalate: toward sunlight induced RAFT polymerization of MMA. <i>Polymer Chemistry</i> , 2014, 5, 4641-4648.	3.9	23
114	Highly Active ppm Level Organic Copper Catalyzed Photoinduced ICAR ATRP of Methyl Methacrylate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1879-1885.	3.9	23
115	ICAR ATRP of Acrylonitrile under Ambient and High Pressure. <i>Polymers</i> , 2016, 8, 59.	4.5	23
116	Highly Efficient and Facile Photocatalytic Recycling System Suitable for ICAR ATRP of Hydrophilic Monomers. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1337-1343.	3.9	23
117	Synthesis of fluorescent poly(methyl methacrylate) via AGET ATRP. <i>Polymer Bulletin</i> , 2009, 63, 355-364.	3.3	22
118	Facile Fabrication of Biocompatible and Tunable Multifunctional Nanomaterials via Iron-Mediated Atom Transfer Radical Polymerization with Activators Generated by Electron Transfer. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9663-9669.	8.0	22
119	Cu(II)-Mediated Atom Transfer Radical Polymerization of Methyl Methacrylate via a Strategy of Thermo-Regulated Phase-Separable Catalysis in a Liquid/Liquid Biphasic System: Homogeneous Catalysis, Facile Heterogeneous Separation, and Recycling. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1615-1621.	3.9	22
120	Bifunctional nanoparticles with magnetism and NIR fluorescence: controlled synthesis from combination of AGET ATRP and "click" reaction. <i>Nanotechnology</i> , 2014, 25, 045602.	2.6	21
121	Insight into the polymerization mechanism of photoinduced step transfer-addition & radical-termination (START) polymerizations. <i>Polymer Chemistry</i> , 2017, 8, 3910-3920.	3.9	21
122	Construction of dual-functional polymer nanomaterials with near-infrared fluorescence imaging and polymer prodrug by RAFT-mediated aqueous dispersion polymerization. <i>Nanoscale</i> , 2018, 10, 10277-10287.	5.6	21
123	Reversible addition-fragmentation chain transfer polymerization of 7-(4-(acryloyloxy)butoxy)coumarin. <i>Polymer</i> , 2007, 48, 5859-5866.	3.8	20
124	Reversible addition-fragmentation chain transfer (RAFT) polymerization of styrene in the presence of oxygen. <i>Polymer</i> , 2007, 48, 4393-4400.	3.8	20
125	Modification of SEBS rubber via iron-mediated AGET ATRP in the presence of limited amounts of air. <i>Reactive and Functional Polymers</i> , 2011, 71, 634-640.	4.1	20
126	Ligand-free Cu(0)-mediated controlled radical polymerization of methyl methacrylate at ambient temperature. <i>Journal of Polymer Science Part A</i> , 2012, 50, 711-719.	2.3	20

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127	Diffusion-Regulated Phase-Transfer Catalysis for Atom Transfer Radical Polymerization of Methyl Methacrylate in an Aqueous/Organic Biphasic System. <i>Macromolecular Rapid Communications</i> , 2015, 36, 538-546.	3.9	20
128	A sustainable photocontrolled ATRP strategy: facile separation and recycling of a visible-light-mediated catalyst $[Ir(ppy)_3]$. <i>Polymer Chemistry</i> , 2018, 9, 584-592.	3.9	20
129	Organic/inorganic hybrid nanospheres coated with palladium/P4VP shells from surface-initiated atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2119-2131.	2.3	19
130	Triphenylphosphine as phosphorus catalyst for reversible chain-transfer catalyzed polymerization (RTCP). <i>Polymer Chemistry</i> , 2013, 4, 3069.	3.9	19
131	A High-Efficiency Strategy for Synthesizing Cyclic Polymers of Methacrylates in One Pot. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1014-1019.	3.9	19
132	PMDETA as an efficient catalyst for bulk reversible complexation mediated polymerization (RCMP) in the absence of additional metal salts and deoxygenation. <i>RSC Advances</i> , 2016, 6, 97455-97462.	3.6	19
133	A Facile Strategy for Catalyst Separation and Recycling Suitable for ATRP of Hydrophilic Monomers Using a Macroligand. <i>Macromolecular Rapid Communications</i> , 2016, 37, 143-148.	3.9	19
134	Visible light-induced PET-RAFT polymerization of methacrylates with novel organic photocatalysts. <i>RSC Advances</i> , 2017, 7, 24040-24045.	3.6	19
135	Reversible Addition-Fragmentation Chain Transfer Polymerization of Acrylonitrile under Irradiation of Blue LED Light. <i>Polymers</i> , 2017, 9, 4.	4.5	19
136	Controlled/living radical polymerization of methyl methacrylate using $\hat{\gamma}$ -radiation as an initiation source. <i>Radiation Physics and Chemistry</i> , 2006, 75, 485-492.	2.8	18
137	Modification of multiwall carbon nanotubes via soap-free emulsion polymerization of acrylonitrile. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2057-2062.	2.3	18
138	<i>In situ</i> Cu(0) catalyzed SET-LRP: The first attempt. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4694-4700.	2.3	18
139	Fast RAFT aqueous polymerization in a continuous tubular reactor: consecutive synthesis of a double hydrophilic block copolymer. <i>Polymer Chemistry</i> , 2015, 6, 5030-5035.	3.9	18
140	Organocatalytic Approach to Functional Semifluorinated Polymers Driven by Visible Light. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800151.	3.9	18
141	Preparation of a novel sandwich-type electrochemical immunosensor for AFP detection based on an ATRP and click chemistry technique. <i>Polymer Chemistry</i> , 2020, 11, 900-908.	3.9	18
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