

Andrew B Lowe

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tetrazole as a Carboxylic Acid Isostere and the Synthesis of All Amine-Based Polyampholytes. <i>Macromolecular Rapid Communications</i> , 2022, , 2200096.	3.9	2
2	A scoping review protocol on in vivo human plastic exposure and health impacts. <i>Systematic Reviews</i> , 2022, 11, .	5.3	3
3	Self-healing hydrophobic POSS-functionalized fluorinated copolymers via RAFT polymerization and dynamic Diels-Alder reaction. <i>Polymer Chemistry</i> , 2021, 12, 876-884.	3.9	21
4	(C_4F_9 -Tetrafluorobenzobarrelene)- C_6H_4 -(tri-4-fluorophenyl)phosphine)- C_6H_4 -(2-phenylphenyl)rhodium(I) A Catalyst for the Living Polymerization of Phenylacetylenes. <i>Macromolecules</i> , 2021, 54, 6191-6203.	4.8	6
5	Self-Healable Hydrophobic Material Based on Anthracenyl Functionalized Fluorous Block Copolymers via Reversible Addition-Fragmentation Chain Transfer Polymerization and Rapid Diels-Alder Reaction. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100307.	3.6	1
6	Polymerizations Mediated by Well-Defined Rhodium Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5008-5021.	13.8	33
7	Rh(I)(2,5-norbornadiene)(biphenyl)(tris(4-fluorophenyl)phosphine): Synthesis, Characterization, and Application as an Initiator in the Stereoregular (Co)Polymerization of Phenylacetylenes. <i>ACS Macro Letters</i> , 2020, 9, 56-60.	4.8	18
8	Durch definierte Rhodiumkomplexe vermittelte Polymerisationen. <i>Angewandte Chemie</i> , 2020, 132, 5040-5053.	2.0	11
9	Luminescent Copolymer-Rhenium(I) Hybrid Materials via Picolyamine-Modified Poly(pentafluorophenyl) Tj ETQq1.1 0.784314 rgB	2.2	2
10	Rhenium(I)-tetrazolato functional luminescent polymers: Organic-inorganic hybrids via RAFT and post-polymerization modification. <i>European Polymer Journal</i> , 2020, 126, 109559.	5.4	5
11	Tetrazole functional copolymers: Facile access to well-defined Rhenium(I)-Polymeric luminescent materials. <i>Polymer</i> , 2020, 198, 122522.	3.8	9
12	POSS and fluorine containing nanostructured block copolymer; Synthesis via RAFT polymerization and its application as hydrophobic coating material. <i>European Polymer Journal</i> , 2020, 131, 109679.	5.4	12
13	A (2-(naphthalen-2-yl)phenyl)rhodium(I) complex formed by a proposed intramolecular 1,4-ortho-to-ortho ² Rh metal-atom migration and its efficacy as an initiator in the controlled stereospecific polymerisation of phenylacetylene. <i>Dalton Transactions</i> , 2019, 48, 16437-16447.	3.3	10
14	Rhodium(I)-Phenylvinylfluorenyl Complexes: Synthesis, Characterization, and Evaluation as Initiators in the Stereospecific Polymerization of Phenylacetylene. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 592-601.	2.0	9
15	Stimulus-Responsive Nanoparticles and Associated (Reversible) Polymorphism via Polymerization Induced Self-Assembly (PISA). <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600528.	3.9	111
16	Stimulus-responsive polymers. <i>Polymer Chemistry</i> , 2017, 8, 10-11.	3.9	50
17	Reactive Conjugated Polymers: Synthesis, Modification, and Electrochemical Properties of Polypentafluorophenylacetylene (Co)Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600450.	3.9	22
18	RAFT alcoholic dispersion polymerization with polymerization-induced self-assembly. <i>Polymer</i> , 2016, 106, 161-181.	3.8	139

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19	Triply responsive soft matter nanoparticles based on poly[oligo(ethylene glycol) methyl ether methacrylate- <i>b</i> -3-phenylpropyl methacrylate] copolymers. <i>Polymer Chemistry</i> , 2016, 7, 2740-2750.	3.9	24
20	Synthesis and characterisation of non-ionic AB-diblock nanoparticles prepared by RAFT dispersion polymerization with polymerization-induced self-assembly. <i>RSC Advances</i> , 2016, 6, 28130-28139.	3.6	13
21	Design of Thermoresponsive Polymers with Aqueous LCST, UCST, or Both: Modification of a Reactive Poly(2-vinyl-4,4-dimethylazlactone) Scaffold. <i>Macromolecules</i> , 2016, 49, 672-680.	4.8	88
22	Microwave-assisted synthesis of block copolymer nanoparticles via RAFT with polymerization-induced self-assembly in methanol. <i>Polymer Chemistry</i> , 2016, 7, 297-301.	3.9	52
23	Soft Matter Nanoparticles with Reactive Coronol Pentafluorophenyl Methacrylate Residues via Non-Polar RAFT Dispersion Polymerization and Polymerization-Induced Self-Assembly. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2326-2335.	2.3	48
24	Thiol-reactive Passerini-methacrylates and polymorphic surface functional soft matter nanoparticles via ethanolic RAFT dispersion polymerization and post-synthesis modification. <i>Polymer Chemistry</i> , 2015, 6, 1928-1931.	3.9	55
25	Synthesis of poly(stearyl methacrylate- <i>b</i> -3-phenylpropyl methacrylate) nanoparticles in <i>n</i> -octane and associated thermoreversible polymorphism. <i>RSC Advances</i> , 2015, 5, 17636-17646.	3.6	61
26	Simultaneous ROMP and titania sol-gel reactions and nanodispersed functional organic-inorganic composite hybrid materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 693-702.	5.5	5
27	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.	4.8	129
28	Ethanolic 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.	0.9	20
29	The synthesis and aqueous solution properties of sulfobutylbetaine (co)polymers: comparison of synthetic routes and tuneable upper critical solution temperatures. <i>Polymer Chemistry</i> , 2015, 6, 5705-5718.	3.9	92
30	Nanoparticles Based on Star Polymers as Theranostic Vectors: Endosomal-Triggered Drug Release Combined with MRI Sensitivity. <i>Advanced Healthcare Materials</i> , 2015, 4, 148-156.	7.6	52
31	pH-, thermo- and electrolyte-responsive polymer gels derived from a well-defined, RAFT-synthesized, poly(2-vinyl-4,4-dimethylazlactone) homopolymer via one-pot post-polymerization modification. <i>European Polymer Journal</i> , 2015, 62, 204-213.	5.4	18
32	RAFT-prepared $\hat{\pm}$ -difunctional poly(2-vinyl-4,4-dimethylazlactone)s and their derivatives: synthesis and effect of end-groups on aqueous inverse temperature solubility. <i>Polymer Chemistry</i> , 2015, 6, 118-127.	3.9	13
33	ROMP synthesis of novel thermo-, pH-, and salt-responsive (co)polymers containing the morpholino functional group. <i>Journal of Polymer Science Part A</i> , 2015, 53, 50-58.	2.3	6
34	Macromol. Rapid Commun. 8/2014. <i>Macromolecular Rapid Communications</i> , 2014, 35, 848-848.	3.9	0
35	Novel $\hat{\pm}$ -Bischolesteryl Functional (Co)Polymers: RAFT Radical Polymerization Synthesis and Preliminary Solution Characterization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 813-820.	3.9	10
36	Thiol-Michael coupling and ring-opening metathesis polymerization: facile access to functional exo-oxanorbornene dendron macromonomers. <i>Polymer International</i> , 2014, 63, 1174-1183.	3.1	11

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37	Combining Ring-Opening Metathesis Polymerization and Thiol-Ene Coupling Chemistries: Facile Access to Novel Functional Linear and Nonlinear Macromolecules. <i>Macromolecular Rapid Communications</i> , 2014, 35, 391-404.	3.9	31
38	Thiol-ene "click" reactions and recent applications in polymer and materials synthesis: a first update. <i>Polymer Chemistry</i> , 2014, 5, 4820-4870.	3.9	648
39	Polymerization-induced self-assembly: ethanolic RAFT dispersion polymerization of 2-phenylethyl methacrylate. <i>Polymer Chemistry</i> , 2014, 5, 2342-2351.	3.9	121
40	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.	2.7	84
41	ROMP (co)polymers with pendent alkyne side groups: post-polymerization modification employing thiol-yne and CuAAC coupling chemistries. <i>Polymer Chemistry</i> , 2014, 5, 5339-5349.	3.9	16
42	Functional 1,3-dienes via thiol-Michael chemistry: synthesis, oxidative protection, acyclic diene metathesis (ADMET) polymerization and radical thiol-ene modification. <i>Polymer Chemistry</i> , 2014, 5, 6225-6235.	3.9	20
43	Mechano-responsive polymer solutions based on CO ₂ supersaturation: shaking-induced phase transitions and self-assembly or dissociation of polymeric nanoparticles. <i>Chemical Communications</i> , 2014, 50, 9561-9564.	4.1	15
44	Postpolymerization synthesis of (bis)amide (co)polymers: Thermoresponsive behavior and self-association. <i>Polymer</i> , 2014, 55, 4425-4431.	3.8	19
45	Thiol-yne "click"/coupling chemistry and recent applications in polymer and materials synthesis and modification. <i>Polymer</i> , 2014, 55, 5517-5549.	3.8	254
46	The precise molecular location of gadolinium atoms has a significant influence on the efficacy of nanoparticulate MRI positive contrast agents. <i>Polymer Chemistry</i> , 2014, 5, 2592-2601.	3.9	44
47	Amidine functionality as a stimulus-responsive building block. <i>Chemical Society Reviews</i> , 2013, 42, 7326.	38.1	94
48	Factors influencing the synthesis and the post-modification of PEGylated pentafluorophenyl acrylate containing copolymers. <i>European Polymer Journal</i> , 2013, 49, 3060-3071.	5.4	27
49	Nucleophilic thiol-Michael chemistry and hyperbranched (co)polymers: synthesis and ring-opening metathesis (co)polymerization of novel difunctional exo-7-oxanorbornenes with in situ inimer formation. <i>Polymer Chemistry</i> , 2013, 4, 3300.	3.9	26
50	Reversible addition-fragmentation chain transfer synthesis of amidine-based, CO ₂ -responsive homo and AB diblock (Co)polymers comprised of histamine and their gas-triggered self-assembly in water. <i>Journal of Polymer Science Part A</i> , 2013, 51, 394-404.	2.3	73
51	Post-functionalization of a ROMP polymer backbone via radical thiol-ene coupling chemistry. <i>Journal of Polymer Science Part A</i> , 2013, 51, 487-492.	2.3	49
52	Thermoresponsive (Co)polymers through Postpolymerization Modification of Poly(2-vinyl-4,4-dimethylazlactone). <i>Macromolecules</i> , 2013, 46, 6475-6484.	4.8	45
53	End-group Functionalization of RAFT-prepared Polymers Using Thiol-X Chemistries. <i>RSC Polymer Chemistry Series</i> , 2013, , 28-58.	0.2	5
54	RAFT Synthesis and Aqueous Solution Behavior of Novel pH- and Thermo-Responsive (Co)Polymers Derived from Reactive Poly(2-vinyl-4,4-dimethylazlactone) Scaffolds. <i>Macromolecules</i> , 2013, 46, 7290-7302.	4.8	44

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55	UCST-driven self-assembly and crosslinking of diblock copolymer micelles. <i>Polymer Chemistry</i> , 2012, 3, 2228.	3.9	32
56	Thiol-Michael coupling chemistry: facile access to a library of functional exo-7-oxanorbornenes and their ring-opening metathesis (co)polymerization. <i>Polymer Chemistry</i> , 2012, 3, 1647.	3.9	29
57	Synthesis and Thermoresponsive Solution Properties of Poly[oligo(ethylene glycol) (meth)acrylamide]s: Biocompatible PEG Analogues. <i>Macromolecules</i> , 2012, 45, 1362-1374.	4.8	119
58	Comparison between the LCST and UCST Transitions of Double Thermoresponsive Diblock Copolymers: Insights into the Behavior of POEGMA in Alcohols. <i>Macromolecules</i> , 2012, 45, 3221-3230.	4.8	103
59	Macromolecular Ligands for Gadolinium MRI Contrast Agents. <i>Macromolecules</i> , 2012, 45, 4196-4204.	4.8	133
60	Polymer-gold nanohybrids with potential use in bimodal MRI/CT: enhancing the relaxometric properties of Gd(III) complexes. <i>Journal of Materials Chemistry</i> , 2012, 22, 21382.	6.7	34
61	Facile Access to Polymeric Vesicular Nanostructures: Remarkable π -End group Effects in Cholesterol and Pyrene Functional (Co)Polymers. <i>Macromolecules</i> , 2011, 44, 299-312.	4.8	59
62	Macromolecular thiolysis of oxiranes: end-group modification of RAFT prepared homopolymers. <i>Polymer Chemistry</i> , 2011, 2, 1347.	3.9	36
63	RAFT Polymerization and Thiol Chemistry: A Complementary Pairing for Implementing Modern Macromolecular Design. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1123-1143.	3.9	182
64	Combining RAFT Radical Polymerization and Click/Highly Efficient Coupling Chemistries: A Powerful Strategy for the Preparation of Novel Materials. <i>Macromolecular Rapid Communications</i> , 2011, 32, 779-800.	3.9	68
65	End Group Reactions of RAFT-Prepared (Co)Polymers. <i>Australian Journal of Chemistry</i> , 2011, 64, 992.	0.9	63
66	Thiol-Based 'Click' Chemistries in Polymer: Synthesis and Modification. <i>Australian Journal of Chemistry</i> , 2010, 63, 1251.	0.9	70
67	Thiol-ene "click" reactions and recent applications in polymer and materials synthesis. <i>Polymer Chemistry</i> , 2010, 1, 17-36.	3.9	1,331
68	Combining Thio α -Bromo "Click" Chemistry and RAFT Polymerization: A Powerful Tool for Preparing Functionalized Multiblock and Hyperbranched Polymers. <i>Macromolecules</i> , 2010, 43, 20-24.	4.8	153
69	Synthesis, Thiol α -Yne "Click" Photopolymerization, and Physical Properties of Networks Derived from Novel Multifunctional Alkynes. <i>Macromolecules</i> , 2010, 43, 4937-4942.	4.8	114
70	Thiol-yne click chemistry: A powerful and versatile methodology for materials synthesis. <i>Journal of Materials Chemistry</i> , 2010, 20, 4745.	6.7	448
71	Thiol-click chemistry: a multifaceted toolbox for small molecule and polymer synthesis. <i>Chemical Society Reviews</i> , 2010, 39, 1355.	38.1	1,426
72	Nucleophile-Initiated Thiol-Michael Reactions: Effect of Organocatalyst, Thiol, and Ene. <i>Macromolecules</i> , 2010, 43, 6381-6388.	4.8	320

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73	Improved Molecular Weight Control in Ring-Opening Metathesis Polymerization (ROMP) Reactions with Ru-Based Olefin Metathesis Catalysts Using N Donors and Acid: A Kinetic and Mechanistic Investigation. <i>Chemistry - A European Journal</i> , 2009, 15, 12435-12446.	3.3	39
74	Ru-Based Olefin Metathesis Catalysts Bearing pH-Responsive N-Heterocyclic Carbene (NHC) Ligands: Activity Control via Degree of Protonation. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1717-1722.	2.0	58
75	Synthesis of di- and tri-tertiary amine containing methacrylic monomers and their (co)polymerization via RAFT. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1877-1890.	2.3	14
76	Sequential thiol-ene/thiol-yne and thiol-ene/thiol-yne reactions as a route to well-defined mono and bis end-functionalized poly(<i>N</i> -isopropylacrylamide). <i>Journal of Polymer Science Part A</i> , 2009, 47, 3544-3557.	2.3	203
77	The nucleophilic, phosphine-catalyzed thiol-ene click reaction and convergent star synthesis with RAFT-prepared homopolymers. <i>Polymer</i> , 2009, 50, 3158-3168.	3.8	104
78	RAFT Synthesis and Stimulus-Induced Self-Assembly in Water of Copolymers Based on the Biocompatible Monomer 2-(Methacryloyloxy)ethyl Phosphorylcholine. <i>Biomacromolecules</i> , 2009, 10, 950-958.	5.4	76
79	Photopolymerization of Thiol-Alkynes: Polysulfide Networks. <i>Chemistry of Materials</i> , 2009, 21, 1579-1585.	6.7	119
80	The Thiol-Isocyanate Click Reaction: Facile and Quantitative Access to α -End-Functional Poly(<i>N,N</i> -diethylacrylamide) Synthesized by RAFT Radical Polymerization. <i>Macromolecules</i> , 2009, 42, 6537-6542.	4.8	161
81	Sequential Phosphine-Catalyzed, Nucleophilic Thiol-ene/Radical-Mediated Thiol-yne Reactions and the Facile Orthogonal Synthesis of Polyfunctional Materials. <i>Journal of the American Chemical Society</i> , 2009, 131, 5751-5753.	13.7	257
82	Substituted hippurates and hippurate analogs as substrates and inhibitors of peptidylglycine α -hydroxylating monooxygenase (PHM). <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10061-10074.	3.0	12
83	Convergent synthesis of 3-arm star polymers from RAFT-prepared poly(<i>N,N</i> -diethylacrylamide) via a thiol-ene click reaction. <i>Chemical Communications</i> , 2008, , 4959.	4.1	235
84	New Well-Defined Polymeric Betaines: First Report Detailing the Synthesis and ROMP of Salt-Responsive Sulfopropylbetaine- and Carboxyethylbetaine- <i>exo</i> -7-oxanorbornene Monomers. <i>Macromolecules</i> , 2008, 41, 614-622.	4.8	42
85	Surface Modification of Gold Nanorods with Polymers Synthesized by Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Chemistry of Materials</i> , 2007, 19, 6-13.	6.7	107
86	Anti-HIV-1 Activity of Poly(mandelic acid) Derivatives. <i>Biomacromolecules</i> , 2007, 8, 3308-3316.	5.4	20
87	Benzylidene-Functionalized Ruthenium-Based Olefin Metathesis Catalysts for Ring-Opening Metathesis Polymerization in Organic and Aqueous Media. <i>Organometallics</i> , 2007, 26, 6515-6518.	2.3	36
88	RAFT Synthesis and Solution Properties of pH-Responsive Styrenic-Based AB Diblock Copolymers of 4-Vinylbenzyltrimethylphosphonium Chloride with <i>N,N</i> -dimethylbenzylvinylamine. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2339-2347.	2.2	21
89	Effect of the Halide Counterion in the ROMP of <i>exo</i> -Benzylidene[3,5-dioxo-10-oxa-4-azabicyclo[5.2.1.0 ^{2,6}]]decane-8-ene-4-yl dimethyl ammonium Bromide/Chloride. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2389-2395.		
90	Reversible addition-fragmentation chain transfer (RAFT) radical polymerization and the synthesis of water-soluble (co)polymers under homogeneous conditions in organic and aqueous media. <i>Progress in Polymer Science</i> , 2007, 32, 283-351.	24.7	695

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91	The controlled homogeneous organic solution polymerization of new hydrophilic cationicexo-7-oxanorbornenes via ROMP with RuCl ₂ (PCy ₃) ₂ CHPh in a novel 2,2,2-trifluoroethanol/methylenechloride solvent mixture. Journal of Polymer Science Part A, 2007, 45, 2113-2128.	2.3	38
92	RAFT polymerization of styrenic-based phosphonium monomers and a new family of well-defined statistical and block polyampholytes. Journal of Polymer Science Part A, 2007, 45, 2468-2483.	2.3	62
93	Photopolymerization kinetics of ionic liquid monomers derived from the neutralization reaction between trialkylamines and acid-containing (meth)acrylates. Journal of Polymer Science Part A, 2007, 45, 3009-3021.	2.3	40
94	A doubly responsive AB diblock copolymer: RAFT synthesis and aqueous solution properties of poly(<i>N</i> -isopropylacrylamide- <i>b</i> -vinylbenzoic acid). Journal of Polymer Science Part A, 2007, 45, 5864-5871.	2.3	61
95	Synthesis of controlled-structure AB diblock copolymers of 3-O-methacryloyl-1,2:3,4-di-O-isopropylidene-D-galactopyranose and 2-(dimethylamino)ethyl methacrylate. Polymer, 2007, 48, 2221-2230.	3.8	65
96	Direct Synthesis of Thermally Responsive DMA/NIPAM Diblock and DMA/NIPAM/DMA Triblock Copolymers via Aqueous, Room Temperature RAFT Polymerization. Macromolecules, 2006, 39, 1724-1730.	4.8	327
97	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. Journal of Polymer Science Part A, 2006, 44, 5809-5831.	2.3	429
98	Characterization of pH-dependent micellization of polystyrene-based cationic block copolymers prepared by reversible addition-fragmentation chain transfer (RAFT) radical polymerization. Polymer, 2006, 47, 4333-4340.	3.8	34
99	Synthesis of Polyelectrolytes via Ring Opening Metathesis Polymerization. ACS Symposium Series, 2006, , 117-128.	0.5	3
100	Synthetic Polyzwitterions: Water-Soluble Copolymers and Terpolymers. ACS Symposium Series, 2006, , 47-63.	0.5	7
101	Reversible Addition Fragmentation Chain Transfer Polymerization of Water-Soluble, Ion-Containing Monomers. ACS Symposium Series, 2006, , 95-115.	0.5	11
102	Synthesis, Aqueous Solution Properties, and Biomedical Application of Polymeric Betaines. ACS Symposium Series, 2006, , 65-78.	0.5	4
103	Antimicrobial activity of statistical polymethacrylic sulfopropylbetaines against gram-positive and gram-negative bacteria. Journal of Applied Polymer Science, 2006, 101, 1036-1041.	2.6	52
104	Synthesis of Terminally Functionalized (Co)Polymers via Reversible Addition Fragmentation Chain Transfer Polymerization and Subsequent Immobilization to Solid Surfaces with Potential Biosensor Applications. ACS Symposium Series, 2005, , 43-54.	0.5	5
105	Aqueous RAFT Polymerization of Acrylamide and <i>N,N</i> -Dimethylacrylamide at Room Temperature. Macromolecular Rapid Communications, 2005, 26, 791-795.	3.9	104
106	Controlled/living polymerization of methacrylamide in aqueous media via the RAFT process. Journal of Polymer Science Part A, 2005, 43, 3141-3152.	2.3	49
107	Direct, Controlled Synthesis of the Nonimmunogenic, Hydrophilic Polymer, Poly(<i>N</i> -(2-hydroxypropyl)methacrylamide) via RAFT in Aqueous Media. Biomacromolecules, 2005, 6, 1846-1850.	5.4	182
108	Synthesis and Evaluation of New Dicarboxylic Acid Functional Trithiocarbonates: A RAFT Synthesis of Telechelic Poly(<i>n</i> -butyl acrylate)s. Macromolecules, 2005, 38, 9518-9525.	4.8	131

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109	Aqueous solution properties of pH-responsive AB diblock acrylamido-styrenic copolymers synthesized via aqueous reversible addition-fragmentation chain transfer. <i>Journal of Polymer Science Part A</i> , 2004, 42, 1724-1734.	2.3	85
110	Aqueous RAFT Polymerization: Recent Developments in Synthesis of Functional Water-Soluble (Co)polymers with Controlled Structures. <i>ChemInform</i> , 2004, 35, no.	0.0	1
111	Facile, Controlled, Room-Temperature RAFT Polymerization of N-Isopropylacrylamide. <i>Biomacromolecules</i> , 2004, 5, 1177-1180.	5.4	230
112	Hydrolytic Susceptibility of Dithioester Chain Transfer Agents and Implications in Aqueous RAFT Polymerizations. <i>Macromolecules</i> , 2004, 37, 1735-1741.	4.8	228
113	Kinetics and Molecular Weight Control of the Polymerization of Acrylamide via RAFT. <i>Macromolecules</i> , 2004, 37, 8941-8950.	4.8	151
114	Aqueous RAFT Polymerization: Recent Developments in Synthesis of Functional Water-Soluble (Co)polymers with Controlled Structures. <i>Accounts of Chemical Research</i> , 2004, 37, 312-325.	15.6	529
115	RAFT Polymerization in Homogeneous Aqueous Media. <i>ACS Symposium Series</i> , 2003, , 586-602.	0.5	7
116	Water-Soluble Polymers. Part 89. Synthesis and Solution Properties of Zwitterionic Polymers. <i>ChemInform</i> , 2003, 34, no.	0.0	0
117	The direct polymerization of 2-methacryloxyethyl glucoside via aqueous reversible addition-fragmentation chain transfer (RAFT) polymerization. <i>Polymer</i> , 2003, 44, 6761-6765.	3.8	148
118	Sulfobetaine-containing diblock and triblock copolymers via reversible addition-fragmentation chain transfer polymerization in aqueous media. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1262-1281.	2.3	108
119	Aqueous Solution Properties of pH-Responsive AB Diblock Acrylamido Copolymers Synthesized via Aqueous RAFT. <i>Macromolecules</i> , 2003, 36, 5982-5987.	4.8	137
120	Modification of Gold Surfaces with Water-Soluble (Co)polymers Prepared via Aqueous Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. <i>Langmuir</i> , 2003, 19, 5559-5562.	3.5	195
121	Conditions for Facile, Controlled RAFT Polymerization of Acrylamide in Water. <i>Macromolecules</i> , 2003, 36, 1436-1439.	4.8	129
122	Synthesis of Block Copolymers of 2- and 4-Vinylpyridine by RAFT Polymerization. <i>Macromolecules</i> , 2003, 36, 4679-4681.	4.8	123
123	Homogeneous Controlled Free Radical Polymerization in Aqueous Media. <i>Australian Journal of Chemistry</i> , 2002, 55, 367.	0.9	84
124	Controlled/Living Polymerization of Sulfobetaine Monomers Directly in Aqueous Media via RAFT. <i>Macromolecules</i> , 2002, 35, 8663-8666.	4.8	121
125	Synthesis and Solution Properties of Zwitterionic Polymers. <i>Chemical Reviews</i> , 2002, 102, 4177-4190.	47.7	804
126	RAFT Polymerization of N,N-Dimethylacrylamide in Water. <i>Macromolecules</i> , 2002, 35, 4570-4572.	4.8	144

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127	Facile Preparation of Transition Metal Nanoparticles Stabilized by Well-Defined (Co)polymers Synthesized via Aqueous Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Journal of the American Chemical Society</i> , 2002, 124, 11562-11563.	13.7	359
128	Raft Polymerization of N,N-Dimethylacrylamide Utilizing Novel Chain Transfer Agents Tailored for High Reinitiation Efficiency and Structural Control. <i>Macromolecules</i> , 2002, 35, 4123-4132.	4.8	176
129	Water-Soluble Polymers. 81. Direct Synthesis of Hydrophilic Styrenic-Based Homopolymers and Block Copolymers in Aqueous Solution via RAFT. <i>Macromolecules</i> , 2001, 34, 2248-2256.	4.8	705
130	Water-Soluble Polymers. 84. Controlled Polymerization in Aqueous Media of Anionic Acrylamido Monomers via RAFT. <i>Macromolecules</i> , 2001, 34, 6561-6564.	4.8	158
131	Well-defined sulfobetaine-based statistical copolymers as potential antibioadherent coatings. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 88-94.	3.1	92
132	Stimuli Responsive Water-Soluble and Amphiphilic (Co)polymers. <i>ACS Symposium Series</i> , 2000, , 1-13.	0.5	23
133	Synthesis of Zwitterionic Shell Cross-Linked Micelles. <i>Journal of the American Chemical Society</i> , 1999, 121, 4288-4289.	13.7	245
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