

Andrew B Lowe

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Thiol-click chemistry: a multifaceted toolbox for small molecule and polymer synthesis. <i>Chemical Society Reviews</i> , 2010, 39, 1355.	38.1	1,426
2	Thiol-ene "click" reactions and recent applications in polymer and materials synthesis. <i>Polymer Chemistry</i> , 2010, 1, 17-36.	3.9	1,331
3	Synthesis and Solution Properties of Zwitterionic Polymers. <i>Chemical Reviews</i> , 2002, 102, 4177-4190.	47.7	804
4	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
5	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
6	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
7	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
8	Thiol-yne click chemistry: A powerful and versatile methodology for materials synthesis. <i>Journal of Materials Chemistry</i> , 2010, 20, 4745.	6.7	448
9	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5809-5831.	2.3	429
10	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
11	Direct Synthesis of Thermally Responsive DMA/NIPAM Diblock and DMA/NIPAM/DMA Triblock Copolymers via Aqueous, Room Temperature RAFT Polymerization. <i>Macromolecules</i> , 2006, 39, 1724-1730.	4.8	327
12	Nucleophile-Initiated Thiol-Michael Reactions: Effect of Organocatalyst, Thiol, and Ene. <i>Macromolecules</i> , 2010, 43, 6381-6388.	4.8	320
13	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
14	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
15	Synthesis of Zwitterionic Shell Cross-Linked Micelles. <i>Journal of the American Chemical Society</i> , 1999, 121, 4288-4289.	13.7	245
16	Convergent synthesis of 3-arm star polymers from RAFT-prepared poly(N,N-diethylacrylamide) via a thiol-ene click reaction. <i>Chemical Communications</i> , 2008, , 4959.	4.1	235
17	Facile, Controlled, Room-Temperature RAFT Polymerization of N-Isopropylacrylamide. <i>Biomacromolecules</i> , 2004, 5, 1177-1180.	5.4	230
18	Hydrolytic Susceptibility of Dithioester Chain Transfer Agents and Implications in Aqueous RAFT Polymerizations. <i>Macromolecules</i> , 2004, 37, 1735-1741.	4.8	228

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19	Sequential thiol-ene/thiol-ene 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
20	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
21	Direct, Controlled Synthesis of the Nonimmunogenic, Hydrophilic Polymer, Poly(<i>N</i> -(2-hydroxypropyl)methacrylamide) via RAFT in Aqueous Media. <i>Biomacromolecules</i> , 2005, 6, 1846-1850.	5.4	182
22	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
23	Raft Polymerization of <i>N,N</i> -Dimethylacrylamide Utilizing Novel Chain Transfer Agents Tailored for High Reinitiation Efficiency and Structural Control. <i>Macromolecules</i> , 2002, 35, 4123-4132.	4.8	176
24	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
25	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
26	Synthesis and Characterization of Zwitterionic Block Copolymers. <i>Macromolecules</i> , 1998, 31, 5991-5998.	4.8	153
27	Combining Thio-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
28	Kinetics and Molecular Weight Control of the Polymerization of Acrylamide via RAFT. <i>Macromolecules</i> , 2004, 37, 8941-8950.	4.8	151
29	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
30	RAFT Polymerization of <i>N,N</i> -Dimethylacrylamide in Water. <i>Macromolecules</i> , 2002, 35, 4570-4572.	4.8	144
31	RAFT alcoholic dispersion polymerization with polymerization-induced self-assembly. <i>Polymer</i> , 2016, 106, 161-181.	3.8	139
32	Aqueous Solution Properties of pH-Responsive AB Diblock Acrylamido Copolymers Synthesized via Aqueous RAFT. <i>Macromolecules</i> , 2003, 36, 5982-5987.	4.8	137
33	Macromolecular Ligands for Gadolinium MRI Contrast Agents. <i>Macromolecules</i> , 2012, 45, 4196-4204.	4.8	133
34	Synthesis and Evaluation of New Dicarboxylic Acid Functional Trithiocarbonates: RAFT Synthesis of Telechelic Poly(<i>n</i> -butyl acrylate)s. <i>Macromolecules</i> , 2005, 38, 9518-9525.	4.8	131
35	Conditions for Facile, Controlled RAFT Polymerization of Acrylamide in Water. <i>Macromolecules</i> , 2003, 36, 1436-1439.	4.8	129
36	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

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37	Synthesis of Block Copolymers of 2- and 4-Vinylpyridine by RAFT Polymerization. <i>Macromolecules</i> , 2003, 36, 4679-4681.	4.8	123
38	Controlled/Living Polymerization of Sulfobetaine Monomers Directly in Aqueous Media via RAFT. <i>Macromolecules</i> , 2002, 35, 8663-8666.	4.8	121
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	Photopolymerization of Thiol-Alkynes: Polysulfide Networks. <i>Chemistry of Materials</i> , 2009, 21, 1579-1585.	6.7	119
41	Synthesis and Thermo-responsive Solution Properties of Poly[oligo(ethylene glycol) (meth)acrylamide]s: Biocompatible PEG Analogues. <i>Macromolecules</i> , 2012, 45, 1362-1374.	4.8	119
42	Synthesis and Properties of Low-Polydispersity Poly(sulfopropylbetaine)s and Their Block Copolymers. <i>Macromolecules</i> , 1999, 32, 2141-2148.	4.8	116
43	Synthesis, Thiol-Yne Click-Photopolymerization, and Physical Properties of Networks Derived from Novel Multifunctional Alkynes. <i>Macromolecules</i> , 2010, 43, 4937-4942.	4.8	114
44	Stimulus-Responsive Nanoparticles and Associated (Reversible) Polymorphism via Polymerization Induced Self-Assembly (PISA). <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600528.	3.9	111
45	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
46	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
47	Aqueous RAFT Polymerization of Acrylamide and N,N-Dimethylacrylamide at Room Temperature. <i>Macromolecular Rapid Communications</i> , 2005, 26, 791-795.	3.9	104
48	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
49	Comparison between the LCST and UCST Transitions of Double Thermo-responsive Diblock Copolymers: Insights into the Behavior of POEGMA in Alcohols. <i>Macromolecules</i> , 2012, 45, 3221-3230.	4.8	103
50	Amidine functionality as a stimulus-responsive building block. <i>Chemical Society Reviews</i> , 2013, 42, 7326.	38.1	94
51	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
52	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
53	ABC triblock polymethacrylates: Group transfer polymerization synthesis of the ABC, ACB, and BAC topological isomers and solution characterization. <i>Journal of Polymer Science Part A</i> , 1998, 36, 617-631.	2.3	89
54	Design of Thermo-responsive 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

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55	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
56	Homogeneous Controlled Free Radical Polymerization in Aqueous Media. <i>Australian Journal of Chemistry</i> , 2002, 55, 367.	0.9	84
57	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
58	Synthesis and aqueous solution properties of novel zwitterionic block copolymers. <i>Chemical Communications</i> , 1997, , 1035-1036.	4.1	83
59	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
60	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
61	Selective betainisation of tertiary amine methacrylate block copolymers. <i>Journal of Materials Chemistry</i> , 1997, 7, 1693-1695.	6.7	72
62	Thiol-Based 'Click' Chemistries in Polymer: Synthesis and Modification. <i>Australian Journal of Chemistry</i> , 2010, 63, 1251.	0.9	70
63	Synthesis of polybetaines with narrow molecular mass distribution and controlled architecture. <i>Chemical Communications</i> , 1996, , 1555.	4.1	68
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	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. <i>Polymer</i> , 2007, 48, 2221-2230.	3.8	65
66	Micelles of Hydrophilic~Hydrophobic Poly(sulfobetaine)-Based Block Copolymers. <i>Macromolecules</i> , 1997, 30, 2509-2512.	4.8	63
67	End Group Reactions of RAFT-Prepared (Co)Polymers. <i>Australian Journal of Chemistry</i> , 2011, 64, 992.	0.9	63
68	RAFT polymerization of styrenic-based phosphonium monomers and a new family of well-defined statistical and block polyampholytes. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2468-2483.	2.3	62
69	A doubly responsive AB diblock copolymer: RAFT synthesis and aqueous solution properties of poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -poly(vinylbenzoic acid). <i>Journal of Polymer Science Part A</i> , 2007, 45, 5864-5871.	2.3	61
70	Synthesis of poly(stearyl methacrylate- <i>b</i> -3-phenylpropyl methacrylate) nanoparticles in n-octane and associated thermoreversible polymorphism. <i>RSC Advances</i> , 2015, 5, 17636-17646.	3.6	61
71	Facile Access to Polymeric Vesicular Nanostructures: Remarkable %End group Effects in Cholesterol and Pyrene Functional (Co)Polymers. <i>Macromolecules</i> , 2011, 44, 299-312.	4.8	59
72	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

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73	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
74	Antimicrobial activity of statistical polymethacrylic sulfopropylbetaines against gram-positive and gram-negative bacteria. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1036-1041.	2.6	52
75	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
76	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
77	Stimulus-responsive polymers. <i>Polymer Chemistry</i> , 2017, 8, 10-11.	3.9	50
78	Controlled/living polymerization of methacrylamide in aqueous media via the RAFT process. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3141-3152.	2.3	49
79	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
80	Soft Matter Nanoparticles with Reactive Coronal 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
81	Thermoresponsive (Co)polymers through Postpolymerization Modification of Poly(2-vinyl-4,4-dimethylazlactone). <i>Macromolecules</i> , 2013, 46, 6475-6484.	4.8	45
82	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
83	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
84	New Well-Defined Polymeric Betaines: First Report Detailing the Synthesis and ROMP of Salt-Responsive Sulfopropylbetaine- and Carboxyethylbetaine-exo-7-oxanorbornene Monomers. <i>Macromolecules</i> , 2008, 41, 614-622.	4.8	42
85	Photopolymerization kinetics of ionic liquid monomers derived from the neutralization reaction between trialkylamines and acid-containing (meth)acrylates. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3009-3021.	2.3	40
86	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
87	The controlled homogeneous organic solution polymerization of new hydrophilic cationic-exo-7-oxanorbornenes via ROMP with RuCl ₂ (PCy ₃) ₂ CHPh in a novel 2,2,2-trifluoroethanol/methylenechloride solvent mixture. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2113-2128.	2.3	38
88	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
89	Macromolecular thiolysis of oxiranes: end-group modification of RAFT prepared homopolymers. <i>Polymer Chemistry</i> , 2011, 2, 1347.	3.9	36
90	Characterization of pH-dependent micellization of polystyrene-based cationic block copolymers prepared by reversible addition-fragmentation chain transfer (RAFT) radical polymerization. <i>Polymer</i> , 2006, 47, 4333-4340.	3.8	34

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91	Polymer- <i>gold</i> 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
92	Polymerizations Mediated by Well-Defined Rhodium Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5008-5021.	13.8	33
93	UCST-driven self-assembly and crosslinking of diblock copolymer micelles. <i>Polymer Chemistry</i> , 2012, 3, 2228.	3.9	32
94	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
95	Thiol-Michael coupling chemistry: facile access to a library of functional <i>exo-7-oxanorbornenes</i> and their ring-opening metathesis (co)polymerization. <i>Polymer Chemistry</i> , 2012, 3, 1647.	3.9	29
96	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
97	Nucleophilic thiol-Michael chemistry and hyperbranched (co)polymers: synthesis and ring-opening metathesis (co)polymerization of novel difunctional <i>exo-7-oxanorbornenes</i> with in situ iminer formation. <i>Polymer Chemistry</i> , 2013, 4, 3300.	3.9	26
98	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.	3.9	24
99	Stimuli Responsive Water-Soluble and Amphiphilic (Co)polymers. <i>ACS Symposium Series</i> , 2000, , 1-13.	0.5	23
100	Reactive Conjugated Polymers: Synthesis, Modification, and Electrochemical Properties of Polypentafluorophenylacetylene (Co)Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600450.	3.9	22
101	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
102	Self-healing hydrophobic POSS-functionalized fluorinated copolymers <i>via</i> RAFT polymerization and dynamic Diels-Alder reaction. <i>Polymer Chemistry</i> , 2021, 12, 876-884.	3.9	21
103	Anti-HIV-1 Activity of Poly(mandelic acid) Derivatives. <i>Biomacromolecules</i> , 2007, 8, 3308-3316.	5.4	20
104	Functional <i>1,3</i> -dienes <i>via</i> 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
105	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
106	Postpolymerization synthesis of (bis)amide (co)polymers: Thermo-responsive behavior and self-association. <i>Polymer</i> , 2014, 55, 4425-4431.	3.8	19
107	pH-, thermo- and electrolyte-responsive polymer gels derived from a well-defined, RAFT-synthesized, poly(2-vinyl-4,4-dimethylazlactone) homopolymer <i>via</i> one-pot post-polymerization modification. <i>European Polymer Journal</i> , 2015, 62, 204-213.	5.4	18
108	Rh(I)(2,5-norbornadiene)(biphenyl)(<i>tris</i> (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

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109	ROMP (co)polymers with pendent alkyne side groups: post-polymerization modification employing thiol-alkyne and CuAAC coupling chemistries. <i>Polymer Chemistry</i> , 2014, 5, 5339-5349.	3.9	16
110	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
111	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
112	Effect of the Halide Counterion in the ROMP of <i>exo</i> -2-benzyl-2-(3,5-dioxo-1,0-dioxaspiro[4.4]nona-2,6-dien-4-yl)dimethyl ammonium Bromide/Chloride. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2389-2395.	3.8	12
113	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
114	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
115	Substituted hippurates and hippurate analogs as substrates and inhibitors of peptidylglycine $\hat{\pm}$ -hydroxylating monooxygenase (PHM). <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10061-10074.	3.0	12
116	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
117	Reversible Addition Fragmentation Chain Transfer Polymerization of Water-Soluble, Ion-Containing Monomers. <i>ACS Symposium Series</i> , 2006, , 95-115.	0.5	11
118	Thiol-Michael coupling and ring-opening metathesis polymerization: facile access to functional <i>exo</i> -7-oxanorbornene dendron macromonomers. <i>Polymer International</i> , 2014, 63, 1174-1183.	3.1	11
119	Durch definierte Rhodiumkomplexe vermittelte Polymerisationen. <i>Angewandte Chemie</i> , 2020, 132, 5040-5053.	2.0	11
120	Novel $\hat{\pm}$, $\hat{\pm}$ -Bischolesteryl Functional (Co)Polymers: RAFT Radical Polymerization Synthesis and Preliminary Solution Characterization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 813-820.	3.9	10
121	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
122	Rhodium(I)- $\hat{\pm}$ -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
123	Tetrazole functional copolymers: Facile access to well-defined Rhenium(I)-Polymeric luminescent materials. <i>Polymer</i> , 2020, 198, 122522.	3.8	9
124	RAFT Polymerization in Homogeneous Aqueous Media. <i>ACS Symposium Series</i> , 2003, , 586-602.	0.5	7
125	Synthetic Polyzwitterions: Water-Soluble Copolymers and Terpolymers. <i>ACS Symposium Series</i> , 2006, , 47-63.	0.5	7
126	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

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127	(Ir^{IV} -Tetrafluorobenzobarrelene)- Ir^{I} -(tri-4-fluorophenyl)phosphine)- Ir^{I} -(2-phenylphenyl)rhodium(I) A Catalyst for the Living Polymerization of Phenylacetylenes. <i>Macromolecules</i> , 2021, 54, 6191-6203.	4.8	6
128	Synthesis of Terminally Functionalized (Co)Polymers via Reversible Addition Fragmentation Chain Transfer Polymerization and Subsequent Immobilization to Solid Surfaces with Potential Biosensor Applications. <i>ACS Symposium Series</i> , 2005, , 43-54.	0.5	5
129	Endgroup Functionalization of RAFT-prepared Polymers Using Thiol-X Chemistries. <i>RSC Polymer Chemistry Series</i> , 2013, , 28-58.	0.2	5
130	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
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