

David Haddleton

List of Publications by Year in descending order

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380
papers

23,148
citations

5248

83
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130
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397
all docs

397
docs citations

397
times ranked

13674
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Neoglycopolymers by a Combination of "Click Chemistry" and Living Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2006, 128, 4823-4830.	6.6	550
2	Synthetic glycopolymers: an overview. <i>European Polymer Journal</i> , 2004, 40, 431-449.	2.6	423
3	Atom Transfer Radical Polymerization of Methyl Methacrylate Initiated by Alkyl Bromide and 2-Pyridinecarbaldehyde Imine Copper(I) Complexes. <i>Macromolecules</i> , 1997, 30, 2190-2193.	2.2	392
4	Design and Synthesis of N-Maleimido-Functionalized Hydrophilic Polymers via Copper-Mediated Living Radical Polymerization: A Suitable Alternative to PEGylation Chemistry. <i>Journal of the American Chemical Society</i> , 2005, 127, 2966-2973.	6.6	385
5	Cu(0)-Mediated Living Radical Polymerization: A Versatile Tool for Materials Synthesis. <i>Chemical Reviews</i> , 2016, 116, 835-877.	23.0	373
6	Self-healing and self-mendable polymers. <i>Polymer Chemistry</i> , 2010, 1, 978.	1.9	367
7	Copper(II)/Tertiary Amine Synergy in Photoinduced Living Radical Polymerization: Accelerated Synthesis of α -Functional and β -Heterofunctional Poly(acrylates). <i>Journal of the American Chemical Society</i> , 2014, 136, 1141-1149.	6.6	336
8	Atom Transfer Polymerization of Methyl Methacrylate Mediated by Alkylpyridylmethanimine Type Ligands, Copper(I) Bromide, and Alkyl Halides in Hydrocarbon Solution. <i>Macromolecules</i> , 1999, 32, 2110-2119.	2.2	312
9	Living Radical Polymerization as a Tool for the Synthesis of Polymer-Protein/Peptide Bioconjugates. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1083-1111.	2.0	305
10	Polymerization-induced thermal self-assembly (PITSA). <i>Chemical Science</i> , 2015, 6, 1230-1236.	3.7	301
11	Copper(i) mediated living radical polymerisation in an ionic liquid. <i>Chemical Communications</i> , 2000, , 1237-1238.	2.2	298
12	Aqueous Copper-Mediated Living Polymerization: Exploiting Rapid Disproportionation of CuBr with Me ₆ TREN. <i>Journal of the American Chemical Society</i> , 2013, 135, 7355-7363.	6.6	297
13	Sequence-controlled methacrylic multiblock copolymers via sulfur-free RAFT emulsion polymerization. <i>Nature Chemistry</i> , 2017, 9, 171-178.	6.6	287
14	Advances in PEGylation of important biotech molecules: delivery aspects. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 371-383.	2.4	283
15	Site-Directed Conjugation of "Clicked" Glycopolymers To Form Glycoprotein Mimics: Binding to Mammalian Lectin and Induction of Immunological Function. <i>Journal of the American Chemical Society</i> , 2007, 129, 15156-15163.	6.6	281
16	Investigation into thiol-(meth)acrylate Michael addition reactions using amine and phosphine catalysts. <i>Polymer Chemistry</i> , 2010, 1, 1196.	1.9	228
17	α -Aldehyde Terminally Functional Methacrylic Polymers from Living Radical Polymerization: Application in Protein Conjugation "Pegylation" <i>Journal of the American Chemical Society</i> , 2004, 126, 13220-13221.	6.6	222
18	Sequence-Controlled Multi-Block Glycopolymers to Inhibit DC-SIGN α Binding. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4435-4439.	7.2	218

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19	Poly(glycolic acid) (PGA): a versatile building block expanding high performance and sustainable bioplastic applications. <i>Green Chemistry</i> , 2020, 22, 4055-4081.	4.6	212
20	Patterning through Controlled Submolecular Motion: Rotaxane-Based Switches and Logic Gates that Function in Solution and Polymer Films. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3062-3067.	7.2	210
21	Antibacterial Effects of Poly(2-(dimethylamino ethyl)methacrylate) against Selected Gram-Positive and Gram-Negative Bacteria. <i>Biomacromolecules</i> , 2010, 11, 443-453.	2.6	208
22	One-pot tandem living radical polymerisation and Huisgens cycloaddition process (click) catalysed by N-alkyl-2-pyridylmethanimine/Cu(I)Br complexes. <i>Chemical Communications</i> , 2005, , 2089-2091.	2.2	191
23	High-Affinity Glycopolymer Binding to Human DC-SIGN and Disruption of DC-SIGN Interactions with HIV Envelope Glycoprotein. <i>Journal of the American Chemical Society</i> , 2010, 132, 15130-15132.	6.6	180
24	Synthesis of glycopolymers via click reactions. <i>European Polymer Journal</i> , 2011, 47, 435-446.	2.6	169
25	Pulsed Laser Polymerization in an Ionic Liquid: Strong Solvent Effects on Propagation and Termination of Methyl Methacrylate. <i>Macromolecules</i> , 2003, 36, 5072-5075.	2.2	158
26	Controlled Polymerization of Acrylates and Methacrylates ¹ . <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 1994, 34, 243-324.	2.2	156
27	Photo-induced copper-mediated polymerization of methyl acrylate in continuous flow reactors. <i>Polymer Chemistry</i> , 2014, 5, 3053-3060.	1.9	152
28	Photoinduced sequence-control via one pot living radical polymerization of acrylates. <i>Chemical Science</i> , 2014, 5, 3536-3542.	3.7	151
29	Synthesis of well-defined cyclodextrin-core star polymers. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2206-2214.	2.5	149
30	Simultaneous Copper(I)-Catalyzed Azide-Alkyne Cycloaddition (CuAAC) and Living Radical Polymerization. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4180-4183.	7.2	144
31	Self-healing polymers prepared via living radical polymerisation. <i>Polymer Chemistry</i> , 2010, 1, 102.	1.9	143
32	Polymeric Dibromomaleimides As Extremely Efficient Disulfide Bridging Bioconjugation and Pegylation Agents. <i>Journal of the American Chemical Society</i> , 2012, 134, 1847-1852.	6.6	143
33	A new approach to bioconjugates for proteins and peptides (click) utilising living radical polymerisation. <i>Chemical Communications</i> , 2004, , 2026-2027.	2.2	138
34	Dendritic Cell Lectin-Targeting Sentinel-like Unimolecular Glycoconjugates To Release an Anti-HIV Drug. <i>Journal of the American Chemical Society</i> , 2014, 136, 4325-4332.	6.6	137
35	Sequence-controlled multi-block copolymerization of acrylamides via aqueous SET-LRP at 0 °C. <i>Polymer Chemistry</i> , 2015, 6, 406-417.	1.9	137
36	Unprecedented solvent-induced acceleration of free-radical propagation of methyl methacrylate in ionic liquids Electronic supplementary information (ESI) available: Sample PLP-GPC traces and full experimental data. See http://www.rsc.org/suppdata/cc/b2/b209479g/ . <i>Chemical Communications</i> , 2002, , 2850-2851.	2.2	136

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37	Glycopolymers via catalytic chain transfer polymerisation (CCTP), Huisgens cycloaddition and thiolâ€ene double click reactions. <i>Chemical Communications</i> , 2009, , 2727.	2.2	136
38	Identifying the Nature of the Active Species in the Polymerization of Methacrylates:â€ Inhibition of Methyl Methacrylate Homopolymerizations and Reactivity Ratios for Copolymerization of Methyl Methacrylate/n-Butyl Methacrylate in Classical Anionic, Alkyl lithium/Trialkylaluminum-Initiated, Group Transfer Polymerization, Atom Transfer Radical Polymerization, Catalytic Chain Transfer, and Classical Free Radical Polymerization. <i>Macromolecules</i> , 1997, 30, 3992-3998.	2.2	132
39	Amphiphilic diblock, triblock, and star block copolymers by living radical polymerization: Synthesis and aggregation behavior. <i>Journal of Polymer Science Part A</i> , 2002, 40, 439-450.	2.5	129
40	Fluorescently tagged polymer bioconjugates from protein derived macroinitiators. <i>Chemical Communications</i> , 2006, , 4697.	2.2	129
41	Improved Reproducibility and Increased Signal Intensity in Matrix-assisted Laser Desorption/Ionization as a Result of Electrospray Sample Preparation. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 209-213.	0.7	127
42	First report of reversible additionâ€fragmentation chain transfer (RAFT) polymerisation in room temperature ionic liquids. <i>Chemical Communications</i> , 2002, , 2226-2227.	2.2	126
43	Phenolic Ester-Based Initiators for Transition Metal Mediated Living Polymerization. <i>Macromolecules</i> , 1999, 32, 8732-8739.	2.2	124
44	High Molecular Weight Block Copolymers by Sequential Monomer Addition via Cu(0)-Mediated Living Radical Polymerization (SET-LRP): An Optimized Approach. <i>ACS Macro Letters</i> , 2013, 2, 896-900.	2.3	124
45	Controlled polymerization of methyl methacrylate using lithium aluminum alkyls. <i>Macromolecules</i> , 1992, 25, 5907-5913.	2.2	122
46	Direct Peptide Bioconjugation/PEGylation at Tyrosine with Linear and Branched Polymeric Diazonium Salts. <i>Journal of the American Chemical Society</i> , 2012, 134, 7406-7413.	6.6	122
47	Probing Bacterialâ€Toxin Inhibitionâ€ with Synthetic Glycopolymers Prepared by Tandem Postâ€Polymerization Modification: Role of Linker Length and Carbohydrate Density. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7812-7816.	7.2	119
48	Cu(0)-mediated living radical polymerization: recent highlights and applications; a perspective. <i>Polymer Chemistry</i> , 2016, 7, 1002-1026.	1.9	119
49	Well-Defined Oligosaccharide-Terminated Polymers from Living Radical Polymerization. <i>Biomacromolecules</i> , 2000, 1, 152-156.	2.6	116
50	Evaluation of the Mode of Termination for a Thermally Initiated Free-Radical Polymerization via Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry. <i>Macromolecules</i> , 1997, 30, 1915-1920.	2.2	113
51	Enlightening the Mechanism of Copper Mediated PhotoRDRP via High-Resolution Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2015, 137, 6889-6896.	6.6	113
52	Optimizing the generation of narrow polydispersity â€arm-firstâ€™ star polymers made using RAFT polymerization. <i>Polymer Chemistry</i> , 2011, 2, 1671.	1.9	111
53	Magnetic nanoparticles with diblock glycopolymer shells give lectin concentration-dependent MRI signals and selective cell uptake. <i>Chemical Science</i> , 2014, 5, 715-726.	3.7	111
54	Phosphine-mediated one-pot thiolâ€ene â€clickâ€ approach to polymerâ€protein conjugates. <i>Chemical Communications</i> , 2009, , 5272.	2.2	110

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55	Functional, star polymeric molecular carriers, built from biodegradable microgel/nanogel cores. <i>Chemical Communications</i> , 2011, 47, 1449-1451.	2.2	110
56	Copper(I)-Mediated Living Radical Polymerization in the Presence of Oxyethylene Groups: A Online ¹ H NMR Spectroscopy To Investigate Solvent Effects. <i>Macromolecules</i> , 2000, 33, 8246-8251.	2.2	109
57	A Study of Cation Attachment to Polystyrene by Means of Matrix-assisted Laser Desorption/Ionization and Electrospray Ionization-Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 57-62.	0.7	107
58	Low-Temperature Living α -Radical Polymerization (Atom Transfer Polymerization) of Methyl Methacrylate Mediated by Copper(I)N-Alkyl-2-Pyridylmethanimine Complexes. <i>Macromolecules</i> , 1998, 31, 5201-5205.	2.2	106
59	Copper(I)-Mediated Living Radical Polymerization under Fluorous Biphasic Conditions. <i>Journal of the American Chemical Society</i> , 2000, 122, 1542-1543.	6.6	106
60	Conjugation-Induced Fluorescent Labeling of Proteins and Polymers Using Dithiomaleimides. <i>Journal of the American Chemical Society</i> , 2013, 135, 2875-2878.	6.6	106
61	A comparison between matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry and size exclusion chromatography in the mass characterisation of synthetic polymers with narrow molecular-mass distributions: Poly(methyl methacrylate) and poly(styrene). <i>European Journal of Mass Spectrometry</i> , 1995, 1, 293.	0.7	102
62	Monohydroxy terminally functionalised poly(methyl methacrylate) from atom transfer radical polymerisation. <i>Chemical Communications</i> , 1997, , 683-684.	2.2	102
63	Living Radical Polymerization Immobilized on Wang Resins: A Synthesis and Harvest of Narrow Polydispersity Poly(methacrylate)s. <i>Macromolecules</i> , 2001, 34, 768-774.	2.2	102
64	Multiblock sequence-controlled glycopolymers via Cu(0)-LRP following efficient thiol-halogen, thiol-epoxy and CuAAC reactions. <i>Polymer Chemistry</i> , 2014, 5, 3876-3883.	1.9	101
65	Expanding the Scope of the Photoinduced Living Radical Polymerization of Acrylates in the Presence of CuBr ₂ and Me ₆ Tren. <i>Macromolecules</i> , 2014, 47, 3852-3859.	2.2	100
66	Mass Discrimination Effects in an Ion Detector and Other Causes for Shifts in Polymer Mass Distributions Measured by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Macromolecules</i> , 1996, 29, 8875-8882.	2.2	97
67	Living polymerization: Rationale for uniform terminology. , 2000, 38, 1706-1708.		97
68	Photoinduced Synthesis of \pm Telechelic Sequence-Controlled Multiblock Copolymers. <i>Macromolecules</i> , 2015, 48, 1404-1411.	2.2	97
69	Synthesis of azide/alkyne-terminal polymers and application for surface functionalisation through a [2 + 3] Huisgen cycloaddition process, α -click chemistry. <i>Soft Matter</i> , 2007, 3, 732-739.	1.2	96
70	Aqueous Copper(II) Photoinduced Polymerization of Acrylates: Low Copper Concentration and the Importance of Sodium Halide Salts. <i>Journal of the American Chemical Society</i> , 2016, 138, 7346-7352.	6.6	95
71	3-Aminopropyl Silica Supported Living Radical Polymerization of Methyl Methacrylate: A Dichlorotris(triphenylphosphine)ruthenium(II) Mediated Atom Transfer Polymerization. <i>Macromolecules</i> , 1999, 32, 4769-4775.	2.2	93
72	A Modular Click Approach to Glycosylated Polymeric Beads: A Design, Synthesis and Preliminary Lectin Recognition Studies. <i>Macromolecules</i> , 2007, 40, 7513-7520.	2.2	93

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73	Polymerization of methyl acrylate mediated by copper(0)/Me ₆ TREN in hydrophobic media enhanced by phenols; Single electron transfer-living radical polymerization. Journal of Polymer Science Part A, 2008, 46, 7376-7385.	2.5	93
74	Synthesis and modification of thermoresponsive poly(oligo(ethylene glycol) methacrylate) via catalytic chain transfer polymerization and thiol-ene Michael addition. Polymer Chemistry, 2011, 2, 815.	1.9	93
75	Universal Conditions for the Controlled Polymerization of Acrylates, Methacrylates, and Styrene via Cu(0)-RDRP. Journal of the American Chemical Society, 2017, 139, 1003-1010.	6.6	93
76	Copper(I)-mediated radical polymerization of methacrylates in aqueous solution. Journal of Polymer Science Part A, 2001, 39, 1696-1707.	2.5	91
77	Sugar-Coated Amphiphilic Block Copolymer Micelles from Living Radical Polymerization: Recognition by Immobilized Lectins. Macromolecules, 2003, 36, 2493-2499.	2.2	91
78	Copper-Mediated Polymerization without External Deoxygenation or Oxygen Scavengers. Angewandte Chemie - International Edition, 2018, 57, 8998-9002.	7.2	91
79	In Vitro and ex Vivo Intestinal Tissue Models to Measure Mucoadhesion of Poly (Methacrylate) and N-Trimethylated Chitosan Polymers. Pharmaceutical Research, 2005, 22, 38-49.	1.7	89

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91	Homopolymerizations of Methyl Methacrylate and Styrene: Chain Transfer Constants from the Mayo Equation and Number Distributions for Catalytic Chain Transfer, and the Chain Length Dependence of the Average Termination Rate Coefficient. <i>Macromolecules</i> , 1997, 30, 702-713.	2.2	78
92	Conjugation of salmon calcitonin to a combed-shaped end functionalized poly(poly(ethylene glycol)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 135, 51-59.	4.8	78
93	Mechanically Facilitated Retro [4 + 2] Cycloadditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 7180-7189.	6.6	78
94	Synthesis and properties of polydimethylsiloxane-containing block copolymers via living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1833-1842.	2.5	77
95	Formation of giant amphiphiles by post-functionalization of hydrophilic protein-polymer conjugates. <i>Journal of Materials Chemistry</i> , 2007, 17, 1916-1922.	6.7	77
96	Cyclodextrin-centred star polymers synthesized via a combination of thiol-ene click and ring opening polymerization. <i>Chemical Communications</i> , 2012, 48, 8063.	2.2	76
97	Atom Transfer Polymerization: Use of Uridine and Adenosine Derivatized Monomers and Initiators. <i>Macromolecules</i> , 1999, 32, 8725-8731.	2.2	75
98	Copper(0)-mediated radical polymerisation in a self-generating biphasic system. <i>Polymer Chemistry</i> , 2013, 4, 106-112.	1.9	75
99	Catalytic Chain Transfer for Molecular Weight Control in the Emulsion Polymerization of Methyl Methacrylate and Methyl Methacrylate-Styrene. <i>Macromolecules</i> , 1996, 29, 8083-8091.	2.2	74
100	Facile production of nanoaggregates with tuneable morphologies from thermoresponsive P(DEGMA-co-HPMA). <i>Polymer Chemistry</i> , 2016, 7, 430-440.	1.9	74
101	Olefin Copolymerization via Controlled Radical Polymerization: Copolymerization of Acrylate and 1-Octene. <i>Macromolecules</i> , 2004, 37, 4406-4416.	2.2	71
102	Organic Arsenicals As Efficient and Highly Specific Linkers for Protein/Peptide-Polymer Conjugation. <i>Journal of the American Chemical Society</i> , 2015, 137, 4215-4222.	6.6	71
103	Photo-induced living radical polymerization of acrylates utilizing a discrete copper-formate complex. <i>Chemical Communications</i> , 2015, 51, 5626-5629.	2.2	70
104	Copper-Mediated Reversible Deactivation Radical Polymerization in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10468-10482.	7.2	70
105	Atom transfer polymerisation with glucose and cholesterol derived initiators. <i>New Journal of Chemistry</i> , 1999, 23, 477-479.	1.4	69
106	2,6-Bis(oxazolonyl)phenylnickel(II) Bromide and 2,6-Bis(ketimine)phenylnickel(II) Bromide: Synthesis, Structural Features, and Redox Properties. <i>Organometallics</i> , 2007, 26, 3985-3994.	1.1	69
107	A detailed study on understanding glycopolymer library and Con A interactions. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2588-2597.	2.5	69
108	Glycopolymers with secondary binding motifs mimic glycan branching and display bacterial lectin selectivity in addition to affinity. <i>Chemical Science</i> , 2014, 5, 1611-1616.	3.7	69

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109	Hydrogen Bond Template-Directed Polymerization of Protected 5'-Acryloylnucleosides. <i>Macromolecules</i> , 1999, 32, 6560-6564.	2.2	68
110	Reversible addition-fragmentation chain transfer polymerization of methacrylate, acrylate and styrene monomers in 1-alkyl-3-methylimidazolium hexfluorophosphate. <i>European Polymer Journal</i> , 2003, 39, 417-422.	2.6	68
111	The importance of ligand reactions in Cu(0)-mediated living radical polymerisation of acrylates. <i>Polymer Chemistry</i> , 2013, 4, 2672.	1.9	68
112	Copper(I) Bromide/N-(n-Octyl)-2-pyridylmethanimine-Mediated Living-Radical Polymerization of Methyl Methacrylate Using Carbosilane Dendritic Initiators. <i>Macromolecules</i> , 2000, 33, 4048-4052.	2.2	67
113	Rapid Synthesis of Well-Defined Polyacrylamide by Aqueous Cu(0)-Mediated Reversible-Deactivation Radical Polymerization. <i>Macromolecules</i> , 2016, 49, 483-489.	2.2	67
114	A simple method to convert atom transfer radical polymerization (ATRP) initiators into reversible addition fragmentation chain-transfer (RAFT) mediators. <i>European Polymer Journal</i> , 2004, 40, 641-645.	2.6	66
115	A carbohydrate-antioxidant hybrid polymer reduces oxidative damage in spermatozoa and enhances fertility. <i>Nature Chemical Biology</i> , 2005, 1, 270-274.	3.9	66
116	Continuous process for ATRP: Synthesis of homo and block copolymers. <i>European Polymer Journal</i> , 2007, 43, 2321-2330.	2.6	66
117	Adsorption behaviour of sulfur containing polymers to gold surfaces using QCM-D. <i>Soft Matter</i> , 2012, 8, 118-128.	1.2	65
118	Aqueous SET-LRP catalyzed with <i>in situ</i> -generated Cu(0) demonstrates surface mediated activation and bimolecular termination. <i>Polymer Chemistry</i> , 2015, 6, 2084-2097.	1.9	65
119	Synthesis and Aggregation of Double Hydrophilic Diblock Glycopolymers via Aqueous SET-LRP. <i>ACS Macro Letters</i> , 2014, 3, 491-495.	2.3	64
120	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	64
121	Biodegradable and thermoresponsive micelles of triblock copolymers based on 2-(N,N-dimethylamino)ethyl methacrylate and μ -caprolactone for controlled drug delivery. <i>European Polymer Journal</i> , 2008, 44, 3853-3863.	2.6	62
122	Copper-mediated controlled radical polymerization under biological conditions: SET-LRP in blood serum. <i>Chemical Communications</i> , 2013, 49, 6608.	2.2	62
123	Surfactant-free RAFT emulsion polymerization using a novel biocompatible thermoresponsive polymer. <i>Polymer Chemistry</i> , 2017, 8, 1353-1363.	1.9	62
124	Optimised 'click'™ synthesis of glycopolymers with mono/di- and trisaccharides. <i>Polymer Chemistry</i> , 2011, 2, 107-113.	1.9	61
125	Poly(acrylates) via SET-LRP in a continuous tubular reactor. <i>Polymer Chemistry</i> , 2013, 4, 4809.	1.9	60
126	Ultra-low volume oxygen tolerant photoinduced Cu-RDRP. <i>Polymer Chemistry</i> , 2019, 10, 963-971.	1.9	60

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127	PEG shielded polymeric double-layered micelles for gene delivery. <i>Journal of Controlled Release</i> , 2005, 102, 711-724.	4.8	59
128	Fluorescently tagged star polymers by living radical polymerisation for mucoadhesion and bioadhesion. <i>Reactive and Functional Polymers</i> , 2006, 66, 51-64.	2.0	59
129	Highly efficient disulfide bridging polymers for bioconjugates from radical-compatible dithiophenol maleimides. <i>Chemical Communications</i> , 2012, 48, 4064.	2.2	58
130	Aqueous Copper-Mediated Living Radical Polymerisation of N-Acryloylmorpholine, SET-LRP in Water. <i>Macromolecular Rapid Communications</i> , 2014, 35, 965-970.	2.0	58
131	Amide Functional Initiators for Transition-Metal-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2006, 39, 1353-1358.	2.2	57
132	Sequence-Controlled Methacrylic Multiblock Copolymers: Expanding the Scope of Sulfur-Free RAFT. <i>Macromolecules</i> , 2018, 51, 336-342.	2.2	57
133	Cu(0) mediated polymerization in toluene using online rapid GPC monitoring. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1753-1763.	2.5	56
134	Synthesis of Well-Defined Poly(acrylates) in Ionic Liquids via Copper(II)-Mediated Photoinduced Living Radical Polymerization. <i>Macromolecules</i> , 2015, 48, 5140-5147.	2.2	56
135	Copper(II) gluconate (a non-toxic food supplement/dietary aid) as a precursor catalyst for effective photo-induced living radical polymerisation of acrylates. <i>Polymer Chemistry</i> , 2015, 6, 3581-3585.	1.9	56
136	Competition between β -Scission of Macromonomer-Ended Radicals and Chain Transfer to Cobalt(II) in Catalytic Chain Transfer Polymerization (CCTP). <i>Macromolecules</i> , 1996, 29, 481-483.	2.2	55
137	Solid-Supported Catalysts for Atom-Transfer Radical Cyclization of 2-Haloacetamides. <i>Journal of Organic Chemistry</i> , 1999, 64, 8954-8957.	1.7	55
138	N-alkyl-2-pyridylmethanimines as tuneable alternatives to bipyridine ligands in copper mediated atom transfer radical cyclisation. <i>Tetrahedron Letters</i> , 1999, 40, 3807-3810.	0.7	54
139	Modification of multi-wall carbon nanotube surfaces with poly(amidoamine) dendrons: Synthesis and metal templating. <i>Chemical Communications</i> , 2006, , 4949.	2.2	54
140	Self-activation and activation of Cu(0) wire for SET-LRP mediated by fluorinated alcohols. <i>Polymer Chemistry</i> , 2014, 5, 89-95.	1.9	54
141	Synthesis of well-defined β -telechelic multiblock copolymers in aqueous medium: in situ generation of β -diols. <i>Polymer Chemistry</i> , 2015, 6, 2226-2233.	1.9	54
142	Synthesis of well-defined catechol polymers for surface functionalization of magnetic nanoparticles. <i>Polymer Chemistry</i> , 2016, 7, 7002-7010.	1.9	54
143	Unexpected Viability of Pyridyl Methanimine-Based Ligands for Transition-Metal-Mediated Living Radical Polymerization in Aqueous Media at Ambient Temperature. <i>Macromolecules</i> , 2001, 34, 162-164.	2.2	53
144	Preparation of Fluorinated Copolymers by Copper-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2003, 36, 9042-9049.	2.2	52

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145	SET-LRP of hydrophobic and hydrophilic acrylates in tetrafluoropropanol. <i>Polymer Chemistry</i> , 2013, 4, 5555.	1.9	52
146	Copper-mediated living radical polymerization (SET-LRP) of lipophilic monomers from multi-functional initiators: reducing star-star coupling at high molecular weights and high monomer conversions. <i>Polymer Chemistry</i> , 2014, 5, 892-898.	1.9	52
147	Controlled radical polymerization of alkyl acrylates and styrene using a half-sandwich molybdenum(III) complex containing diazadiene ligands. <i>European Polymer Journal</i> , 2003, 39, 2099-2105.	2.6	51
148	Synthesis and aqueous solution properties of stimuli-responsive triblock copolymers. <i>Soft Matter</i> , 2007, 3, 725-731.	1.2	51
149	Facile access to thermoresponsive filomicelles with tuneable cores. <i>Chemical Communications</i> , 2016, 52, 4497-4500.	2.2	51
150	A Hydrogel-Based Localized Release of Colistin for Antimicrobial Treatment of Burn Wound Infection. <i>Macromolecular Bioscience</i> , 2017, 17, 1600320.	2.1	51
151	Terminal functional glycopolymers via a combination of catalytic chain transfer polymerisation (CCTP) followed by three consecutive click reactions. <i>Polymer Chemistry</i> , 2012, 3, 1016.	1.9	50
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