David Haddleton

List of Publications by Year
in descending order

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380 papers	23,148 citations	5248 83 h-index	13338 130 g-index
397 all docs	397 docs citations	397 times ranked	13674 citing authors

#	Article	IF	Citations
1	Synthesis of a castor oil-based quaternary ammonium surfactant and its application in the modification of attapulgite. Tenside, Surfactants, Detergents, 2022, 59, 31-38.	0.5	2
2	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie - International Edition, 2022, 61, .	7.2	64
3	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie, 2022, 134, .	1.6	5
4	Functional pH-responsive polymers containing dynamic enaminone linkages for the release of active organic amines. Polymer Chemistry, 2022, 13, 2362-2374.	1.9	4
5	Heterotelechelic homopolymers mimicking high <i>Ï‡</i> â€“ ultralow <i>N</i> block copolymers with sub-2 nm domain size. Chemical Science, 2022, 13, 4019-4028.	3.7	4
6	P10 Rapid capture of uropathogenic bacteria and on-chip determination of antimicrobial resistance. JAC-Antimicrobial Resistance, 2022, 4, .	0.9	0
7	Polymerization of Myrcene in Both Conventional and Renewable Solvents: Postpolymerization Modification via Regioselective Photoinduced Thiolâ€“Ene Chemistry for Use as Carbon Renewable Dispersants. ACS Sustainable Chemistry and Engineering, 2022, 10, 9654-9664.	3.2	10
8	Self-healing and mechanical performance of dynamic glycol chitosan hydrogel nanocomposites. Journal of Materials Chemistry B, 2021, 9, 809-823.	2.9	19
9	Glycopolymer Functionalized Nanoparticles and Their Applications. , 2021, , 209-249.		0
10	Homo- and co-polymerisation of di(propylene glycol) methyl ether methacrylate â€“ a new monomer. Polymer Chemistry, 2021, 12, 3522-3532.	1.9	11
11	Cationic Glycopolymers with Aggregation-Induced Emission for the Killing, Imaging, and Detection of Bacteria. Biomacromolecules, 2021, 22, 2224-2232.	2.6	15
12	Controlling the Particle Size in Surfactant-Free Latexes from Ï‰-Propenyl Oligomers Obtained through Catalytic Chain Transfer Polymerization. ACS Applied Polymer Materials, 2021, 3, 3185-3196.	2.0	5
13	Synthesis of Poly(Lactic Acid-co-Glycolic Acid) Copolymers with High Glycolide Ratio by Ring-Opening Polymerisation. Polymers, 2021, 13, 2458.	2.0	13
14	Block copolymers based on ethylene and methacrylates using a combination of catalytic chain transfer polymerisation (CCTP) and radical polymerization. Angewandte Chemie, 2021, 133, 25560.	1.6	0
15	Block Copolymers Based on Ethylene and Methacrylates Using a Combination of Catalytic Chain Transfer Polymerisation (CCTP) and Radical Polymerisation. Angewandte Chemie - International Edition, 2021, 60, 25356-25364.	7.2	5
16	Synthesis of biodegradable liquid-core microcapsules composed of isocyanate functionalized poly(Îµ-caprolactone)-containing copolymers. European Polymer Journal, 2021, 159, 110739.	2.6	2
17	Controlled Synthesis of Well-Defined Polyaminoboranes on Scale Using a Robust and Efficient Catalyst. Journal of the American Chemical Society, 2021, 143, 21010-21023.	6.6	12
18	Gold Nanoparticles and Nanoshells Embedded as Coreâ€“Shell Architectures in Hybrid Poly(<scp>l</scp>-Histidine)-Containing Polymers for Photothermal Therapies. ACS Applied Nano Materials, 2021, 4, 14217-14230.	2.4	3

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19	Monitoring the Effect of Transdermal Drug Delivery Patches on the Skin Using Terahertz Sensing. Pharmaceutics, 2021, 13, 2052.	2.0	5
20	Well-defined polyacrylamides with AIE properties <i>via</i> rapid Cu-mediated living radical polymerization in aqueous solution: thermoresponsive nanoparticles for bioimaging. Polymer Chemistry, 2021, 13, 58-68.	1.9	9
21	Automatic peak assignment and visualisation of copolymer mass spectrometry data using the â€˜genetic algorithmâ€™. Rapid Communications in Mass Spectrometry, 2020, 34, e8654.	0.7	7
22	Gas Barrier Polymer Nanocomposite Films Prepared by Graphene Oxide Encapsulated Polystyrene Microparticles. ACS Applied Polymer Materials, 2020, 2, 725-731.	2.0	22
23	UV irradiation of Cu-based complexes with aliphatic amine ligands as used in living radical polymerization. European Polymer Journal, 2020, 123, 109388.	2.6	9
24	Synthesis and [2+2]-photodimerisation of monothiomaleimide functionalised linear and brush-like polymers. Chemical Communications, 2020, 56, 9545-9548.	2.2	6
25	Aqueous copper-mediated reversible deactivation radical polymerization (RDRP) utilizing polyetheramine derived initiators. Polymer Chemistry, 2020, 11, 5534-5541.	1.9	2
26	Dihydrolevoglucosenone (Cyreneâ„¢) as a bio-renewable solvent for Cu(0)wire-mediated reversible deactivation radical polymerization (RDRP) without external deoxygenation. Green Chemistry, 2020, 22, 5833-5837.	4.6	14
27	Branched macromonomers from catalytic chain transfer polymerisation (CCTP) as precursors for emulsion-templated porous polymers. Polymer Chemistry, 2020, 11, 3841-3848.	1.9	7
28	Rapidly self-deoxygenating controlled radical polymerization in water <i>via in situ</i> disproportionation of Cu(<scp>i</scp>). Chemical Science, 2020, 11, 5257-5266.	3.7	26
29	Aggregation-Induced Emission Active Polyacrylates via Cu-Mediated Reversible Deactivation Radical Polymerization with Bioimaging Applications. ACS Macro Letters, 2020, 9, 769-775.	2.3	17
30	Poly(glycolic acid) (PGA): a versatile building block expanding high performance and sustainable bioplastic applications. Green Chemistry, 2020, 22, 4055-4081.	4.6	212
31	Protein-polymer bioconjugates via a versatile oxygen tolerant photoinduced controlled radical polymerization approach. Nature Communications, 2020, 11, 1486.	5.8	82
32	Determining the sequence and backbone structure of â€œsemi-statisticalâ€• copolymers as donorâ€"acceptor polymers in organic solar cells. Sustainable Energy and Fuels, 2020, 4, 2026-2034.	2.5	7
33	Polymerisable surfactants for polymethacrylates using catalytic chain transfer polymerisation (CCTP) combined with sulfur free-RAFT in emulsion polymerisation. European Polymer Journal, 2020, 125, 109491.	2.6	17
34	Carboxylated Cy5-Labeled Comb Polymers Passively Diffuse the Cell Membrane and Target Mitochondria. ACS Applied Materials & Interfaces, 2019, 11, 31302-31310.	4.0	34
35	Photo-induced copper-RDRP in continuous flow without external deoxygenation. Polymer Chemistry, 2019, 10, 4402-4406.	1.9	25
36	A simple and versatile route to amphiphilic polymethacrylates: catalytic chain transfer polymerisation (CCTP) coupled with post-polymerisation modifications. Polymer Chemistry, 2019, 10, 646-655.	1.9	13

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37	Exploiting catalytic chain transfer polymerization for the synthesis of carboxylated latexes via sulfurâ€free RAFT. Journal of Polymer Science Part A, 2019, 57, E1-E9.	2.5	18
38	Ultra-low volume oxygen tolerant photoinduced Cu-RDRP. Polymer Chemistry, 2019, 10, 963-971.	1.9	60
39	Tandem Mass Spectrometry for Polymeric Structure Analysis: A Comparison of Two Common MALDIâ€"ToF/ToF Techniques. Macromolecular Rapid Communications, 2019, 40, 1900088.	2.0	11
40	Synthesis of glycopolymers with specificity for bacterial strains <i>via</i> bacteria-guided polymerization. Chemical Science, 2019, 10, 5251-5257.	3.7	32
41	Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. Polymer Chemistry, 2019, 10, 1186-1191.	1.9	25
42	Thermoresponsive viscosity of polyacrylamide block copolymers synthesised via aqueous Cu-RDRP. European Polymer Journal, 2019, 114, 326-331.	2.6	5
43	Functional Brush Poly(2â€ethylâ€2â€oxazine)s: Synthesis by CROP and RAFT, Thermoresponsiveness and Grafting onto Iron Oxide Nanoparticles. Macromolecular Rapid Communications, 2019, 40, e1800911.	2.0	23
44	Controlled synthesis of methacrylate and acrylate diblock copolymers via end-capping using CCTP and FRP. Polymer Chemistry, 2019, 10, 6447-6455.	1.9	12
45	Microphase separation of highly amphiphilic, low <i>N</i> polymers by photoinduced copper-mediated polymerization, achieving sub-2 nm domains at half-pitch. Polymer Chemistry, 2019, 10, 6254-6259.	1.9	20
46	Defect-related luminescent nanostructured hydroxyapatite promotes mineralization through both intracellular and extracellular pathways. RSC Advances, 2019, 9, 35939-35947.	1.7	3
47	Self-Assembling Proteinâ€"Polymer Bioconjugates for Surfaces with Antifouling Features and Low Nonspecific Binding. ACS Applied Materials & Interfaces, 2019, 11, 3599-3608.	4.0	21
48	What happens in the dark? Assessing the temporal control of photoâ€mediated controlled radical polymerizations. Journal of Polymer Science Part A, 2019, 57, 268-273.	2.5	81
49	Combining uretdione and disulfide reversibly degradable polyurethanes: route to alternating block copolymers. Polymer Chemistry, 2018, 9, 2611-2616.	1.9	4
50	Transdermal Delivery of Ibuprofen Utilizing a Novel Solvent-Free Pressure-sensitive Adhesive (PSA): TEPIÂ® Technology. Journal of Pharmaceutical Innovation, 2018, 13, 48-57.	1.1	28
51	Unraveling the Spontaneous Zwitterionic Copolymerization Mechanism of Cyclic Imino Ethers and Acrylic Acid. Macromolecules, 2018, 51, 318-327.	2.2	11
52	Sequence-Controlled Methacrylic Multiblock Copolymers: Expanding the Scope of Sulfur-Free RAFT. Macromolecules, 2018, 51, 336-342.	2.2	57
53	Cu(0)-RDRP of methacrylates in DMSO: importance of the initiator. Polymer Chemistry, 2018, 9, 2382-2388.	1.9	43
54	Polymers for Fluorescence Imaging of Formaldehyde in Living Systems via the Hantzsch Reaction. ACS Macro Letters, 2018, 7, 1346-1352.	2.3	27

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55	MALDI-LID-ToF/ToF analysis of statistical and diblock polyacrylate copolymers. Polymer Chemistry, 2018, 9, 4631-4641.	1.9	22
56	Copperâ€Mediated Polymerization without External Deoxygenation or Oxygen Scavengers. Angewandte Chemie, 2018, 130, 9136-9140.	1.6	25
57	Cationic and hydrolysable branched polymers by RAFT for complexation and controlled release of dsRNA. Polymer Chemistry, 2018, 9, 4025-4035.	1.9	29
58	Kupfervermittelte radikalische Polymerisation mit reversibler Deaktivierung in wÃssrigen Medien. Angewandte Chemie, 2018, 130, 10628-10643.	1.6	16
59	Cu(0)-RDRP of styrene: balancing initiator efficiency and dispersity. Polymer Chemistry, 2018, 9, 4395-4403.	1.9	18
60	Copperâ€Mediated Reversible Deactivation Radical Polymerization in Aqueous Media. Angewandte Chemie - International Edition, 2018, 57, 10468-10482.	7.2	70
61	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. ACS Macro Letters, 2018, 7, 909-915.	2.3	28
62	Coating Titania Nanoparticles with Epoxy-Containing Catechol Polymers via Cu(0)-Living Radical Polymerization as Intelligent Enzyme Carriers. Biomacromolecules, 2018, 19, 2979-2990.	2.6	18
63	Copperâ€Mediated Polymerization without External Deoxygenation or Oxygen Scavengers. Angewandte Chemie - International Edition, 2018, 57, 8998-9002.	7.2	91
64	Spontaneous zwitterionic copolymerisation: An undervalued and efficacious technique for the synthesis of functional degradable oligomers and polymers. Progress in Polymer Science, 2018, 87, 228-246.	11.8	17
65	Comparison of the Kinetic Hydrate Inhibition Performance of Block and Statistical <i>N</i>-Alkylacrylamide Copolymers. Energy & Fuels, 2017, 31, 1355-1361.	2.5	22
66	Surfactant-free RAFT emulsion polymerization using a novel biocompatible thermoresponsive polymer. Polymer Chemistry, 2017, 8, 1353-1363.	1.9	62
67	A traceless reversible polymeric colistin prodrug to combat multidrug-resistant (MDR) gram-negative bacteria. Journal of Controlled Release, 2017, 259, 83-91.	4.8	15
68	Engineered Hydrogen-Bonded Glycopolymer Capsules and Their Interactions with Antigen Presenting Cells. ACS Applied Materials & Interfaces, 2017, 9, 6444-6452.	4.0	15
69	Specific and Differential Binding of <i>N</i>-Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. Biomacromolecules, 2017, 18, 1624-1633.	2.6	32
70	Practical Chainâ€End Reduction of Polymers Obtained with ATRP. Macromolecular Chemistry and Physics, 2017, 218, 1700107.	1.1	13
71	Mussel-inspired thermoresponsive polymers with a tunable LCST by Cu(0)-LRP for the construction of smart TiO₂ nanocomposites. Polymer Chemistry, 2017, 8, 3679-3688.	1.9	13
72	Functionalization of BaTiO3 nanoparticles with electron insulating and conducting organophosphazene-based hybrid materials. RSC Advances, 2017, 7, 19674-19683.	1.7	5

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73	Methacrylic block copolymers by sulfur free RAFT (SF RAFT) free radical emulsion polymerisation. Polymer Chemistry, 2017, 8, 1084-1094.	1.9	43
74	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
75	Synthesis of polymeric microcapsules by interfacial-suspension cationic photopolymerisation of divinyl ether monomer in aqueous suspension. Polymer Chemistry, 2017, 8, 972-975.	1.9	11
76	Regenerableâ€Catalystâ€Aided, Opened to Air and Sunlightâ€Driven â€œCuAAC&ATRPâ€•Concurrent Reaction for Sequenceâ€Controlled Copolymer. Macromolecular Rapid Communications, 2017, 38, 1700511.	2.0	7
77	Bioinspired coating of TiO₂nanoparticles with antimicrobial polymers by Cu(0)-LRP: grafting to vs. grafting from. Polymer Chemistry, 2017, 8, 6570-6580.	1.9	17
78	Manipulation of cytokine secretion in human dendritic cells using glycopolymers with picomolar affinity for DC-SIGN. Chemical Science, 2017, 8, 6974-6980.	3.7	31
79	Reversible surface functionalisation of emulsion-templated porous polymers using dithiophenol maleimide functional macromolecules. Chemical Communications, 2017, 53, 9789-9792.	2.2	11
80	Plasticisation and compatibilisation of poly(propylene) with poly(lauryl acrylate) surface modified MWCNTs. Polymer, 2017, 133, 89-101.	1.8	8
81	High T g poly(ester amide)s by melt polycondensation of monomers from renewable resources; citric acid, D-glucono-Î´-lactone and amino acids: A DSC study. European Polymer Journal, 2017, 94, 11-19.	2.6	12
82	Hydrolyzable Poly[Poly(Ethylene Glycol) Methyl Ether Acrylate]â€“Colistin Prodrugs through Copper-Mediated Photoinduced Living Radical Polymerization. Bioconjugate Chemistry, 2017, 28, 1916-1924.	1.8	11
83	Sequence-controlled methacrylic multiblock copolymers via sulfur-free RAFT emulsion polymerization. Nature Chemistry, 2017, 9, 171-178.	6.6	287
84	Comb Poly(Oligo(2â€Ethylâ€2â€Oxazoline)Methacrylate)â€Peptide Conjugates Prepared by Aqueous Cu(0)â€Mediated Polymerization and Reductive Amination. Macromolecular Rapid Communications, 2017, 38, 1600534.	2.0	22
85	A Hydrogelâ€Based Localized Release of Colistin for Antimicrobial Treatment of Burn Wound Infection. Macromolecular Bioscience, 2017, 17, 1600320.	2.1	51
86	Thermal study of polyester networks based on renewable monomers citric acid and gluconolactone. Polymer International, 2017, 66, 59-63.	1.6	3
87	Heteroatom Doped-Carbon Nanospheres as Anodes in Lithium Ion Batteries. Materials, 2016, 9, 35.	1.3	38
88	Polyurea microcapsules from isocyanatoethyl methacrylate copolymers. Journal of Polymer Science Part A, 2016, 54, 2698-2705.	2.5	7
89	Methacrylic Zwitterionic, Thermoresponsive, and Hydrophilic (Co)Polymers via Cu(0)-Polymerization: The Importance of Halide Salt Additives. Macromolecular Rapid Communications, 2016, 37, 356-361.	2.0	19
90	Aqueous Copper(II) Photoinduced Polymerization of Acrylates: Low Copper Concentration and the Importance of Sodium Halide Salts. Journal of the American Chemical Society, 2016, 138, 7346-7352.	6.6	95

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91	Reversible Regulation of Thermoresponsive Property of Dithiomaleimide-Containing Copolymers via Sequential Thiol Exchange Reactions. ACS Macro Letters, 2016, 5, 709-713.	2.3	16
92	Controlled aqueous polymerization of acrylamides and acrylates and â€œin situâ€•depolymerization in the presence of dissolved CO₂. Chemical Communications, 2016, 52, 6533-6536.	2.2	29
93	Functionalisation of MWCNTs with poly(lauryl acrylate) polymerised by Cu(0)-mediated and RAFT methods. Polymer Chemistry, 2016, 7, 3884-3896.	1.9	21
94	Stability Enhancing <i>N</i>-Terminal PEGylation of Oxytocin Exploiting Different Polymer Architectures and Conjugation Approaches. Biomacromolecules, 2016, 17, 2755-2766.	2.6	13
95	Surface patterning of polyacrylamide gel using scanning electrochemical cell microscopy (SECCM). Chemical Communications, 2016, 52, 9929-9932.	2.2	26
96	Well-Defined PDMAEA Stars via Cu(0)-Mediated Reversible Deactivation Radical Polymerization. Macromolecules, 2016, 49, 8914-8924.	2.2	39
97	Synthesis of well-defined catechol polymers for surface functionalization of magnetic nanoparticles. Polymer Chemistry, 2016, 7, 7002-7010.	1.9	54
98	Facile one-pot/one-step synthesis of heterotelechelic N-acylated poly(aminoester) macromonomers for carboxylic acid decorated comb polymers. Polymer Chemistry, 2016, 7, 6703-6707.	1.9	14
99	Facile production of nanoaggregates with tuneable morphologies from thermoresponsive P(DEGMA-co-HPMA). Polymer Chemistry, 2016, 7, 430-440.	1.9	74
100	Dual Stimuli-Responsive Comb Polymers from Modular <i>N</i>-Acylated Poly(aminoester)-Based Macromonomers. ACS Macro Letters, 2016, 5, 321-325.	2.3	32
101	Facile access to thermoresponsive filomicelles with tuneable cores. Chemical Communications, 2016, 52, 4497-4500.	2.2	51
102	Polymerisation of 2-acrylamido-2-methylpropane sulfonic acid sodium salt (NaAMPS) and acryloyl phosphatidylcholine (APC) via aqueous Cu(0)-mediated radical polymerisation. Polymer Chemistry, 2016, 7, 2452-2456.	1.9	23
103	Rapid Synthesis of Well-Defined Polyacrylamide by Aqueous Cu(0)-Mediated Reversible-Deactivation Radical Polymerization. Macromolecules, 2016, 49, 483-489.	2.2	67
104	Cu(0)-mediated living radical polymerization: recent highlights and applications; a perspective. Polymer Chemistry, 2016, 7, 1002-1026.	1.9	119
105	Discrete copper(<scp>ii</scp>)-formate complexes as catalytic precursors for photo-induced reversible deactivation polymerization. Polymer Chemistry, 2016, 7, 191-197.	1.9	29
106	Cu(0)-Mediated Living Radical Polymerization: A Versatile Tool for Materials Synthesis. Chemical Reviews, 2016, 116, 835-877.	23.0	373
107	Unprecedented Control over the Acrylate and Acrylamide Polymerization in Aqueous and Organic Media. ACS Symposium Series, 2015, , 29-45.	0.5	3
108	Feasibility of the Simultaneous Determination of Monomer Concentrations and Particle Size in Emulsion Polymerization Using in Situ Raman Spectroscopy. Industrial & Engineering Chemistry Research, 2015, 54, 12867-12876.	1.8	19

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109	Polymer Chemistry: 5 years on. Polymer Chemistry, 2015, 6, 9-9.	1.9	0
110	Hydrosilylation as an efficient tool for polymer synthesis and modification with methacrylates. RSC Advances, 2015, 5, 5879-5885.	1.7	18
111	Synthesis of well-defined Î±,Ï‰-telechelic multiblock copolymers in aqueous medium: in situ generation of Î±,Ï‰-diols. Polymer Chemistry, 2015, 6, 2226-2233.	1.9	54
112	Templated polymerizations on solid supports mediated by complementary nucleoside interactions. Polymer Chemistry, 2015, 6, 1944-1951.	1.9	20
113	Photo-induced living radical polymerization of acrylates utilizing a discrete copper(<scp>ii</scp>)â€“formate complex. Chemical Communications, 2015, 51, 5626-5629.	2.2	70
114	Photoinduced Synthesis of Î±,Ï‰-Telechelic Sequence-Controlled Multiblock Copolymers. Macromolecules, 2015, 48, 1404-1411.	2.2	97
115	Water soluble triblock and pentablock poly(methacryloyl nucleosides) from copper-mediated living radical polymerisation using PEG macroinitiators. European Polymer Journal, 2015, 66, 444-451.	2.6	14
116	Synthesis of Well-Defined Poly(acrylates) in Ionic Liquids via Copper(II)-Mediated Photoinduced Living Radical Polymerization. Macromolecules, 2015, 48, 5140-5147.	2.2	56
117	Emerging investigators. Polymer Chemistry, 2015, 6, 5501-5502.	1.9	0
118	Well-Defined Protein/Peptideâ€“Polymer Conjugates by Aqueous Cu-LRP: Synthesis and Controlled Self-Assembly. Journal of the American Chemical Society, 2015, 137, 9344-9353.	6.6	84
119	The effect of ligand, solvent and Cu(0) source on the efficient polymerization of polyether acrylates and methacrylates in aqueous and organic media. Polymer Chemistry, 2015, 6, 5940-5950.	1.9	26
120	Conjugation of polymers to proteins through an inhibitor-derived peptide: taking up the inhibitor â€œberthaâ€• Chemical Communications, 2015, 51, 10099-10102.	2.2	8
121	Enlightening the Mechanism of Copper Mediated PhotoRDRP via High-Resolution Mass Spectrometry. Journal of the American Chemical Society, 2015, 137, 6889-6896.	6.6	113
122	Aqueous SET-LRP catalyzed with â€œin situâ€•generated Cu(0) demonstrates surface mediated activation and bimolecular termination. Polymer Chemistry, 2015, 6, 2084-2097.	1.9	65
123	Polymerization-induced thermal self-assembly (PITSA). Chemical Science, 2015, 6, 1230-1236.	3.7	301
124	Organic Arsenicals As Efficient and Highly Specific Linkers for Protein/Peptideâ€“Polymer Conjugation. Journal of the American Chemical Society, 2015, 137, 4215-4222.	6.6	71
125	Copper(<scp>ii</scp>) gluconate (a non-toxic food supplement/dietary aid) as a precursor catalyst for effective photo-induced living radical polymerisation of acrylates. Polymer Chemistry, 2015, 6, 3581-3585.	1.9	56
126	In Situ Conjugation of Dithiophenol Maleimide Polymers and Oxytocin for Stable and Reversible Polymerâ€“Peptide Conjugates. Bioconjugate Chemistry, 2015, 26, 633-638.	1.8	47

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127	Novel comb polymers from alternating N-acylated poly(aminoester)s obtained by spontaneous zwitterionic copolymerisation. Chemical Communications, 2015, 51, 16213-16216.	2.2	25
128	Surface immobilization of a protease through an inhibitor-derived affinity ligand: a bioactive surface with defensive properties against an inhibitor. Chemical Communications, 2015, 51, 14263-14266.	2.2	9
129	Cu(0)-mediated living radical polymerisation in dimethyl lactamide (DML); an unusual green solvent with limited environmental impact. Polymer Chemistry, 2015, 6, 8319-8324.	1.9	19
130	David Sherrington commemorative issue. Polymer Chemistry, 2015, 6, 7228-7230.	1.9	0
131	Investigating the Mechanism of Copper(0)-Mediated Living Radical Polymerization in Organic Media. Macromolecules, 2015, 48, 5517-5525.	2.2	50
132	Investigating the Mechanism of Copper(0)-Mediated Living Radical Polymerization in Aqueous Media. Macromolecules, 2015, 48, 6421-6432.	2.2	49
133	Synthesis and reactivity of Î±,Ï‰-homotelechelic polymers by Cu(0)-mediated living radical polymerization. European Polymer Journal, 2015, 62, 294-303.	2.6	36
134	Sequence-controlled multi-block copolymerization of acrylamides via aqueous SET-LRP at 0 Â°C. Polymer Chemistry, 2015, 6, 406-417.	1.9	137
135	Sequence-Controlled Multi-Block Glycopolymers via Cu(0) Mediated Living Radical Polymerization. ACS Symposium Series, 2014, , 327-348.	0.5	4
136	Copper-mediated living radical polymerization (SET-LRP) of lipophilic monomers from multi-functional initiators: reducing starâ€“star coupling at high molecular weights and high monomer conversions. Polymer Chemistry, 2014, 5, 892-898.	1.9	52
137	Photo-induced copper-mediated polymerization of methyl acrylate in continuous flow reactors. Polymer Chemistry, 2014, 5, 3053-3060.	1.9	152
138	Self-activation and activation of Cu(0) wire for SET-LRP mediated by fluorinated alcohols. Polymer Chemistry, 2014, 5, 89-95.	1.9	54
139	Multiblock sequence-controlled glycopolymers via Cu(0)-LRP following efficient thiolâ€“halogen, thiolâ€“epoxy and CuAAC reactions. Polymer Chemistry, 2014, 5, 3876-3883.	1.9	101
140	<i>Absolut</i> â€œcopper catalyzation perfectedâ€; robust living polymerization of NIPAM: <i>Guinness</i> is good for SET-LRP. Polymer Chemistry, 2014, 5, 57-61.	1.9	80
141	Integrating a thermoresponsive copolymer with hostâ€“guest interactions for fabricating molecular recognition surfaces. Materials Horizons, 2014, 1, 540-545.	6.4	26
142	Glycopolymers with secondary binding motifs mimic glycan branching and display bacterial lectin selectivity in addition to affinity. Chemical Science, 2014, 5, 1611-1616.	3.7	69
143	Copper(II)/Tertiary Amine Synergy in Photoinduced Living Radical Polymerization: Accelerated Synthesis of Ï‰-Functional and Î±,Ï‰-Heterofunctional Poly(acrylates). Journal of the American Chemical Society, 2014, 136, 1141-1149.	6.6	336
144	From Polymer Sequence Control to Protein Recognition: Synthesis, Self-Assembly and Lectin Binding. Macromolecules, 2014, 47, 4676-4683.	2.2	48

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145	Expanding the Scope of the Photoinduced Living Radical Polymerization of Acrylates in the Presence of CuBr₂ and Me₆-Tren. Macromolecules, 2014, 47, 3852-3859.	2.2	100
146	Aqueous Copperâ€Mediated Living Radical Polymerisation of <i>N</i>â€Acryloylmorpholine, SETâ€LRP in Water. Macromolecular Rapid Communications, 2014, 35, 965-970.	2.0	58
147	Photoinduced sequence-control via one pot living radical polymerization of acrylates. Chemical Science, 2014, 5, 3536-3542.	3.7	151
148	Dendritic Cell Lectin-Targeting Sentinel-like Unimolecular Glycoconjugates To Release an Anti-HIV Drug. Journal of the American Chemical Society, 2014, 136, 4325-4332.	6.6	137
149	Visible light induced fast synthesis of proteinâ€“polymer conjugates: controllable polymerization and protein activity. Chemical Communications, 2014, 50, 6506-6508.	2.2	43
150	Synthesis and Aggregation of Double Hydrophilic Diblock Glycopolymers via Aqueous SET-LRP. ACS Macro Letters, 2014, 3, 491-495.	2.3	64
151	Magnetic nanoparticles with diblock glycopolymer shells give lectin concentration-dependent MRI signals and selective cell uptake. Chemical Science, 2014, 5, 715-726.	3.7	111
152	Positionable Vertical Microfluidic Cell Based on Electromigration in a Theta Pipet. Langmuir, 2014, 30, 10011-10018.	1.6	14
153	Poly(acrylates) via SET-LRP in a continuous tubular reactor. Polymer Chemistry, 2013, 4, 4809.	1.9	60
154	SET-LRP of methacrylates in fluorinated alcohols. Polymer Chemistry, 2013, 4, 5563.	1.9	46
155	SET-LRP of hydrophobic and hydrophilic acrylates in tetrafluoropropanol. Polymer Chemistry, 2013, 4, 5555.	1.9	52
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