SÃ©bastien Perrier

List of Publications by Year
in descending order

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285 papers	18,888 citations	14655 66 h-index	15732 125 g-index
295 all docs	295 docs citations	295 times ranked	14138 citing authors

#	Article	IF	Citations
1	Macromolecular design via reversible addition-fragmentation chain transfer (RAFT)/xanthates (MADIX) polymerization. Journal of Polymer Science Part A, 2005, 43, 5347-5393.	2.3	1,095
2	50th Anniversary Perspective: RAFT Polymerizationâ€”A User Guide. Macromolecules, 2017, 50, 7433-7447.	4.8	1,007
3	Bioapplications of RAFT Polymerization. Chemical Reviews, 2009, 109, 5402-5436.	47.7	913
4	Cellulose modification by polymer grafting: a review. Chemical Society Reviews, 2009, 38, 2046.	38.1	884
5	Smart hybrid materials by conjugation of responsive polymers to biomacromolecules. Nature Materials, 2015, 14, 143-159.	27.5	512
6	Reversible Additionâ^'Fragmentation Chain Transfer Polymerization:â€‰ End Group Modification for Functionalized Polymers and Chain Transfer Agent Recovery. Macromolecules, 2005, 38, 2033-2036.	4.8	466
7	Rapid and quantitative one-pot synthesis of sequence-controlled polymers by radical polymerization. Nature Communications, 2013, 4, 2505.	12.8	403
8	Controlled/Living Radical Polymerization in Dispersed Systems: An Update. Chemical Reviews, 2015, 115, 9745-9800.	47.7	393
9	Origin of Inhibition Effects in the Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization of Methyl Acrylate. Macromolecules, 2002, 35, 8300-8306.	4.8	332
10	Antibacterial Cellulose Fiber via RAFT Surface Graft Polymerization. Biomacromolecules, 2008, 9, 91-99.	5.4	311
11	Hyperbranched Polymers by Thiolâ^'Yne Chemistry: From Small Molecules to Functional Polymers. Journal of the American Chemical Society, 2009, 131, 18075-18077.	13.7	280
12	One-Pot Hyperbranched Polymer Synthesis Mediated by Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization. Macromolecules, 2005, 38, 2131-2136.	4.8	273
13	The future of reversible addition fragmentation chain transfer polymerization. Journal of Polymer Science Part A, 2008, 46, 5715-5723.	2.3	265
14	Design and properties of functional nanotubes from the self-assembly of cyclic peptide templates. Chemical Society Reviews, 2012, 41, 6023.	38.1	265
15	'Green' reversible addition-fragmentation chain-transfer (RAFT) polymerization. Nature Chemistry, 2010, 2, 811-820.	13.6	264
16	Graft Polymerization:â€‰ Grafting Poly(styrene) from Cellulose via Reversible Additionâ^'Fragmentation Chain Transfer (RAFT) Polymerization. Macromolecules, 2005, 38, 10363-10372.	4.8	255
17	Pushing the Limit of the RAFT Process: Multiblock Copolymers by One-Pot Rapid Multiple Chain Extensions at Full Monomer Conversion. Macromolecules, 2014, 47, 3451-3460.	4.8	208
18	Versatile Chain Transfer Agents for Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization to Synthesize Functional Polymeric Architectures. Macromolecules, 2004, 37, 2709-2717.	4.8	196

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19	Synthesis of Monocyclic and Linear Polystyrene Using the Reversible Coupling/Cleavage of Thiol/Disulfide Groups. Macromolecules, 2006, 39, 9028-9034.	4.8	152
20	Exploitation of the Degenerative Transfer Mechanism in RAFT Polymerization for Synthesis of Polymer of High Livingness at Full Monomer Conversion. Macromolecules, 2014, 47, 639-649.	4.8	144
21	The limits of precision monomer placement in chain growth polymerization. Nature Communications, 2016, 7, 10514.	12.8	141
22	Surface-Initiated Reversible Additionâ€“Fragmentation Chain Transfer (RAFT) Polymerization from Fine Particles Functionalized with Trithiocarbonates. Macromolecules, 2011, 44, 8944-8953.	4.8	140
23	Synthesis of Well-Defined Homopolymer and Diblock Copolymer Grafted onto Silica Particles by Z-Supported RAFT Polymerization. Macromolecules, 2006, 39, 8603-8608.	4.8	139
24	Highly Branched and Hyperbranched Glycopolymers via Reversible Additionâ^'Fragmentation Chain Transfer Polymerization and Click Chemistry. Macromolecules, 2010, 43, 1438-1443.	4.8	137
25	Ultrafast RAFT polymerization: multiblock copolymers within minutes. Polymer Chemistry, 2015, 6, 1502-1511.	3.9	130
26	First report of reversible additionâ€“fragmentation chain transfer (RAFT) polymerisation in room temperature ionic liquids. Chemical Communications, 2002, , 2226-2227.	4.1	126
27	Hierarchical bicontinuous porosity in metalâ€“organic frameworks templated from functional block co-oligomer micelles. Chemical Science, 2013, 4, 3573.	7.4	124
28	Reversible Additionâ^'Fragmentation Chain Transfer Graft Polymerization Mediated by Fumed Silica Supported Chain Transfer Agents. Macromolecules, 2007, 40, 9116-9124.	4.8	118
29	RAFT Polymerization Kinetics: Combination of Apparently Conflicting Models. Macromolecules, 2008, 41, 6400-6412.	4.8	116
30	Efficient Artificial Light-Harvesting System Based on Supramolecular Peptide Nanotubes in Water. Journal of the American Chemical Society, 2021, 143, 382-389.	13.7	111
31	Copper(I)-Mediated Living Radical Polymerization in the Presence of Oxyethylene Groups:Â Online1H NMR Spectroscopy To Investigate Solvent Effects. Macromolecules, 2000, 33, 8246-8251.	4.8	109
32	Branched and Dendritic Polymer Architectures: Functional Nanomaterials for Therapeutic Delivery. Advanced Functional Materials, 2020, 30, 1901001.	14.9	109
33	Selective One-Pot Synthesis of Trithiocarbonates, Xanthates, and Dithiocarbamates for Use in RAFT/MADIX Living Radical Polymerizations. Organic Letters, 2006, 8, 553-556.	4.6	106
34	Reversible Additionâ^'Fragmentation Chain Transfer Polymerization Mediated by a Solid Supported Chain Transfer Agent. Macromolecules, 2005, 38, 6770-6774.	4.8	105
35	Living Radical Polymerization of Isoprene via the RAFT Process. Macromolecules, 2007, 40, 1408-1412.	4.8	105
36	Optimization of the RAFT polymerization conditions for the in situ formation of nano-objects via dispersion polymerization in alcoholic medium. Polymer Chemistry, 2014, 5, 6990-7003.	3.9	101

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37	Hyperbranched alternating block copolymers using thiolâ€“yne chemistry: materials with tuneable properties. Chemical Communications, 2011, 47, 239-241.	4.1	100
38	A guide to supramolecular polymerizations. Polymer Chemistry, 2020, 11, 1083-1110.	3.9	99
39	One-Pot RAFT/â€œClickâ€•Chemistry via Isocyanates: Efficient Synthesis of Î±-End-Functionalized Polymers. Journal of the American Chemical Society, 2012, 134, 12596-12603.	13.7	97
40	Photosensitized Production of Atmospherically Reactive Organic Compounds at the Air/Aqueous Interface. Journal of the American Chemical Society, 2015, 137, 8348-8351.	13.7	97
41	Successful Dispersion Polymerization in Supercritical CO₂ Using Polyvinylalkylate Hydrocarbon Surfactants Synthesized and Anchored via RAFT. Journal of the American Chemical Society, 2008, 130, 12242-12243.	13.7	96
42	â€œClickâ€•Chemistry and Radical Polymerization: Potential Loss of Orthogonality. Macromolecules, 2008, 41, 6728-6732.	4.8	94
43	Preparation of complex multiblock copolymers via aqueous RAFT polymerization at room temperature. Polymer Chemistry, 2015, 6, 4875-4886.	3.9	92
44	Copper(I)-mediated radical polymerization of methacrylates in aqueous solution. Journal of Polymer Science Part A, 2001, 39, 1696-1707.	2.3	91
45	Snowpack processing of acetaldehyde and acetone in the Arctic atmospheric boundary layer. Atmospheric Environment, 2002, 36, 2743-2752.	4.1	90
46	Janus cyclic peptideâ€“polymer nanotubes. Nature Communications, 2013, 4, 2780.	12.8	89
47	Synthesis of naturalâ€“synthetic hybrid materials from cellulose via the RAFT process. Soft Matter, 2008, 4, 145-155.	2.7	86
48	Thermo-responsive Poly(methyl methacrylate)-block-poly(N-isopropylacrylamide) Block Copolymers Synthesized by RAFT Polymerization: Micellization and Gelation. Macromolecular Chemistry and Physics, 2006, 207, 1718-1726.	2.2	85
49	Thermal Gating in Lipid Membranes Using Thermoresponsive Cyclic Peptideâ€“Polymer Conjugates. Journal of the American Chemical Society, 2014, 136, 8018-8026.	13.7	85
50	Influence of reaction parameters on the synthesis of hyperbranched polymers via reversible addition fragmentation chain transfer (RAFT) polymerization. Polymer, 2005, 46, 6293-6299.	3.8	83
51	Sequence Control as a Powerful Tool for Improving the Selectivity of Antimicrobial Polymers. ACS Applied Materials & Interfaces, 2017, 9, 40117-40126.	8.0	83
52	RAFT polymerization kinetics: How long are the crossâ€terminating oligomers?. Journal of Polymer Science Part A, 2009, 47, 3455-3466.	2.3	82
53	Molecular Self-Assembly and Supramolecular Chemistry of Cyclic Peptides. Chemical Reviews, 2021, 121, 13936-13995.	47.7	82
54	Thermoresponsive micelles from well-defined block copolymers synthesized via reversible addition-fragmentation chain transfer polymerization. Journal of Polymer Science Part A, 2005, 43, 3643-3654.	2.3	81

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55	Modular design for the controlled production of polymeric nanotubes from polymer/peptide conjugates. Polymer Chemistry, 2011, 2, 1956.	3.9	81
56	Synthesis of silicaâ€“polymer coreâ€“shell nanoparticles by reversible additionâ€“fragmentation chain transfer polymerization. Chemical Communications, 2013, 49, 9077.	4.1	81
57	Original approach to multiblock copolymers via reversible additionâ€“fragmentation chain transfer polymerization. Journal of Polymer Science Part A, 2007, 45, 2334-2340.	2.3	79
58	Orthogonal â€œRelayâ€•Reactions for Designing Functionalized Soft Nanoparticles. Journal of the American Chemical Society, 2009, 131, 1889-1895.	13.7	77
59	Synthetic Strategies for the Design of Peptide/Polymer Conjugates. Polymer Reviews, 2011, 51, 214-234.	10.9	77
60	Cyclic Peptideâ€“Polymer Nanotubes as Efficient and Highly Potent Drug Delivery Systems for Organometallic Anticancer Complexes. Biomacromolecules, 2018, 19, 239-247.	5.4	74
61	Controlled radical polymerization in dispersed systems for biological applications. Progress in Polymer Science, 2020, 102, 101209.	24.7	72
62	Sequenceâ€€controlled Multiblock Copolymers via RAFT Polymerization: Modeling and Simulations. Macromolecular Theory and Simulations, 2014, 23, 331-339.	1.4	70
63	Tuning the color switching of naphthopyrans via the control of polymeric architectures. Journal of Materials Chemistry, 2007, 17, 1885-1893.	6.7	69
64	Hyperbranched Polymers with High Degrees of Branching and Low Dispersity Values: Pushing the Limits of Thiolâ€“Yne Chemistry. Macromolecules, 2016, 49, 1296-1304.	4.8	69
65	Reversible additionâ€“fragmentation chain transfer polymerization of methacrylate, acrylate and styrene monomers in 1-alkyl-3-methylimidazolium hexfluorophosphate. European Polymer Journal, 2003, 39, 417-422.	5.4	68
66	Exploitation of the Nanoreactor Concept for Efficient Synthesis of Multiblock Copolymers via MacroRAFT-Mediated Emulsion Polymerization. ACS Macro Letters, 2019, 8, 989-995.	4.8	67
67	Polymerization induced self-assembly: tuning of nano-object morphology by use of CO₂. Polymer Chemistry, 2015, 6, 2249-2254.	3.9	65
68	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. Environmental Science & Technology, 2020, 54, 3114-3120.	10.0	65
69	Mechanistic Insights on the Photosensitized Chemistry of a Fatty Acid at the Air/Water Interface. Environmental Science & Technology, 2016, 50, 11041-11048.	10.0	64
70	Thermal stability of reversible addition-fragmentation chain transfer/macromolecular architecture design by interchange of xanthates chain-transfer agents. Journal of Polymer Science Part A, 2006, 44, 6980-6987.	2.3	63
71	Ultra-fast microwave enhanced reversible addition-fragmentation chain transfer (RAFT) polymerization: monomers to polymers in minutes. Chemical Communications, 2007, , 2145.	4.1	63
72	Copper(0)-mediated living radical polymerization of styrene. Polymer Chemistry, 2010, 1, 420-422.	3.9	63

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73	Synthesis and Immunological Evaluation of Selfâ€Assembling and Selfâ€Adjuvanting Tricomponent Glycopeptide Cancerâ€Vaccine Candidates. Chemistry - A European Journal, 2012, 18, 16540-16548.	3.3	63
74	Organosulfate Formation through the Heterogeneous Reaction of Sulfur Dioxide with Unsaturated Fatty Acids and Longâ€Chain Alkenes. Angewandte Chemie - International Edition, 2016, 55, 10336-10339.	13.8	63
75	Dual self-assembly of supramolecular peptide nanotubes to provide stabilisation in water. Nature Communications, 2019, 10, 4708.	12.8	63
76	Polymerization induced self-assembly: tuning of morphology using ionic strength and pH. Polymer Chemistry, 2017, 8, 3082-3089.	3.9	62
77	Design of complex polymeric architectures and nanostructured materials/hybrids by living radical polymerization of hydroxylated monomers. Polymer Chemistry, 2011, 2, 270-288.	3.9	61
78	Acetaldehyde and acetone in the Arctic snowpack during the ALERT2000 campaign. Snowpack composition, incorporation processes and atmospheric impact. Atmospheric Environment, 2002, 36, 2609-2618.	4.1	60
79	Microwave-Accelerated RAFT Polymerization of Polar Monomers. Macromolecular Rapid Communications, 2007, 28, 478-483.	3.9	58
80	Hierarchical Selfâ€Assembled Photoâ€Responsive Tubisomes from a Cyclic Peptideâ€Bridged Amphiphilic Block Copolymer. Angewandte Chemie - International Edition, 2020, 59, 8860-8863.	13.8	57
81	A new fluorescent probe for sensitive detection of carbonyl compounds: sensitivity improvement and application to environmental water samples. Analytica Chimica Acta, 2000, 412, 221-233.	5.4	56
82	SO₂ Uptake on Oleic Acid: A New Formation Pathway of Organosulfur Compounds in the Atmosphere. Environmental Science and Technology Letters, 2016, 3, 67-72.	8.7	56
83	Synthesis of silica-polymer hybrids by combination of RAFT polymerization and azide-alkyne cycloaddition â€˜clickâ€™ reactions. Polymer Chemistry, 2010, 1, 1615.	3.9	55
84	Formaldehyde in Arctic snow. Incorporation into ice particles and evolution in the snowpack. Atmospheric Environment, 2002, 36, 2695-2705.	4.1	54
85	Unexpected behavior of polydimethylsiloxane/poly(2-(dimethylamino)ethyl acrylate) (charged) amphiphilic block copolymers in aqueous solution. Polymer Chemistry, 2013, 4, 2140.	3.9	54
86	Nano-Engineered Multiblock Copolymer Nanoparticles via Reversible Additionâ€“Fragmentation Chain Transfer Emulsion Polymerization. Macromolecules, 2019, 52, 2965-2974.	4.8	54
87	Copper(0)â€Mediated Living Radical Polymerization of Methyl Methacrylate in a Nonâ€polar Solvent. Macromolecular Rapid Communications, 2010, 31, 1276-1280.	3.9	53
88	Preparation of Fluorinated Copolymers by Copper-Mediated Living Radical Polymerization. Macromolecules, 2003, 36, 9042-9049.	4.8	52
89	Poly(ethylene glycol)â€based amphiphilic model conetworks: Synthesis by RAFT polymerization and characterization. Journal of Polymer Science Part A, 2008, 46, 7556-7565.	2.3	52
90	Structure elucidation and control of cyclic peptide-derived nanotube assemblies in solution. Chemical Science, 2013, 4, 2581.	7.4	52

#	ARTICLE	IF	CITATIONS
91	Synthesis of Self-assembling Cyclic Peptide-polymer Conjugates using Click Chemistry. Australian Journal of Chemistry, 2010, 63, 1169.	0.9	51
92	Preparation of fluorinated methacrylic copolymers by copper mediated living radical polymerization. Tetrahedron, 2002, 58, 4053-4059.	1.9	49
93	Cyclic peptideâ€“polymer conjugates: Graftingâ€to vs graftingâ€from. Journal of Polymer Science Part A, 2016, 54, 1003-1011.	2.3	49
94	A New Methodology for Assessing Macromolecular Click Reactions and Its Application to Amineâ€“Tertiary Isocyanate Coupling for Polymer Ligation. Journal of the American Chemical Society, 2016, 138, 4061-4068.	13.7	49
95	Polymer Architecturesvia Reversible Addition Fragmentation Chain Transfer(RAFT) Polymerization. Macromolecular Symposia, 2004, 216, 23-36.	0.7	48
96	Obtaining Kinetic Information from the Chain-Length Distribution of Polymers Produced by RAFT. Journal of Physical Chemistry B, 2009, 113, 7086-7094.	2.6	48
97	Waterâ€Soluble and pHâ€Responsive Polymeric Nanotubes from Cyclic Peptide Templates. Chemistry - A European Journal, 2013, 19, 1955-1961.	3.3	48
98	Tunable Length of Cyclic Peptideâ€“Polymer Conjugate Self-Assemblies in Water. ACS Macro Letters, 2016, 5, 1119-1123.	4.8	48
99	Complex multiblock bottle-brush architectures by RAFT polymerization. Chemical Communications, 2017, 53, 11901-11904.	4.1	48
100	Cyclic peptide-poly(HPMA) nanotubes as drug delivery vectors: InÂvitro assessment, pharmacokinetics and biodistribution. Biomaterials, 2018, 178, 570-582.	11.4	47
101	Targeting intracellular, multi-drug resistant Staphylococcus aureus with guanidinium polymers by elucidating the structure-activity relationship. Biomaterials, 2019, 217, 119249.	11.4	47
102	pH- and thermo-multi-responsive fluorescent micelles from block copolymers via reversible addition fragmentation chain transfer (RAFT) polymerization. Polymer, 2009, 50, 4151-4158.	3.8	46
103	Spatially Controlled Photochemical Peptide and Polymer Conjugation on Biosurfaces. Biomacromolecules, 2013, 14, 4340-4350.	5.4	46
104	Synthesis of Sequence-Controlled Multiblock Single Chain Nanoparticles by a Stepwise Foldingâ€“Chain Extensionâ€“Folding Process. Macromolecules, 2016, 49, 8933-8942.	4.8	46
105	pH-Responsive, Amphiphilic Coreâ€“Shell Supramolecular Polymer Brushes from Cyclic Peptideâ€“Polymer Conjugates. ACS Macro Letters, 2017, 6, 1347-1351.	4.8	46
106	Effect of water on copper mediated living radical polymerization. Macromolecular Symposia, 2002, 182, 261-272.	0.7	45
107	Looped flow RAFT polymerization for multiblock copolymer synthesis. Polymer Chemistry, 2017, 8, 3249-3254.	3.9	45
108	Secondary Selfâ€Assembly of Supramolecular Nanotubes into Tubisomes and Their Activity on Cells. Angewandte Chemie - International Edition, 2018, 57, 16678-16682.	13.8	45

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109	Particle-Phase Photosensitized Radical Production and Aerosol Aging. Environmental Science & Technology, 2018, 52, 7680-7688.	10.0	45
110	Drug Conjugation to Cyclic Peptideâ€“Polymer Selfâ€Assembling Nanotubes. Chemistry - A European Journal, 2014, 20, 12745-12749.	3.3	44
111	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. Macromolecules, 2017, 50, 7380-7387.	4.8	44
112	A Facile Route to Functional Hyperbranched Polymers by Combining Reversible Additionâ€“Fragmentation Chain Transfer Polymerization, Thiolâ€“Yne Chemistry, and Postpolymerization Modification Strategies. ACS Macro Letters, 2013, 2, 366-370.	4.8	43
113	Synthesis of a cellulose supported chain transfer agent and its application to RAFT polymerization. Journal of Polymer Science Part A, 2010, 48, 4361-4365.	2.3	42
114	Multiâ€shell Soft Nanotubes from Cyclic Peptide Templates. Advanced Materials, 2013, 25, 1170-1172.	21.0	42
115	Thermoresponsive cyclic peptide â€“ poly(2-ethyl-2-oxazoline) conjugate nanotubes. Chemical Communications, 2013, 49, 6522.	4.1	42
116	Interfacial photochemistry of biogenic surfactants: a major source of abiotic volatile organic compounds. Faraday Discussions, 2017, 200, 59-74.	3.2	42
117	Hyperbranched poly(ethylenimine-co-oxazoline) by thiolâ€“yne chemistry for non-viral gene delivery: investigating the role of polymer architecture. Polymer Chemistry, 2019, 10, 1202-1212.	3.9	42
118	Merrifield Resin-Supported Chain Transfer Agents, Precursors for RAFT Polymerization. Organic Letters, 2005, 7, 3449-3452.	4.6	41
119	Synthesis of well-defined conjugated copolymers by RAFT polymerization using cysteine and glutathione-based chain transfer agents. Chemical Communications, 2007, , 4294.	4.1	41
120	Ordered Microphase Separation in Thin Films of PMMAâˆ’PBA Synthesized by RAFT: Effect of Block Polydispersity. Macromolecules, 2009, 42, 3138-3146.	4.8	41
121	Hydroxyapatite Mineralization in the Presence of Anionic Polymers. Crystal Growth and Design, 2013, 13, 4252-4259.	3.0	40
122	Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. Angewandte Chemie - International Edition, 2020, 59, 7203-7208.	13.8	40
123	Poly(ethylene glycol) as solvent for transition metal mediated living radical polymerisationElectronic supplementary information (ESI) available: experimental data. See http://www.rsc.org/suppdata/cc/b3/b313061d/. Chemical Communications, 2004, , 604.	4.1	39
124	Synthesis of Polystyrene-Based Hyperbranched Polymers by Thiolâ€“Yne Chemistry: A Detailed Investigation. Macromolecules, 2014, 47, 6697-6705.	4.8	39
125	Probing the Dynamic Nature of Selfâ€Assembling Cyclic Peptideâ€“Polymer Nanotubes in Solution and in Mammalian Cells. Advanced Functional Materials, 2018, 28, 1704569.	14.9	39
126	Facile synthesis of starâ€shaped copolymers via combination of RAFT and ring opening polymerization. Journal of Polymer Science Part A, 2009, 47, 6396-6408.	2.3	38

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127	Tunable Selfâ€Assembly of Triazoleâ€Linked Porphyrinâ€“Polymer Conjugates. Chemistry - A European Journal, 2013, 19, 12759-12770.	3.3	38
128	Plastic identification based on molecular and elemental information from laser induced breakdown spectra: a comparison of plasma conditions in view of efficient sorting. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 88, 167-173.	2.9	38
129	Fatty Acid Surfactant Photochemistry Results in New Particle Formation. Scientific Reports, 2017, 7, 12693.	3.3	37
130	Solid-Supported MADIX Polymerization of Vinyl Acetate. Macromolecules, 2008, 41, 7071-7078.	4.8	36
131	Pushing the limits of copper mediated azideâ€“alkyne cycloaddition (CuAAC) to conjugate polymeric chains to cyclic peptides. Polymer Chemistry, 2012, 3, 1820.	3.9	36
132	Temperature- and pH-Responsive Micelles with Collapsible Poly(N-isopropylacrylamide) Headgroups. Langmuir, 2014, 30, 7986-7992.	3.5	36
133	Parallel and antiparallel cyclic <scp>d</scp>/<scp>l</scp> peptide nanotubes. Chemical Communications, 2017, 53, 6613-6616.	4.1	36
134	Polymerizationâ€Induced Selfâ€Assembly under Compressed CO₂: Control of Morphology Using a CO₂â€Responsive MacroRAFT Agent. Macromolecular Rapid Communications, 2019, 40, e1800335.	3.9	36
135	RAFT Emulsion Polymerization for (Multi)block Copolymer Synthesis: Overcoming the Constraints of Monomer Order. Macromolecules, 2021, 54, 736-746.	4.8	36
136	Anionic multiblock core cross-linked star copolymers via RAFT polymerization. Polymer Chemistry, 2017, 8, 5513-5524.	3.9	35
137	Novel Amide-Based Chain Transfer Agent for Reversible Addition Fragmentation Chain Transfer Polymerization. Macromolecules, 2005, 38, 1057-1060.	4.8	34
138	Polymerâ€“peptide chimeras for the multivalent display of immunogenic peptides. Chemical Communications, 2010, 46, 2188.	4.1	34
139	Poly(bromoethyl acrylate): A Reactive Precursor for the Synthesis of Functional RAFT Materials. Macromolecules, 2016, 49, 6203-6212.	4.8	34
140	Self-assembly and disassembly of stimuli responsive tadpole-like single chain nanoparticles using a switchable hydrophilic/hydrophobic boronic acid cross-linker. Polymer Chemistry, 2017, 8, 4079-4087.	3.9	34
141	The structure of randomly branched polymers synthesized by living radical methods. Polymer Chemistry, 2010, 1, 1067.	3.9	33
142	Monodisperse, Charge-Stabilized, Coreâ€“Shell Particles via Silica-Supported Reversible Additionâ€“Fragmentation Chain Transfer Polymerization for Cell Imaging. Chemistry of Materials, 2013, 25, 3522-3527.	6.7	33
143	Novel Difunctional Reversible Addition Fragmentation Chain Transfer (RAFT) Agent for the Synthesis of Telechelic and ABA Triblock Methacrylate and Acrylate Copolymers. Macromolecules, 2007, 40, 2318-2326.	4.8	32
144	Well-defined hyperstar copolymers based on a thiolâ€“yne hyperbranched core and a poly(2-oxazoline) shell for biomedical applications. Polymer Chemistry, 2017, 8, 2041-2054.	3.9	32

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145	Specific and Differential Binding of N-Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. Biomacromolecules, 2017, 18, 1624-1633.	5.4	32
146	Hydrogel and Organogel Formation by Hierarchical Selfâ€Assembly of Cyclic Peptides Nanotubes. Chemistry - A European Journal, 2018, 24, 19066-19074.	3.3	32
147	Heparinâ€Mimicking Sulfonated Polymer Nanoparticles via RAFT Polymerizationâ€Induced Selfâ€Assembly. Macromolecular Rapid Communications, 2019, 40, e1800314.	3.9	32
148	Stimuli-responsive membrane activity of cyclic-peptideâ€“polymer conjugates. Chemical Science, 2019, 10, 5476-5483.	7.4	32
149	Exploitation of Compartmentalization in RAFT Miniemulsion Polymerization to Increase the Degree of Livingness. Journal of Polymer Science Part A, 2019, 57, 1938-1946.	2.3	31
150	Supramolecular switching of the self-assembly of cyclic peptideâ€“polymer conjugates via hostâ€“guest chemistry. Chemical Communications, 2019, 55, 5291-5294.	4.1	31
151	Antimicrobial Polymers: Mimicking Amino Acid Functionali ty, Sequence Control and Three-dimensional Structure of Host-defen se Peptides. Current Medicinal Chemistry, 2017, 24, 2115-2140.	2.4	31
152	Poly(ethylene glycol) as a 'green solventâ€™ for the RAFT polymerization of methyl methacrylate. Polymer, 2010, 51, 3836-3842.	3.8	30
153	Origin of Initial Uncontrolled Polymerization and Its Suppression in the Copper(0)-Mediated Living Radical Polymerization of Methyl Acrylate in a Nonpolar Solvent. Macromolecules, 2011, 44, 8034-8041.	4.8	30
154	Fluorescent bowl-shaped nanoparticles from â€˜clickedâ€™ porphyrinâ€“polymer conjugates. Polymer Chemistry, 2014, 5, 4016-4021.	3.9	30
155	Synthesis of Poly(methyl acrylate) Grafted onto Silica Particles by Z-supported RAFT Polymerization. Macromolecular Symposia, 2007, 248, 94-103.	0.7	29
156	One-pot ATRP synthesis of a triple hydrophilic block copolymer with dual LCSTs and its thermo-induced association behavior. Soft Matter, 2012, 8, 9526.	2.7	29
157	Altering Peptide Fibrillization by Polymer Conjugation. Biomacromolecules, 2012, 13, 2739-2747.	5.4	29
158	Cationic and hydrolysable branched polymers by RAFT for complexation and controlled release of dsRNA. Polymer Chemistry, 2018, 9, 4025-4035.	3.9	29
159	Low-Dispersity Polymers in Ab Initio Emulsion Polymerization: Improved MacroRAFT Agent Performance in Heterogeneous Media. Macromolecules, 2020, 53, 7672-7683.	4.8	29
160	Polymerization-induced self-assembly via RAFT in emulsion: effect of Z-group on the nucleation step. Polymer Chemistry, 2021, 12, 122-133.	3.9	29
161	RAFT Graft Polymerization of 2-(Dimethylaminoethyl) Methacrylate onto Cellulose Fibre. Australian Journal of Chemistry, 2006, 59, 737.	0.9	28
162	The synthesis of well-defined poly(vinylbenzyl chloride)-grafted nanoparticles via RAFT polymerization. Beilstein Journal of Organic Chemistry, 2013, 9, 1226-1234.	2.2	28

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163	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. ACS Macro Letters, 2018, 7, 909-915.	4.8	28
164	â€œClickableâ€•polymers via a combination of RAFT polymerization and isocyanate chemistry. Journal of Polymer Science Part A, 2011, 49, 2771-2782.	2.3	27
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