

# San H Thang

## List of Publications by Year in descending order

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163  
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Living Free-Radical Polymerization by Reversible Addition~Fragmentation Chain Transfer:~ The RAFT Process. <i>Macromolecules</i> , 1998, 31, 5559-5562.	2.2	4,672
2	Living Radical Polymerization by the RAFT Process. <i>Australian Journal of Chemistry</i> , 2005, 58, 379.	0.5	2,116
3	Radical addition~fragmentation chemistry in polymer synthesis. <i>Polymer</i> , 2008, 49, 1079-1131.	1.8	1,296
4	Living Radical Polymerization by the RAFT Process ~ A Third Update. <i>Australian Journal of Chemistry</i> , 2012, 65, 985.	0.5	920
5	Living Radical Polymerization by the RAFT Process - A Second Update. <i>Australian Journal of Chemistry</i> , 2009, 62, 1402.	0.5	874
6	Living Radical Polymerization by the RAFT Process~ A First Update. <i>Australian Journal of Chemistry</i> , 2006, 59, 669.	0.5	826
7	A More Versatile Route to Block Copolymers and Other Polymers of Complex Architecture by Living Radical Polymerization:~ The RAFT Process. <i>Macromolecules</i> , 1999, 32, 2071-2074.	2.2	820
8	Living free radical polymerization with reversible addition - fragmentation chain transfer (the life of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227	1.6	799
9	Thiocarbonylthio Compounds [SC(Ph)S~R] in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Role of the Free-Radical Leaving Group (R). <i>Macromolecules</i> , 2003, 36, 2256-2272.	2.2	758
10	Advances in RAFT polymerization: the synthesis of polymers with defined end-groups. <i>Polymer</i> , 2005, 46, 8458-8468.	1.8	735
11	Toward Living Radical Polymerization. <i>Accounts of Chemical Research</i> , 2008, 41, 1133-1142.	7.6	675
12	Thiocarbonylthio Compounds (SC(Z)S~R) in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Effect of the Activating Group Z. <i>Macromolecules</i> , 2003, 36, 2273-2283.	2.2	587
13	A New Double-Responsive Block Copolymer Synthesized via RAFT Polymerization:~ Poly(N-isopropylacrylamide)-block-poly(acrylic acid). <i>Macromolecules</i> , 2004, 37, 7861-7866.	2.2	524
14	Living Radical Polymerization with Reversible Addition~Fragmentation Chain Transfer (RAFT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 6977-6980.	2.2	519
15	RAFT Agent Design and Synthesis. <i>Macromolecules</i> , 2012, 45, 5321-5342.	2.2	505
16	Living Polymers by the Use of Trithiocarbonates as Reversible Addition~Fragmentation Chain Transfer (RAFT) Agents:~ ABA Triblock Copolymers by Radical Polymerization in Two Steps. <i>Macromolecules</i> , 2000, 33, 243-245.	2.2	446
17	A novel synthesis of functional dithioesters, dithiocarbamates, xanthates and trithiocarbonates. <i>Tetrahedron Letters</i> , 1999, 40, 2435-2438.	0.7	441
18	Molecular Weight Characterization of Poly(N-isopropylacrylamide) Prepared by Living Free-Radical Polymerization. <i>Macromolecules</i> , 2000, 33, 6738-6745.	2.2	331

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19	Mechanism and Kinetics of RAFT-Based Living Radical Polymerizations of Styrene and Methyl Methacrylate. <i>Macromolecules</i> , 2001, 34, 402-408.	2.2	313
20	RAFT Polymerization and Some of its Applications. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1634-1644.	1.7	276
21	End-functional polymers, thiocarbonylthio group removal/transformation and reversible addition-fragmentation-chain transfer (RAFT) polymerization. <i>Polymer International</i> , 2011, 60, 9-25.	1.6	275
22	Universal (Switchable) RAFT Agents. <i>Journal of the American Chemical Society</i> , 2009, 131, 6914-6915.	6.6	271
23	Thiocarbonylthio End Group Removal from RAFT-Synthesized Polymers by Radical-Induced Reduction. <i>Macromolecules</i> , 2007, 40, 4446-4455.	2.2	221
24	Synthesis of Defined Polymers by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process. <i>ACS Symposium Series</i> , 2000, , 278-296.	0.5	175
25	Living Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT): A Direct ESR Observation of Intermediate Radicals. <i>Macromolecules</i> , 1999, 32, 5457-5459.	2.2	174
26	Chain Transfer to Polymer: A Convenient Route to Macromonomers. <i>Macromolecules</i> , 1999, 32, 7700-7702.	2.2	163
27	Functional polymers for optoelectronic applications by RAFT polymerization. <i>Polymer Chemistry</i> , 2011, 2, 492-519.	1.9	153
28	Synthesis of novel architectures by radical polymerization with reversible addition fragmentation chain transfer (RAFT polymerization). <i>Macromolecular Symposia</i> , 2003, 192, 1-12.	0.4	147
29	Preparation of controlled-molecular-weight, olefin-terminated polymers by free radical methods. Chain transfer using allylic sulfides. <i>Macromolecules</i> , 1988, 21, 3122-3124.	2.2	144
30	Chain Transfer Activity of $\alpha$ -Unsaturated Methyl Methacrylate Oligomers. <i>Macromolecules</i> , 1996, 29, 7717-7726.	2.2	140
31	Tailored polymers by free radical processes. <i>Macromolecular Symposia</i> , 1999, 143, 291-307.	0.4	136
32	Thermo-Induced Self-Assembly of Responsive Poly(DMAEMA- <i>b</i> -DEGMA) Block Copolymers into Multi- and Unilamellar Vesicles. <i>Macromolecules</i> , 2012, 45, 9292-9302.	2.2	129
33	Controlled RAFT Polymerization in a Continuous Flow Microreactor. <i>Organic Process Research and Development</i> , 2011, 15, 593-601.	1.3	123
34	Thermolysis of RAFT-Synthesized Poly(Methyl Methacrylate). <i>Australian Journal of Chemistry</i> , 2006, 59, 755.	0.5	117
35	The use of substituted allylic sulfides to prepare end-functional polymers of controlled molecular weight by free-radical polymerization. <i>Macromolecules</i> , 1991, 24, 3689-3695.	2.2	109
36	Polystyrene-block-poly(vinyl acetate) through the Use of a Switchable RAFT Agent. <i>Macromolecules</i> , 2009, 42, 9384-9386.	2.2	109

#	ARTICLE	IF	CITATIONS
37	Switchable Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization in Aqueous Solution, <i>N,N</i> -Dimethylacrylamide. <i>Macromolecules</i> , 2011, 44, 6738-6745.	2.2	105
38	Chain transfer activity of some activated allylic compounds. <i>Polymer Bulletin</i> , 1990, 24, 501-505.	1.7	91
39	Imidazolidinone Nitroxide-Mediated Polymerization. <i>Macromolecules</i> , 1999, 32, 6895-6903.	2.2	85
40	RAFT synthesis of linear and star-shaped light harvesting polymers using di- and hexafunctional ruthenium polypyridine reagents. <i>Journal of Materials Chemistry</i> , 2003, 13, 2696-2700.	6.7	85
41	New Free-Radical Ring-Opening Acrylate Monomers. <i>Macromolecules</i> , 1994, 27, 7935-7937.	2.2	84
42	Tailored polymer architectures by reversible addition-fragmentation chain transfer. <i>Macromolecular Symposia</i> , 2001, 174, 209-212.	0.4	82
43	Chain Transfer Kinetics of Acid/Base Switchable <i>N</i> -Aryl- <i>N</i> -Pyridyl Dithiocarbamate RAFT Agents in Methyl Acrylate, <i>N</i> -Vinylcarbazole and Vinyl Acetate Polymerization. <i>Macromolecules</i> , 2012, 45, 4205-4215.	2.2	81
44	RAFT Polymerization: Adding to the Picture. <i>Macromolecular Symposia</i> , 2007, 248, 104-116.	0.4	79
45	Synthesis of Functionalized RAFT Agents for Light Harvesting Macromolecules. <i>Macromolecules</i> , 2004, 37, 5479-5481.	2.2	78
46	Initiating free radical polymerization. <i>Macromolecular Symposia</i> , 2002, 182, 65-80.	0.4	77
47	Controlled-Growth Free-Radical Polymerization of Methacrylate Esters: Reversible Chain Transfer versus Reversible Termination. <i>ACS Symposium Series</i> , 1998, , 332-360.	0.5	76
48	One pot synthesis of higher order quasi-block copolymer libraries via sequential RAFT polymerization in an automated synthesizer. <i>Polymer Chemistry</i> , 2014, 5, 5236-5246.	1.9	72
49	Synthesis of light harvesting polymers by RAFT methods. <i>Chemical Communications</i> , 2002, , 2276-2277.	2.2	64
50	RAFT Polymers: Novel Precursors for Polymer-Protein Conjugates. <i>ACS Symposium Series</i> , 2003, , 603-618.	0.5	62
51	RAFT-mediated polymerization-induced self-assembly (RAFT-PISA): current status and future directions. <i>Chemical Science</i> , 2022, 13, 4192-4224.	3.7	61
52	The application of a novel profluorescent nitroxide to monitor thermo-oxidative degradation of polypropylene. <i>Polymer Degradation and Stability</i> , 2005, 89, 427-435.	2.7	60
53	Kinetics and Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , 2003, , 520-535.	0.5	58
54	Living Free Radical Polymerisation Under a Constant Source of Gamma Radiation - An Example of Reversible Addition-Fragmentation Chain Transfer or Reversible Termination?. <i>Macromolecular Rapid Communications</i> , 2002, 23, 717-721.	2.0	56

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55	Chain transfer by radical addition-fragmentation mechanisms: Synthesis of macromonomers and end-functional oligomers. <i>Macromolecular Symposia</i> , 1995, 98, 101-123.	0.4	53
56	The effect of RAFT-derived cationic block copolymer structure on gene silencing efficiency. <i>Biomaterials</i> , 2012, 33, 7631-7642.	5.7	53
57	Reversible Addition Fragmentation Chain Transfer Polymerization of Methyl Methacrylate in the Presence of Lewis Acids: An Approach to Stereocontrolled Living Radical Polymerization. <i>Macromolecules</i> , 2007, 40, 9262-9271.	2.2	51
58	Star-Shaped Light-Harvesting Polymers Incorporating an Energy Cascade. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4368-4372.	7.2	50
59	Polymer Synthesis with More Than One Form of Living Polymerization Method. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800479.	2.0	49
60	An Arm-First Approach to Cleavable Mikto-Arm Star Polymers by RAFT Polymerization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 840-845.	2.0	47
61	Chain Transfer Activity of $\alpha$ -Unsaturated Methacrylic Oligomers in Polymerizations of Methacrylic Monomers. <i>Macromolecules</i> , 2004, 37, 4441-4452.	2.2	44
62	Advances in Switchable RAFT Polymerization. <i>Macromolecular Symposia</i> , 2015, 350, 34-42.	0.4	44
63	Triggered Degradable Colloidal Particles with Ordered Inverse Bicontinuous Cubic and Hexagonal Mesophases. <i>ACS Nano</i> , 2021, 15, 4688-4698.	7.3	42
64	Controlled synthesis of luminescent polymers using a bis-dithiobenzoate RAFT agent. <i>Chemical Communications</i> , 2008, , 1112.	2.2	39
65	New Features of the Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , 2009, , 3-18.	0.5	39
66	Core Degradable Star RAFT Polymers: Synthesis, Polymerization, and Degradation Studies. <i>Macromolecules</i> , 2013, 46, 9181-9188.	2.2	36
67	Continuous Flow Aminolysis of RAFT Polymers Using Multistep Processing and Inline Analysis. <i>Macromolecules</i> , 2014, 47, 8203-8213.	2.2	35
68	RAFT Polymerization: Materials of The Future, Science of Today: Radical Polymerization - The Next Stage. <i>Australian Journal of Chemistry</i> , 2009, 62, 1379.	0.5	34
69	Nonmigratory Poly(vinyl chloride)-block-polycaprolactone Plasticizers and Compatibilizers Prepared by Sequential RAFT and Ring-Opening Polymerization (RAFT- $\pi$ -ROP). <i>Macromolecules</i> , 2019, 52, 1746-1756.	2.2	34
70	Thermal Decomposition Mechanisms of tert-Alkyl Peroxypivalates Studied by the Nitroxide Radical Trapping Technique. <i>Journal of Organic Chemistry</i> , 2000, 65, 16-23.	1.7	33
71	Binary Copolymerization with Catalytic Chain Transfer. A Method for Synthesizing Macromonomers Based on Monosubstituted Monomers. <i>Macromolecules</i> , 2005, 38, 9037-9054.	2.2	32
72	Conformational transitions and dynamics of thermal responsive poly(N-isopropylacrylamide) polymers as revealed by molecular simulation. <i>European Polymer Journal</i> , 2014, 55, 153-159.	2.6	32

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73	Room temperature synthesis of block copolymer nano-objects with different morphologies via ultrasound initiated RAFT polymerization-induced self-assembly (sono-RAFT-PISA). <i>Polymer Chemistry</i> , 2020, 11, 3564-3572.	1.9	32
74	Reaction of tert-Alkoxy and Alkyl Radicals with Styrene Studied by the Nitroxide Radical-Trapping Technique. <i>Journal of Organic Chemistry</i> , 1997, 62, 5578-5582.	1.7	31
75	Amphiphilic Acenaphthylene-Maleic Acid Light-Harvesting Alternating Copolymers: Reversible Addition-Fragmentation Chain Transfer Synthesis and Fluorescence. <i>Macromolecules</i> , 2005, 38, 3475-3481.	2.2	30
76	Synthesis and Fluorescence of a Series of Multichromophoric Acenaphthenyl Compounds. <i>Journal of Organic Chemistry</i> , 2005, 70, 1844-1852.	1.7	30
77	Degradable pH and redox dual responsive nanoparticles for efficient covalent drug delivery. <i>Polymer Chemistry</i> , 2019, 10, 1291-1298.	1.9	29
78	RAFT-Derived Polymer-Drug Conjugates: Poly(hydroxypropyl methacrylamide) (HPMA)-Ethyl- $\alpha$ -hydroxycamptothecin (SN-38) Conjugates. <i>ChemMedChem</i> , 2012, 7, 281-291.	1.6	28
79	Sonochemical preparation of polymer-metal nanocomposites with catalytic and plasmonic properties. <i>Nanoscale Advances</i> , 2021, 3, 3306-3315.	2.2	28
80	Derivatives of sucrose 3,4-epoxide. <i>Carbohydrate Research</i> , 1983, 121, 109-117.	1.1	26
81	Control of polymer structure by chain transfer processes. <i>Macromolecular Symposia</i> , 1996, 111, 1-11.	0.4	26
82	Alkoxyamine-mediated "living" radical polymerization: MS investigation of the early stages of styrene polymerization initiated by cumyl-TEISO. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1232-1241.	2.5	26
83	Substituent Effects on RAFT Polymerization with Benzyl Aryl Trithiocarbonates. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 529-538.	1.1	26
84	Combinatorial Discovery of Novel Amphiphilic Polymers for the Phase Transfer of Magnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16615-16624.	1.5	25
85	Polymerization-Induced Hierarchical Self-Assembly: From Monomer to Complex Colloidal Molecules and Beyond. <i>ACS Nano</i> , 2021, 15, 13721-13731.	7.3	25
86	The reactivity of nitroxides towards alkenes. <i>Tetrahedron Letters</i> , 2000, 41, 3673-3676.	0.7	24
87	RAFT Copolymerization and Its Application to the Synthesis of Novel Dispersants-Intercalants-Exfoliants for Polymer-Clay Nanocomposites. <i>ACS Symposium Series</i> , 2006, , 514-532.	0.5	24
88	Block Copolymer Synthesis through the Use of Switchable RAFT Agents. <i>ACS Symposium Series</i> , 2011, , 81-102.	0.5	24
89	Preparation of 1:1 alternating, nucleobase-containing copolymers for use in sequence-controlled polymerization. <i>Polymer Chemistry</i> , 2015, 6, 228-232.	1.9	24
90	Polymerization-Induced Self-Assembly (PISA) and Host-Guest-Complexation-Directed Polymer/Gold Nanocomposites. , 2020, 2, 492-498.		24

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91	Functionalization of liquid metal nanoparticles <i>via</i> the RAFT process. <i>Polymer Chemistry</i> , 2021, 12, 3015-3025.	1.9	24
92	Mechanisms of Excimer Formation in Poly(acenaphthylene). <i>Australian Journal of Chemistry</i> , 2004, 57, 1175.	0.5	23
93	A Convenient Synthesis of 1-Alkyl-4,4-dimethyl-1,4,5,6-tetrahydropyridines <sup>1</sup> . <i>Synthetic Communications</i> , 1993, 23, 2355-2361.	1.1	22
94	Initiation mechanisms for radical polymerization of styrene and methyl methacrylate with highly substituted peroxyvalate initiators. <i>Polymer</i> , 1999, 40, 1395-1401.	1.8	22
95	Preparation of Macromonomers via Chain Transfer with and without Added Chain Transfer Agent. <i>ACS Symposium Series</i> , 2000, , 297-312.	0.5	22
96	Effect of Cross-Link Density on Photoplasticity of Epoxide Networks Containing Allylic Dithioether Moieties. <i>Macromolecules</i> , 2012, 45, 9734-9741.	2.2	22
97	Fundamentals of RAFT Polymerization. <i>RSC Polymer Chemistry Series</i> , 2013, , 205-249.	0.1	21
98	Comparison of initiation mechanisms for polymerization initiated by primary, secondary and tertiary alkoxy radicals. <i>European Polymer Journal</i> , 1993, 29, 397-400.	2.6	20
99	Initiation Mechanisms for Radical Polymerization of Methyl Methacrylate with tert-Butyl Peroxyvalate. <i>Journal of the American Chemical Society</i> , 1996, 118, 10824-10828.	6.6	20
100	A facile synthesis of pH stimuli biocompatible block copolymer poly(methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (acid)-<i>	1.9	20
101	Facile synthesis of well-controlled poly(1-vinyl imidazole) by the RAFT process. <i>Polymer Chemistry</i> , 2020, 11, 5649-5658.	1.9	20
102	Initiation mechanisms in radical polymerization: reaction of isopropoxy radicals with methyl methacrylate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1351.	0.9	19
103	Initiation Mechanisms in Radical Polymerization: Reaction of tert-Alkyl Peroxyvalates with Methyl Methacrylate. <i>Macromolecules</i> , 1997, 30, 2843-2847.	2.2	19
104	Poly(N-isopropylacrylamide) capped plasmonic nanoparticles as resonance intensity-based temperature sensors with linear correlation. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10926-10932.	2.7	19
105	Covalent-Cross-Linked Plasmene Nanosheets. <i>ACS Nano</i> , 2019, 13, 6760-6769.	7.3	19
106	Cell-Penetrating, Peptide-Based RAFT Agent for Constructing Penetration Enhancers. <i>ACS Macro Letters</i> , 2020, 9, 260-265.	2.3	19
107	Free Radical Initiation Mechanisms in the Polymerization of Methyl Methacrylate and Styrene with 1,1,3,3-Tetramethylbutyl Peroxyvalate: Addition of Neopentyl Radicals. <i>Journal of the American Chemical Society</i> , 1997, 119, 10987-10991.	6.6	18
108	Synthesis of multifunctional miktoarm star polymers <i>via</i> an RGD peptide-based RAFT agent. <i>Polymer Chemistry</i> , 2019, 10, 228-234.	1.9	18

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109	Effect of solvents on the RAFT polymerization of N-(2-hydroxypropyl) methacrylamide. <i>European Polymer Journal</i> , 2019, 115, 166-172.	2.6	18
110	Tailored amphiphilic star-shaped light-harvesting copolymers. <i>Polymer International</i> , 2006, 55, 757-763.	1.6	17
111	RAFT for the Control of Monomer Sequence Distribution â€“ Single Unit Monomer Insertion (SUMI) into Dithiobenzoate RAFT Agents. <i>ACS Symposium Series</i> , 2014, , 133-147.	0.5	17
112	Synthesis of cleavable multi-functional mikto-arm star polymer by RAFT polymerization: example of an anti-cancer drug 7-ethyl-10-hydroxycamptothecin (SN-38) as functional moiety. <i>Science China Chemistry</i> , 2014, 57, 995-1001.	4.2	17
113	Comparing Gene Silencing and Physiochemical Properties in siRNA Bound Cationic Star-Polymer Complexes. <i>Biomacromolecules</i> , 2016, 17, 3532-3546.	2.6	16
114	Spindle-like and telophase-like self-assemblies mediated by complementary nucleobase molecular recognition. <i>Chemical Communications</i> , 2019, 55, 1462-1465.	2.2	16
115	Asymmetric Aldol Reaction on Water Using an Organocatalyst Tethered on a Thermoresponsive Block Copolymer. <i>Chemistry Letters</i> , 2013, 42, 1493-1495.	0.7	15
116	Syntheses and effectiveness of functional peptide-based RAFT agents. <i>Chemical Communications</i> , 2017, 53, 10776-10779.	2.2	15
117	Enzyme Degassing for Oxygen-Sensitive Reactions in Open Vessels of an Automated Parallel Synthesizer: RAFT Polymerizations. <i>ACS Combinatorial Science</i> , 2019, 21, 643-649.	3.8	15
118	Effect of end-groups on sulfobetaine homopolymers with the tunable upper critical solution temperature (UCST). <i>European Polymer Journal</i> , 2020, 132, 109704.	2.6	15
119	Reaction of t-butoxy radicals with norbornadiene. <i>Tetrahedron Letters</i> , 1985, 26, 5081-5084.	0.7	14
120	Synthesis of star-shaped polyzwitterions with adjustable UCST and fast responsiveness by a facile RAFT polymerization. <i>Polymer Chemistry</i> , 2020, 11, 3162-3168.	1.9	14
121	Novel Amphiphilic Block Copolymers for the Formation of Stimuli-Responsive Non-Lamellar Lipid Nanoparticles. <i>Molecules</i> , 2021, 26, 3648.	1.7	14
122	Polymer Nanodiscs and Their Bioanalytical Potential. <i>Chemistry - A European Journal</i> , 2021, 27, 12922-12939.	1.7	14
123	Inhibition of influenza virus in vivo by siRNA delivered using ABA triblock copolymer synthesized by reversible addition-fragmentation chain-transfer polymerization. <i>Nanomedicine</i> , 2014, 9, 1141-1154.	1.7	13
124	RAFT polymerization of a RGD peptide-based methacrylamide monomer for cell adhesion. <i>Polymer Chemistry</i> , 2018, 9, 1780-1786.	1.9	13
125	Synthesis, self-assembly, and base-pairing of nucleobase end-functionalized block copolymers in aqueous solution. <i>Polymer Chemistry</i> , 2018, 9, 5086-5094.	1.9	13
126	Versatile Approach for Preparing PVC-Based Mikto-Arm Star Additives Based on RAFT Polymerization. <i>Macromolecules</i> , 2020, 53, 4465-4479.	2.2	13



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127	d-fructose derivatives modified at C-4 by direct displacement and by oxirane opening. Carbohydrate Research, 1982, 103, 1-6.	1.1	12
128	Enhanced Energy Transfer Efficiency in Star-Shaped Light-Harvesting Block Copolymers Prepared by RAFT Polymerization. Journal of the Chinese Chemical Society, 2006, 53, 79-83.	0.8	12
129	Multi-responsive (diethylene glycol)methyl ether methacrylate (DEGMA)-based copolymer systems. RSC Advances, 2016, 6, 90923-90933.	1.7	12
130	Towards next generation high throughput ion exchange membranes for downstream bioprocessing: A review. Journal of Membrane Science, 2022, 647, 120325.	4.1	12
131	Formation of 3,6-anhydrosucrose by Mitsunobu dehydration of sucrose. Carbohydrate Research, 1988, 176, 306-308.	1.1	11
132	Initiation mechanisms in radical polymerization: reaction of t-butoxy radicals with allyl acrylate and with diallyl ether. Journal of the Chemical Society Perkin Transactions 1, 1988, , 485.	0.9	11
133	Advantage of Using tert-Hexyl Peroxypivalate as an Initiator for the Polymerization of Methyl Methacrylate. Macromolecules, 1996, 29, 8975-8976.	2.2	11
134	Improving the knowledge and design of end groups in polymers produced by free radical polymerization. Polymers for Advanced Technologies, 1998, 9, 94-100.	1.6	11
135	“All-PVC-Flexible Poly(vinyl Chloride); Nonmigratory Star-Poly(vinyl Chloride) as Plasticizers for PVC by RAFT Polymerization. Macromolecules, 2021, 54, 5022-5032.	2.2	11
136	Constructing novel nanofibrous polyacrylonitrile (PAN)-based anion exchange membrane adsorber for protein separation. Separation and Purification Technology, 2022, 285, 120364.	3.9	11
137	Slow nitrogen inversion-N-O rotation in 2-alkoxy-1,1,3,3-tetramethylisoindolines. Journal of the Chemical Society Chemical Communications, 1985, , 1249-1250.	2.0	10
138	A Novel Organic Peroxyester as an Exclusive Source of tert-Butyl Radicals. Chemistry Letters, 1997, 26, 1093-1094.	0.7	10
139	End-functionalised copolymers prepared by the addition-fragmentation chain transfer method Styrene/methyl methacrylate system. Polymer, 1999, 40, 389-396.	1.8	10
140	End-functionalized copolymers prepared by the addition-fragmentation chain-transfer method: Vinyl acetate/methacrylonitrile system. Journal of Polymer Science Part A, 2001, 39, 2911-2919.	2.5	10
141	Synthesis of Acyclic, Symmetrical 3,3'-Allyl Dithioethers, from the Alkylation of 3-Mercapto-2-mercaptomethylprop-1-ene in the Presence of Sodium Hydride. Australian Journal of Chemistry, 2011, 64, 1083.	0.5	10
142	Photoluminescent polymer cubosomes prepared by RAFT-mediated polymerization-induced self-assembly. Polymer Chemistry, 2022, 13, 4333-4342.	1.9	10
143	Some Recent Developments in RAFT Polymerization. ACS Symposium Series, 2012, , 243-258.	0.5	9
144	Temperature-responsive methacrylamide polyampholytes. RSC Advances, 2017, 7, 31033-31041.	1.7	7

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145	Synthesis of CO <sub>2</sub> -responsive gradient copolymers by switchable RAFT polymerization and their controlled self-assembly. <i>Polymer Chemistry</i> , 2020, 11, 6794-6802.	1.9	7
146	Nanoparticle Surface Cross-Linking: A Universal Strategy to Enhance the Mechanical Properties of Latex Films. <i>Macromolecules</i> , 2022, 55, 5301-5313.	2.2	7
147	Facile Synthesis of CO <sub>2</sub> -Responsive Nano-Objects: Batch versus Semi-Batch RAFT Copolymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000765.	2.0	6
148	Synthesis of functional miktoarm star polymers in an automated parallel synthesizer. <i>European Polymer Journal</i> , 2021, 160, 110777.	2.6	6
149	Thermoresponsive chiral plasmonic nanoparticles. <i>Nanoscale</i> , 2022, 14, 4292-4303.	2.8	6
150	A Convenient Synthesis of 4,6-Dichloro-5-benzylthiopyrimidine. <i>Synthetic Communications</i> , 1993, 23, 2363-2369.	1.1	5
151	Glycosylated Reversible Addition-Fragmentation Chain Transfer Polymers with Varying Polyethylene Glycol Linkers Produce Different Short Interfering RNA Uptake, Gene Silencing, and Toxicity Profiles. <i>Biomacromolecules</i> , 2017, 18, 4099-4112.	2.6	5
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