

# Ezio Rizzardo

## List of Publications by Citations

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180  
ext. papers

25,689  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
171	Living Free-Radical Polymerization by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process. <i>Macromolecules</i> , <b>1998</b> , 31, 5559-5562	5.5	4221
170	Living Radical Polymerization by the RAFT Process. <i>Australian Journal of Chemistry</i> , <b>2005</b> , 58, 379	1.2	1960
169	Radical addition-fragmentation chemistry in polymer synthesis. <i>Polymer</i> , <b>2008</b> , 49, 1079-1131	3.9	1188
168	Living Radical Polymerization by the RAFT Process - A Second Update. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 1402	1.2	813
167	Living Radical Polymerization by the RAFT Process - A First Update. <i>Australian Journal of Chemistry</i> , <b>2006</b> , 59, 669	1.2	802
166	Living Radical Polymerization by the RAFT Process - A Third Update. <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 985	1.2	798
165	A More Versatile Route to Block Copolymers and Other Polymers of Complex Architecture by Living Radical Polymerization: The RAFT Process. <i>Macromolecules</i> , <b>1999</b> , 32, 2071-2074	5.5	761
164	Living free radical polymerization with reversible addition-fragmentation chain transfer (the life of RAFT). <i>Polymer International</i> , <b>2000</b> , 49, 993-1001	3.3	740
163	Thiocarbonylthio Compounds [SC(Ph)SR] in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Role of the Free-Radical Leaving Group (R). <i>Macromolecules</i> , <b>2003</b> , 36, 2256-2272	5.5	713
162	Advances in RAFT polymerization: the synthesis of polymers with defined end-groups. <i>Polymer</i> , <b>2005</b> , 46, 8458-8468	3.9	661
161	Toward living radical polymerization. <i>Accounts of Chemical Research</i> , <b>2008</b> , 41, 1133-42	24.3	607
160	Thiocarbonylthio Compounds (SC(Z)SR) in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Effect of the Activating Group Z. <i>Macromolecules</i> , <b>2003</b> , 36, 2273-2283	5.5	558
159	A New Double-Responsive Block Copolymer Synthesized via RAFT Polymerization: Poly(N-isopropylacrylamide)-block-poly(acrylic acid). <i>Macromolecules</i> , <b>2004</b> , 37, 7861-7866	5.5	505
158	Living Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization) Using Dithiocarbamates as Chain Transfer Agents. <i>Macromolecules</i> , <b>1999</b> , 32, 6977-6980	5.5	480
157	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> , <b>2000</b> , 33, 243-245	5.5	417
156	RAFT Agent Design and Synthesis. <i>Macromolecules</i> , <b>2012</b> , 45, 5321-5342	5.5	416
155	A novel synthesis of functional dithioesters, dithiocarbamates, xanthates and trithiocarbonates. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 2435-2438	2	414

154	Molecular Weight Characterization of Poly(N-isopropylacrylamide) Prepared by Living Free-Radical Polymerization. <i>Macromolecules</i> , <b>2000</b> , 33, 6738-6745	5.5	314
153	Mechanism and Kinetics of RAFT-Based Living Radical Polymerizations of Styrene and Methyl Methacrylate. <i>Macromolecules</i> , <b>2001</b> , 34, 402-408	5.5	293
152	Alkoxyamine-Initiated Living Radical Polymerization: Factors Affecting Alkoxyamine Homolysis Rates. <i>Macromolecules</i> , <b>1995</b> , 28, 8722-8728	5.5	288
151	Living Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization): Approaches to Star Polymers. <i>Macromolecules</i> , <b>2003</b> , 36, 1505-1513	5.5	284
150	Universal (switchable) RAFT agents. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6914-5	16.4	256
149	Reversible Addition-Fragmentation Chain Transfer Polymerization Initiated with Ultraviolet Radiation. <i>Macromolecules</i> , <b>2002</b> , 35, 7620-7627	5.5	253
148	End-functional polymers, thiocarbonylthio group removal/transformation and reversible addition-fragmentation-chain transfer (RAFT) polymerization. <i>Polymer International</i> , <b>2011</b> , 60, 9-25	3.3	238
147	RAFT polymerization and some of its applications. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 1634-44	4.5	219
146	Searching for More Effective Agents and Conditions for the RAFT Polymerization of MMA: Influence of Dithioester Substituents, Solvent, and Temperature. <i>Macromolecules</i> , <b>2005</b> , 38, 3129-3140	5.5	199
145	Thiocarbonylthio End Group Removal from RAFT-Synthesized Polymers by Radical-Induced Reduction. <i>Macromolecules</i> , <b>2007</b> , 40, 4446-4455	5.5	198
144	Selectivity of the reaction of free radicals with styrene. <i>Macromolecules</i> , <b>1982</b> , 15, 909-914	5.5	190
143	Narrow Polydispersity Block Copolymers by Free-Radical Polymerization in the Presence of Macromonomers. <i>Macromolecules</i> , <b>1995</b> , 28, 5381-5385	5.5	176
142	Living Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT): Direct ESR Observation of Intermediate Radicals. <i>Macromolecules</i> , <b>1999</b> , 32, 5457-5459	5.5	161
141	Synthesis of Defined Polymers by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process. <i>ACS Symposium Series</i> , <b>2000</b> , 278-296	0.4	153
140	Chain Transfer to Polymer: A Convenient Route to Macromonomers. <i>Macromolecules</i> , <b>1999</b> , 32, 7700-7703	5.5	149
139	Successful Use of RAFT Techniques in Seeded Emulsion Polymerization of Styrene: Living Character, RAFT Agent Transport, and Rate of Polymerization. <i>Macromolecules</i> , <b>2002</b> , 35, 5417-5425	5.5	141
138	Ambient temperature reversible addition-fragmentation chain transfer polymerisation. <i>Chemical Communications</i> , <b>2001</b> , 1044-1045	5.8	141
137	Functional polymers for optoelectronic applications by RAFT polymerization. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 492-519	4.9	140

136	Synthesis of novel architectures by radical polymerization with reversible addition fragmentation chain transfer (RAFT polymerization). <i>Macromolecular Symposia</i> , <b>2003</b> , 192, 1-12	0.8	137
135	Tailored polymers by free radical processes. <i>Macromolecular Symposia</i> , <b>1999</b> , 143, 291-307	0.8	126
134	Chain Transfer Activity of $\pi$ Unsaturated Methyl Methacrylate Oligomers. <i>Macromolecules</i> , <b>1996</b> , 29, 7717-7726	5.5	119
133	Controlled RAFT Polymerization in a Continuous Flow Microreactor. <i>Organic Process Research and Development</i> , <b>2011</b> , 15, 593-601	3.9	114
132	Preparation of controlled-molecular-weight, olefin-terminated polymers by free radical methods. Chain transfer using allylic sulfides. <i>Macromolecules</i> , <b>1988</b> , 21, 3122-3124	5.5	114
131	Polystyrene-block-poly(vinyl acetate) through the Use of a Switchable RAFT Agent. <i>Macromolecules</i> , <b>2009</b> , 42, 9384-9386	5.5	106
130	Thermolysis of RAFT-Synthesized Poly(Methyl Methacrylate). <i>Australian Journal of Chemistry</i> , <b>2006</b> , 59, 755	1.2	104
129	The use of substituted allylic sulfides to prepare end-functional polymers of controlled molecular weight by free-radical polymerization. <i>Macromolecules</i> , <b>1991</b> , 24, 3689-3695	5.5	92
128	Switchable Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization in Aqueous Solution, N,N-Dimethylacrylamide. <i>Macromolecules</i> , <b>2011</b> , 44, 6738-6745	5.5	91
127	Thiocarbonylthio end group removal from RAFT-synthesized polymers by a radical-induced process. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 6704-6714	2.5	89
126	A new method for investigating the mechanism of initiation of radical polymerization. <i>Polymer Bulletin</i> , <b>1979</b> , 1, 529-534	2.4	84
125	RAFT synthesis of linear and star-shaped light harvesting polymers using di- and hexafunctional ruthenium polypyridine reagents. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 2696-2700		83
124	Living polymerization: Rationale for uniform terminology <b>2000</b> , 38, 1706-1708		81
123	Living free-radical polymerization of styrene under a constant source of $\gamma$ radiation. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 19-25	2.5	79
122	Imidazolidinone Nitroxide-Mediated Polymerization. <i>Macromolecules</i> , <b>1999</b> , 32, 6895-6903	5.5	77
121	REACTIVITY OF MACROMONOMERS IN FREE RADICAL POLYMERIZATION. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , <b>1990</b> , 30, 305-377		76
120	Tailored polymer architectures by reversible addition-fragmentation chain transfer. <i>Macromolecular Symposia</i> , <b>2001</b> , 174, 209-212	0.8	75
119	Chain Transfer Kinetics of Acid/Base Switchable N-Aryl-N-Pyridyl Dithiocarbamate RAFT Agents in Methyl Acrylate, N-Vinylcarbazole and Vinyl Acetate Polymerization. <i>Macromolecules</i> , <b>2012</b> , 45, 4205-4215	5.5	74

118	A new form of controlled growth free radical polymerization. <i>Macromolecular Symposia</i> , <b>1996</b> , 111, 13-23	0.8	73
117	Application of <sup>13</sup> C-labelled initiators and <sup>13</sup> C NMR to the study of the kinetics and efficiency of initiation of styrene polymerization. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1984</b> , 5, 793-798		73
116	Chain transfer activity of some activated allylic compounds. <i>Polymer Bulletin</i> , <b>1990</b> , 24, 501-505	2.4	72
115	A product study of the nitroxide inhibited thermal polymerization of styrene. <i>Polymer Bulletin</i> , <b>1982</b> , 6, 589	2.4	72
114	RAFT Polymerization: Adding to the Picture. <i>Macromolecular Symposia</i> , <b>2007</b> , 248, 104-116	0.8	71
113	Synthesis of Functionalized RAFT Agents for Light Harvesting Macromolecules. <i>Macromolecules</i> , <b>2004</b> , 37, 5479-5481	5.5	71
112	Controlled-Growth Free-Radical Polymerization of Methacrylate Esters: Reversible Chain Transfer versus Reversible Termination. <i>ACS Symposium Series</i> , <b>1998</b> , 332-360	0.4	69
111	Confirmation of the Mayo mechanism for the initiation of the thermal polymerization of styrene. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 7761-7762	16.4	69
110	Initiating free radical polymerization. <i>Macromolecular Symposia</i> , <b>2002</b> , 182, 65-80	0.8	67
109	Free-Radical Ring-Opening Polymerization of Cyclic Allylic Sulfides. <i>Macromolecules</i> , <b>1996</b> , 29, 6983-6989	5.5	63
108	Absolute rate constants for radical-monomer reactions. <i>Polymer Bulletin</i> , <b>1992</b> , 29, 647-652	2.4	61
107	Radical Loss in RAFT-Mediated Emulsion Polymerizations. <i>Macromolecules</i> , <b>2005</b> , 38, 4901-4912	5.5	58
106	RAFT Polymers: Novel Precursors for Polymer-Protein Conjugates. <i>ACS Symposium Series</i> , <b>2003</b> , 603-618	0.4	58
105	New Free-Radical Ring-Opening Acrylate Monomers. <i>Macromolecules</i> , <b>1994</b> , 27, 7935-7937	5.5	58
104	Synthesis of light harvesting polymers by RAFT methods. <i>Chemical Communications</i> , <b>2002</b> , 2276-7	5.8	57
103	Chain transfer by an addition-fragmentation mechanism. The use of benzoxystyrene for the preparation of low-molecular-weight poly(methyl methacrylate) and polystyrene. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1988</b> , 9, 547-551		57
102	Quantitative studies on free radical reactions with the scavenger 1,1,3,3-tetramethylisindolinyl-2-oxy. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 1309-1312	2	55
101	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> , <b>2002</b> , 23, 717-721	4.8	53

100	The application of a novel profluorescent nitroxide to monitor thermo-oxidative degradation of polypropylene. <i>Polymer Degradation and Stability</i> , <b>2005</b> , 89, 427-435	4.7	53
99	Kinetics and Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , <b>2003</b> , 520-535	0.4	50
98	The reaction of acyl peroxides with 2,2,6,6-tetramethylpiperidinyl-1-oxy. <i>Tetrahedron Letters</i> , <b>1981</b> , 22, 1165-1168	2	50
97	Multiarm organic compounds for use as reversible chain-transfer agents in living radical polymerizations. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 6811-6814	2	49
96	Degradation of medical-grade polyurethane elastomers: the effect of hydrogen peroxide in vitro. <i>Journal of Biomedical Materials Research Part B</i> , <b>1993</b> , 27, 345-56		49
95	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> , <b>2007</b> , 40, 9262-9271	5.5	47
94	Enhancement of MHC-I antigen presentation via architectural control of pH-responsive, endosomolytic polymer nanoparticles. <i>AAPS Journal</i> , <b>2015</b> , 17, 358-69	3.7	44
93	Chain transfer by radical addition-fragmentation mechanisms: Synthesis of macromonomers and end-functional oligomers. <i>Macromolecular Symposia</i> , <b>1995</b> , 98, 101-123	0.8	44
92	Polyurethane elastomers based on novel polyether macrodiols and MDI: Synthesis, mechanical properties, and resistance to hydrolysis and oxidation. <i>Journal of Applied Polymer Science</i> , <b>1992</b> , 46, 319-328	3.8	44
91	On the Origins of Nitroxide Mediated Polymerization (NMP) and Reversible Addition Fragmentation Chain Transfer (RAFT). <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 945	1.2	43
90	An arm-first approach to cleavable mikto-arm star polymers by RAFT polymerization. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 840-5	4.8	42
89	Rate Optimization in Controlled Radical Emulsion Polymerization Using RAFT. <i>Macromolecular Theory and Simulations</i> , <b>2006</b> , 15, 70-86	1.5	42
88	Chain Transfer Activity of Unsaturated Methacrylic Oligomers in Polymerizations of Methacrylic Monomers. <i>Macromolecules</i> , <b>2004</b> , 37, 4441-4452	5.5	40
87	Block copolymers containing organic semiconductor segments by RAFT polymerization. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 6111-9	3.9	39
86	Advances in Switchable RAFT Polymerization. <i>Macromolecular Symposia</i> , <b>2015</b> , 350, 34-42	0.8	37
85	Free-Radical Ring-Opening Polymerization of Cyclic Allylic Sulfides. 2. Effect of Substituents on Seven- and Eight-Membered Ring Low Shrink Monomers. <i>Macromolecules</i> , <b>2000</b> , 33, 6722-6731	5.5	37
84	Controlled synthesis of luminescent polymers using a bis-dithiobenzoate RAFT agent. <i>Chemical Communications</i> , <b>2008</b> , 1112-4	5.8	36
83	The use of activated benzyl vinyl ethers to control molecular weight in free radical polymerizations. <i>Die Makromolekulare Chemie</i> , <b>1990</b> , 191, 1545-1553		36

82	End groups of poly(methyl methacrylate-co-styrene) prepared with tert-butoxy, methyl, and/or phenyl radical initiation: effects of solvent, monomer composition, and conversion. <i>Macromolecules</i> , <b>1988</b> , 21, 1522-1528	5.5	35
81	New Features of the Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , <b>2009</b> , 3-18	0.4	33
80	Free radical ring-opening polymerization of cyclic allylic sulfides: Liquid monomers with low polymerization volume shrinkage. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 202-215	2.5	33
79	Thermal decomposition mechanisms of tert-alkyl peroxyvalates studied by the nitroxide radical trapping technique. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 16-23	4.2	29
78	Thermal stability of poly(methyl methacrylate). <i>Polymer Bulletin</i> , <b>1988</b> , 20, 499-503	2.4	28
77	<sup>13</sup> C- <sup>1</sup> H heteronuclear chemical shift correlation spectroscopy applied to poly(methyl [carbonyl- <sup>13</sup> C]methacrylate): an unambiguous method for assigning resonances to configurational sequences. <i>Macromolecules</i> , <b>1986</b> , 19, 2494-2497	5.5	26
76	Reactions of benzoyloxyl radicals with some common vinyl monomers. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1982</b> , 3, 533-536		26
75	Reaction of tert-Alkoxy and Alkyl Radicals with Styrene Studied by the Nitroxide Radical-Trapping Technique. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 5578-5582	4.2	25
74	Binary Copolymerization with Catalytic Chain Transfer. A Method for Synthesizing Macromonomers Based on Monosubstituted Monomers. <i>Macromolecules</i> , <b>2005</b> , 38, 9037-9054	5.5	25
73	Chain Transfer in the Sulfur-Centered Free Radical Ring-Opening Polymerization of 3-Methylene-6-methyl-1,5-dithiacyclooctane. <i>Macromolecules</i> , <b>2000</b> , 33, 9553-9560	5.5	25
72	Copolymerization Behavior of 7-Methylene-2-methyl-1,5-dithiacyclooctane: Reversible Cross-Propagation. <i>Macromolecules</i> , <b>2001</b> , 34, 3869-3876	5.5	25
71	Preparation of 1 : 1 alternating, nucleobase-containing copolymers for use in sequence-controlled polymerization. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 228-232	4.9	24
70	Substituent Effects on RAFT Polymerization with Benzyl Aryl Trithiocarbonates. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 529-538	2.6	24
69	Benzothiadiazole-Containing Pendant Polymers Prepared by RAFT and Their Electro-Optical Properties. <i>Macromolecules</i> , <b>2010</b> , 43, 7101-7110	5.5	23
68	Control of polymer structure by chain transfer processes. <i>Macromolecular Symposia</i> , <b>1996</b> , 111, 1-11	0.8	23
67	Kinetic data for coupling of primary alkyl radicals with a stable nitroxide. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1986</b> , 1003		23
66	Block Copolymer Synthesis through the Use of Switchable RAFT Agents. <i>ACS Symposium Series</i> , <b>2011</b> , 81-102	0.4	22
65	Thiohydroxamic esters. <i>Polymer Bulletin</i> , <b>1991</b> , 26, 291-295	2.4	22

64	Influence of thionoesters on the degree of polymerization of styrene, methyl acrylate, methyl methacrylate and vinyl acetate. <i>Die Makromolekulare Chemie</i> , <b>1992</b> , 193, 369-378		22
63	Investigation of methylaluminumoxane as a cocatalyst for the polymerization of 1,3-butadiene to high cis-1,4-polybutadiene. <i>Journal of Polymer Science Part A</i> , <b>1999</b> , 37, 3277-3284	2.5	21
62	Synthesis and characterization of hydroxy-terminated poly(alkylene oxides) by condensation polymerization of diols. <i>Polymer International</i> , <b>1992</b> , 27, 275-283	3.3	21
61	Identification of end groups in polymers by a spin-echo NMR technique. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1983</b> , 4, 29-32		20
60	CHAPTER 6: Fundamentals of RAFT Polymerization. <i>RSC Polymer Chemistry Series</i> , <b>2013</b> , 205-249	1.3	19
59	RAFT Copolymerization and Its Application to the Synthesis of Novel Dispersants/Intercalants/Exfoliants for Polymer/Clay Nanocomposites. <i>ACS Symposium Series</i> , <b>2006</b> , 514-532	0.4	19
58	A 20th anniversary perspective on the life of RAFT (RAFT coming of age). <i>Polymer International</i> , <b>2020</b> , 69, 658-661	3.3	19
57	Initiation mechanisms in radical polymerization: reaction of isopropoxyl radicals with methyl methacrylate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1991</b> , 1351		18
56	A Potential New RAFT - Click Reaction or a Cautionary Note on the Use of Diazomethane to Methylate RAFT-synthesized Polymers. <i>Australian Journal of Chemistry</i> , <b>2011</b> , 64, 433	1.2	17
55	In vivo evaluation of polyurethanes based on novel macrodiols and MDI. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>1994</b> , 6, 41-54	3.5	17
54	Initiation Mechanisms for Radical Polymerization of Methyl Methacrylate with tert-Butyl Peroxypivalate. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 10824-10828	16.4	17
53	Comparison of initiation mechanisms for polymerization initiated by primary, secondary and tertiary alkoxy radicals. <i>European Polymer Journal</i> , <b>1993</b> , 29, 397-400	5.2	17
52	Reaction of tert-butoxyl radicals with electron-rich $\beta$ -methylvinyl monomers. <i>Die Makromolekulare Chemie</i> , <b>1984</b> , 185, 1809-1817		17
51	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> , <b>2014</b> , 57, 995-1001	7.9	16
50	Free Radical Initiation Mechanisms in the Polymerization of Methyl Methacrylate and Styrene with 1,1,3,3-Tetramethylbutyl Peroxypivalate: Addition of Neopentyl Radicals. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 10987-10991	16.4	16
49	Preparation of Macromonomers via Chain Transfer with and without Added Chain Transfer Agent. <i>ACS Symposium Series</i> , <b>2000</b> , 297-312	0.4	16
48	Initiation mechanisms for radical polymerization of styrene and methyl methacrylate with highly substituted peroxy-pivalate initiators. <i>Polymer</i> , <b>1999</b> , 40, 1395-1401	3.9	16
47	Substituent effects on the chain-transfer behavior of 7-methylene-2-methyl-1,5-dithiacyclooctane in the presence of disulfides and thiols. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 4421-4425	2.5	15



46	RAFT for the Control of Monomer Sequence Distribution Single Unit Monomer Insertion (SUMI) into Dithiobenzoate RAFT Agents. <i>ACS Symposium Series</i> , <b>2014</b> , 133-147	0.4	14
45	Initiation Mechanisms in Radical Polymerization: Reaction of tert-Alkyl Peroxypivalates with Methyl Methacrylate. <i>Macromolecules</i> , <b>1997</b> , 30, 2843-2847	5.5	14
44	RAFT Polymerization in Bulk Monomer or in (Organic) Solution	189-234	14
43	New chain transfer agents for free radical polymerizations. <i>Polymer International</i> , <b>1991</b> , 26, 239-244	3.3	14
42	Other Initiating Systems	<b>1989</b> , 141-146	14
41	Reactions of hydroxyl radicals with polymerizable olefins. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1985</b> , 379		14
40	Pulsed Laser Copolymerization of Ring-Opening Cyclic Allylic Sulfide Monomers with Methyl Methacrylate and Styrene. <i>Macromolecules</i> , <b>2002</b> , 35, 2474-2480	5.5	13
39	Living polymerization: Rationale for uniform terminology. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 1709-1709	2.5	12
38	Head addition of radicals to methyl methacrylate. <i>Polymer Bulletin</i> , <b>1982</b> , 6, 647	2.4	12
37	Remarkable Solvent Effects of Oxygen- and Sulfur-Containing Compounds on the Propagation Rate of Methyl Methacrylate. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2005</b> , 219, 267-281	3.1	11
36	Synthesis of a rod-coil block copolymer incorporating PCBM. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 53-56	4.9	10
35	Donor-acceptor rod-coil block copolymers comprising poly[2,7-(9,9-dihexylfluorene)-alt-bithiophene] and fullerene as compatibilizers for organic photovoltaic devices. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 888-903	2.5	10
34	Advantage of Using tert-Hexyl Peroxypivalate as an Initiator for the Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , <b>1996</b> , 29, 8975-8976	5.5	10
33	Reaction of t-butoxy radicals with norbornadiene. <i>Tetrahedron Letters</i> , <b>1985</b> , 26, 5081-5084	2	10
32	Some Recent Developments in RAFT Polymerization. <i>ACS Symposium Series</i> , <b>2012</b> , 243-258	0.4	9
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25	Trithiocarbonates in RAFT Polymerization <b>2021</b> , 359-492		4
24	An Alternating Donor-Acceptor Conjugated Polymer Based on Benzodithiophene and [3,4-c]pyrrole-4,6-dione: Synthesis, Characterization, and Application in Photovoltaic Devices. <i>Australian Journal of Chemistry</i> , <b>2015</b> , 68, 1773	1.2	3
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