

Graeme Moad

List of Publications by Year in Descending Order

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

263
papers

27,742
citations

71
h-index

164
g-index

287
ext. papers

29,798
ext. citations

4.6
avg, IF

7.31
L-index

#	Paper	IF	Citations
263	Expanding the Scope of RAFT Multiblock Copolymer Synthesis Using the Nanoreactor Concept: The Critical Importance of Initiator Hydrophobicity. <i>Macromolecules</i> , 2022 , 55, 1981-1991	5.5	2
262	Fundamentals of reversible addition-fragmentation chain transfer (RAFT). <i>Chemistry Teacher International</i> , 2021 , 3, 3-17	1	1
261	High-Throughput/High-Output Experimentation in RAFT Polymer Synthesis 2021 , 1051-1076		
260	Overview of RAFT Polymerization 2021 , 1-13		
259	Dithioesters in RAFT Polymerization 2021 , 223-358		3
258	Photo RAFT Polymerization 2021 , 611-645		5
257	Complex Polymeric Architectures Synthesized through RAFT Polymerization 2021 , 933-981		1
256	Mathematical Modelling of RAFT Polymerization 2021 , 187-221		0
255	RAFT Polymerization: Mechanistic Considerations 2021 , 95-137		2
254	Xanthates in RAFT Polymerization 2021 , 493-548		3
253	Star Polymers by RAFT Polymerization 2021 , 983-1015		
252	Terminology in Reversible Deactivation Radical Polymerization (RDRP) and Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization 2021 , 15-24		1
251	RAFT -Mediated Polymerization-Induced Self-Assembly (PISA) 2021 , 707-751		1
250	Considerations for and Applications of Aqueous RAFT Polymerization 2021 , 679-705		1
249	Synthesis and Application of Reactive Polymers via RAFT Polymerization 2021 , 829-871		1
248	An Industrial History of RAFT Polymerization 2021 , 1077-1169		2
247	Cationic RAFT Polymerization 2021 , 1171-1194		1

246	RAFT -Functional End Groups: Installation and Transformation 2021 , 753-804		3
245	Quantum Chemical Studies of RAFT Polymerization 2021 , 139-185		2
244	Kinetics and Mechanism of RAFT Polymerizations 2021 , 59-93		1
243	Trithiocarbonates in RAFT Polymerization 2021 , 359-492		4
242	Surface and Particle Modification via RAFT Polymerization: An Update 2021 , 1017-1049		2
241	RAFT Crosslinking Polymerization 2021 , 873-932		1
240	Sequence-Encoded RAFT Oligomers and Polymers 2021 , 805-828		1
239	Dithiocarbamates in RAFT Polymerization 2021 , 549-610		3
238	How to Do a RAFT Polymerization 2021 , 25-58		
237	Redox-Initiated RAFT Polymerization and (Electro)chemical Activation of RAFT Agents 2021 , 647-677		2
236	Divergent Synthesis of Graft and Branched Copolymers through Spatially Controlled Photopolymerization in Flow Reactors. <i>Macromolecules</i> , 2021 , 54, 3430-3446	5.5	14
235	Multiblock Copolymer Synthesis via Reversible Addition-Fragmentation Chain Transfer Emulsion Polymerization: Effects of Chain Mobility within Particles on Control over Molecular Weight Distribution. <i>Macromolecules</i> , 2021 , 54, 3647-3658	5.5	5
234	Enhanced properties of well-defined polymer networks prepared by a sequential thiol-Michael-radical thiol-ene (STMRT) strategy. <i>European Polymer Journal</i> , 2021 , 151, 110440	5.2	1
233	All-PVC Flexible Poly(vinyl Chloride): Nonmigratory Star-Poly(vinyl Chloride) as Plasticizers for PVC by RAFT Polymerization. <i>Macromolecules</i> , 2021 , 54, 5022-5032	5.5	2
232	The Critical Importance of Adopting Whole-of-Life Strategies for Polymers and Plastics. <i>Sustainability</i> , 2021 , 13, 8218	3.6	1
231	Selektive Bindungsspaltung in RAFT Agenzien durch niederenergetische Elektronenanlagerung. <i>Angewandte Chemie</i> , 2021 , 133, 19276-19281	3.6	
230	Polymerization-induced self-assembly via RAFT in emulsion: effect of Z-group on the nucleation step. <i>Polymer Chemistry</i> , 2021 , 12, 122-133	4.9	12
229	Initiation of RAFT Polymerization: Electrochemically Initiated RAFT Polymerization in Emulsion (Emulsion eRAFT), and Direct PhotoRAFT Polymerization of Liquid Crystalline Monomers. <i>Australian Journal of Chemistry</i> , 2021 , 74, 56	1.2	6

228	Selective Bond Cleavage in RAFT Agents Promoted by Low-Energy Electron Attachment. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19128-19132	16.4	5
227	Synthesis of Multicompositional Onion-like Nanoparticles via RAFT Emulsion Polymerization. <i>Angewandte Chemie</i> , 2021 , 133, 23469	3.6	0
226	Synthesis of Multicompositional Onion-like Nanoparticles via RAFT Emulsion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23281-23288	16.4	6
225	RAFT Emulsion Polymerization for (Multi)block Copolymer Synthesis: Overcoming the Constraints of Monomer Order. <i>Macromolecules</i> , 2021 , 54, 736-746	5.5	15
224	Versatile Approach for Preparing PVC-Based Mikto-Arm Star Additives Based on RAFT Polymerization. <i>Macromolecules</i> , 2020 , 53, 4465-4479	5.5	7
223	High-Throughput Process for the Discovery of Antimicrobial Polymers and Their Upscaled Production via Flow Polymerization. <i>Macromolecules</i> , 2020 , 53, 631-639	5.5	32
222	Definitions and notations relating to tactic polymers (IUPAC Recommendations 2020). <i>Pure and Applied Chemistry</i> , 2020 , 92, 1769-1779	2.1	1
221	Selective and Rapid Light-Induced RAFT Single Unit Monomer Insertion in Aqueous Solution. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900478	4.8	12
220	A 20th anniversary perspective on the life of RAFT (RAFT coming of age). <i>Polymer International</i> , 2020 , 69, 658-661	3.3	19
219	A Comprehensive Platform for the Design and Synthesis of Polymer Molecular Weight Distributions. <i>Macromolecules</i> , 2020 , 53, 8867-8882	5.5	28
218	Reversible-deactivation radical polymerization (Controlled/living radical polymerization): From discovery to materials design and applications. <i>Progress in Polymer Science</i> , 2020 , 111, 101311	29.6	223
217	Anthraquinone-Mediated Reduction of a Trithiocarbonate Chain-Transfer Agent to Initiate Electrochemical Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Macromolecules</i> , 2020 , 53, 10315-10322	5.5	8
216	Low-Dispersity Polymers in Ab Initio Emulsion Polymerization: Improved MacroRAFT Agent Performance in Heterogeneous Media. <i>Macromolecules</i> , 2020 , 53, 7672-7683	5.5	17
215	Electrochemical Behavior of Thiocarbonylthio Chain Transfer Agents for RAFT Polymerization. <i>ACS Macro Letters</i> , 2019 , 8, 1316-1322	6.6	22
214	Exploitation of Compartmentalization in RAFT Miniemulsion Polymerization to Increase the Degree of Livingness. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 1938-1946	2.5	23
213	Kinetics and mechanism for thermal and photochemical decomposition of 4,4'-azobis(4-cyanopentanoic acid) in aqueous media. <i>Polymer Chemistry</i> , 2019 , 10, 3284-3287	4.9	9
212	Nano-Engineered Multiblock Copolymer Nanoparticles via Reversible Addition-Fragmentation Chain Transfer Emulsion Polymerization. <i>Macromolecules</i> , 2019 , 52, 2965-2974	5.5	38
211	Nonmigratory Poly(vinyl chloride)-block-polycaprolactone Plasticizers and Compatibilizers Prepared by Sequential RAFT and Ring-Opening Polymerization (RAFT-T-ROP). <i>Macromolecules</i> , 2019 , 52, 1746-1756	5.5	21

210	A Critical Assessment of the Kinetics and Mechanism of Initiation of Radical Polymerization with Commercially Available Dialkyldiazene Initiators. <i>Progress in Polymer Science</i> , 2019 , 88, 130-188	29.6	44
209	Ab initio RAFT emulsion polymerization mediated by small cationic RAFT agents to form polymers with low molar mass dispersity. <i>Polymer Chemistry</i> , 2019 , 10, 5044-5051	4.9	10
208	Exploitation of the Nanoreactor Concept for Efficient Synthesis of Multiblock Copolymers via MacroRAFT-Mediated Emulsion Polymerization. <i>ACS Macro Letters</i> , 2019 , 8, 989-995	6.6	45
207	Kinetic modelling of the reversible addition-fragmentation chain transfer polymerisation of N-isopropylacrylamide. <i>European Polymer Journal</i> , 2019 , 120, 109193	5.2	1
206	Polymerization-Induced Phase Segregation and Self-Assembly of Siloxane Additives to Provide Thermoset Coatings with a Defined Surface Topology and Biocidal and Self-Cleaning Properties. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
205	A Critical Survey of Dithiocarbamate Reversible Addition-Fragmentation Chain Transfer (RAFT) Agents in Radical Polymerization. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 216-227	2.5	41
204	Effect of Scandium Triflate on the RAFT Copolymerization of Methyl Acrylate and Vinyl Acetate Controlled by an Acid/Base Switchable Chain Transfer Agent. <i>Macromolecules</i> , 2018 , 51, 410-418	5.5	18
203	Effect of the Z- and Macro-R-Group on the Thermal Desulfurization of Polymers Synthesized with Acid/Base "Switchable" Dithiocarbamate RAFT Agents. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800228	4.8	16
202	Elements of RAFT Navigation. <i>ACS Symposium Series</i> , 2018 , 77-103	0.4	18
201	Light-Induced RAFT Single Unit Monomer Insertion in Aqueous Solution-Toward Sequence-Controlled Polymers. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800240	4.8	31
200	Discrete and Stereospecific Oligomers Prepared by Sequential and Alternating Single Unit Monomer Insertion. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13392-13406	16.4	78
199	Reversible addition-fragmentation chain transfer (co)polymerization of conjugated diene monomers: butadiene, isoprene and chloroprene. <i>Polymer International</i> , 2017 , 66, 26-41	3.3	50
198	Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8376-8383	16.4	127
197	Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. <i>Angewandte Chemie</i> , 2017 , 129, 8496-8503	3.6	27
196	4-Halogeno-3,5-dimethyl-1H-pyrazole-1-carbodithioates: versatile reversible addition-fragmentation chain transfer agents with broad applicability. <i>Polymer International</i> , 2017 , 66, 1438-1447	3.3	26
195	Frontispiece: Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56,	16.4	1
194	RAFT-mediated, visible light-initiated single unit monomer insertion and its application in the synthesis of sequence-defined polymers. <i>Polymer Chemistry</i> , 2017 , 8, 4637-4643	4.9	56
193	RAFT polymerization to form stimuli-responsive polymers. <i>Polymer Chemistry</i> , 2017 , 8, 177-219	4.9	218

192	Combination anti-HIV therapy via tandem release of prodrugs from macromolecular carriers. <i>Polymer Chemistry</i> , 2016 , 7, 7477-7487	4.9	13
191	Triple Activity of Lamivudine Releasing Sulfonated Polymers against HIV-1. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2397-410	5.6	17
190	Dithiocarbamate RAFT agents with broad applicability [The 3,5-dimethyl-1H-pyrazole-1-carbodithioates. <i>Polymer Chemistry</i> , 2016 , 7, 481-492	4.9	41
189	Aqueous hydrogen peroxide-induced degradation of polyolefins: A greener process for controlled-rheology polypropylene. <i>Polymer Degradation and Stability</i> , 2015 , 117, 97-108	4.7	15
188	RAFT Polymerization [Then and Now. <i>ACS Symposium Series</i> , 2015 , 211-246	0.4	35
187	Triphenylphosphine-grafted, RAFT-synthesised, porous monoliths as catalysts for Michael addition in flow synthesis. <i>Reactive and Functional Polymers</i> , 2015 , 96, 89-96	4.6	18
186	The effect of Z-group modification on the RAFT polymerization of N-vinylpyrrolidone controlled by [Switchable[N-pyridyl-functional dithiocarbamates. <i>Polymer Chemistry</i> , 2015 , 6, 7119-7126	4.9	28
185	RAFT (Reversible addition[fragmentation chain transfer) crosslinking (co)polymerization of multi-olefinic monomers to form polymer networks. <i>Polymer International</i> , 2015 , 64, 15-24	3.3	71
184	Advances in Switchable RAFT Polymerization. <i>Macromolecular Symposia</i> , 2015 , 350, 34-42	0.8	37
183	Preparation of 1 : 1 alternating, nucleobase-containing copolymers for use in sequence-controlled polymerization. <i>Polymer Chemistry</i> , 2015 , 6, 228-232	4.9	24
182	Enhancement of MHC-I antigen presentation via architectural control of pH-responsive, endosomolytic polymer nanoparticles. <i>AAPS Journal</i> , 2015 , 17, 358-69	3.7	44
181	Chapter 1:The History of Nitroxide-mediated Polymerization. <i>RSC Polymer Chemistry Series</i> , 2015 , 1-44	1.3	12
180	RAFT for the Control of Monomer Sequence Distribution [Single Unit Monomer Insertion (SUMI) into Dithiobenzoate RAFT Agents. <i>ACS Symposium Series</i> , 2014 , 133-147	0.4	14
179	An arm-first approach to cleavable mikto-arm star polymers by RAFT polymerization. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 840-5	4.8	42
178	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	4.9	64
177	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	7.9	16
176	Modeling the Kinetics of Monolith Formation by RAFT Copolymerization of Styrene and Divinylbenzene. <i>Macromolecular Reaction Engineering</i> , 2014 , 8, 706-722	1.5	19
175	Mechanism and Kinetics of Dithiobenzoate-Mediated RAFT Polymerization [Status of the Dilemma. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 9-26	2.6	108

174	Rapid and systematic access to quasi-diblock copolymer libraries covering a comprehensive composition range by sequential RAFT polymerization in an Automated synthesizer. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 492-7	4.8	42
173	Porous, functional, poly(styrene-co-divinylbenzene) monoliths by RAFT polymerization. <i>Polymer Chemistry</i> , 2014 , 5, 722-732	4.9	44
172	A brief guide to polymer nomenclature from IUPAC. <i>Colloid and Polymer Science</i> , 2013 , 291, 457-458	2.4	2
171	A Brief Guide to Polymer Nomenclature. <i>Polymer</i> , 2013 , 54, 3-4	3.9	5
170	A Brief Guide to Polymer Nomenclature. <i>Polymer Testing</i> , 2013 , 32, iv-v	4.5	1
169	A brief guide to polymer nomenclature. <i>Reactive and Functional Polymers</i> , 2013 , 73, iv-v	4.6	1
168	A Brief Guide to Polymer Nomenclature. <i>Progress in Polymer Science</i> , 2013 , 38, iii-iv	29.6	1
167	RAFT polymerization and some of its applications. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1634-44	4.5	219
166	The reactivity of N-vinylcarbazole in RAFT polymerization: trithiocarbonates deliver optimal control for the synthesis of homopolymers and block copolymers. <i>Polymer Chemistry</i> , 2013 , 4, 3591	4.9	34
165	CHAPTER 6: Fundamentals of RAFT Polymerization. <i>RSC Polymer Chemistry Series</i> , 2013 , 205-249	1.3	19
164	Glossary of terms relating to thermal and thermomechanical properties of polymers (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013 , 85, 1017-1046	2.1	4
163	Controlled Synthesis of Multifunctional Polymers by RAFT for Personal Care Applications. <i>ACS Symposium Series</i> , 2013 , 157-172	0.4	4
162	Terminology for aggregation and self-assembly in polymer science (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2012 , 85, 463-492	2.1	17
161	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> , 2012 , 45, 4205-4215	5.5	74
160	RAFT Agent Design and Synthesis. <i>Macromolecules</i> , 2012 , 45, 5321-5342	5.5	416
159	The scope for synthesis of macro-RAFT agents by sequential insertion of single monomer units. <i>Polymer Chemistry</i> , 2012 , 3, 1879	4.9	106
158	Some Recent Developments in RAFT Polymerization. <i>ACS Symposium Series</i> , 2012 , 243-258	0.4	9
157	A brief guide to polymer nomenclature (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2012 , 84, 2167-2169	2.1	30

156	Living Radical Polymerization by the RAFT Process – A Third Update. <i>Australian Journal of Chemistry</i> , 2012 , 65, 985	1.2	798
155	Block copolymers containing organic semiconductor segments by RAFT polymerization. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6111-9	3.9	39
154	Functional polymers for optoelectronic applications by RAFT polymerization. <i>Polymer Chemistry</i> , 2011 , 2, 492-519	4.9	140
153	Controlled RAFT Polymerization in a Continuous Flow Microreactor. <i>Organic Process Research and Development</i> , 2011 , 15, 593-601	3.9	114
152	Switchable Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization in Aqueous Solution, N,N-Dimethylacrylamide. <i>Macromolecules</i> , 2011 , 44, 6738-6745	5.5	91
151	Block Copolymer Synthesis through the Use of Switchable RAFT Agents. <i>ACS Symposium Series</i> , 2011 , 81-102	0.4	22
150	End-functional polymers, thiocarbonylthio group removal/transformation and reversible addition-fragmentation-chain transfer (RAFT) polymerization. <i>Polymer International</i> , 2011 , 60, 9-25	3.3	238
149	Chemical modification of starch by reactive extrusion. <i>Progress in Polymer Science</i> , 2011 , 36, 218-237	29.6	167
148	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> , 2011 , 64, 433	1.2	17
147	Substituent Effects on RAFT Polymerization with Benzyl Aryl Trithiocarbonates. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 529-538	2.6	24
146	Reversible Addition-Fragmentation Chain Transfer Polymerization 2009 ,		1
145	Terminology for reversible-deactivation radical polymerization previously called "controlled" radical or "living" radical polymerization (IUPAC Recommendations 2010). <i>Pure and Applied Chemistry</i> , 2009 , 82, 483-491	2.1	426
144	RAFT Polymerization: Materials of The Future, Science of Today: Radical Polymerization - The Next Stage. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1379	1.2	31
143	Thiocarbonylthio end group removal from RAFT-synthesized polymers by a radical-induced process. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 6704-6714	2.5	89
142	Living Radical Polymerization by the RAFT Process - A Second Update. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1402	1.2	813
141	New Features of the Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , 2009 , 3-18	0.4	33
140	Universal (switchable) RAFT agents. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6914-5	16.4	256
139	Polystyrene-block-poly(vinyl acetate) through the Use of a Switchable RAFT Agent. <i>Macromolecules</i> , 2009 , 42, 9384-9386	5.5	106

138	Glossary of terms related to kinetics, thermodynamics, and mechanisms of polymerization (IUPAC Recommendations 2008). <i>Pure and Applied Chemistry</i> , 2008 , 80, 2163-2193	2.1	52
137	Radical addition-fragmentation chemistry in polymer synthesis. <i>Polymer</i> , 2008 , 49, 1079-1131	3.9	1188
136	Toward living radical polymerization. <i>Accounts of Chemical Research</i> , 2008 , 41, 1133-42	24.3	607
135	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	5.5	47
134	Definitions of terms relating to the structure and processing of sols, gels, networks, and inorganic-organic hybrid materials (IUPAC Recommendations 2007). <i>Pure and Applied Chemistry</i> , 2007 , 79, 1801-1829	2.1	383
133	A small-angle X-ray scattering study of the effect of chain architecture on the shear-induced crystallization of branched and linear poly(ethylene terephthalate). <i>Journal of Applied Crystallography</i> , 2007 , 40, s599-s604	3.8	5
132	Thiocarbonylthio End Group Removal from RAFT-Synthesized Polymers by Radical-Induced Reduction. <i>Macromolecules</i> , 2007 , 40, 4446-4455	5.5	198
131	RAFT Polymerization: Adding to the Picture. <i>Macromolecular Symposia</i> , 2007 , 248, 104-116	0.8	71
130	A simple method for determining protic end-groups of synthetic polymers by ¹ H NMR spectroscopy. <i>Polymer</i> , 2006 , 47, 1899-1911	3.9	39
129	Rheological properties of high melt strength poly(ethylene terephthalate) formed by reactive extrusion. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 3646-3652	2.9	41
128	Non-Ionic, Poly(ethylene oxide)-Based Surfactants as Intercalants/Dispersants/Exfoliants for Poly(propylene)-Clay Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 37-52	3.9	14
127	Thermolysis of RAFT-Synthesized Poly(Methyl Methacrylate). <i>Australian Journal of Chemistry</i> , 2006 , 59, 755	1.2	104
126	Novel Copolymers as Dispersants/Intercalants/Exfoliants for Polypropylene-Clay Nanocomposites. <i>Macromolecular Symposia</i> , 2006 , 233, 170-179	0.8	29
125	Synthesis of Well-Defined Polystyrene with Primary Amine End Groups through the Use of Phthalimido-Functional RAFT Agents. <i>Macromolecules</i> , 2006 , 39, 5293-5306	5.5	144
124	RAFT Polymerization with Phthalimidomethyl Trithiocarbonates or Xanthates. On the Origin of Bimodal Molecular Weight Distributions in Living Radical Polymerization. <i>Macromolecules</i> , 2006 , 39, 5307-5318 ¹⁷⁸	5.5	178
123	Living Radical Polymerization by the RAFT Process—A First Update. <i>Australian Journal of Chemistry</i> , 2006 , 59, 669	1.2	802
122	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5809-5831	2.5	399
121	Crystallisation kinetics of novel branched poly(ethylene terephthalate): a small-angle X-ray scattering study. <i>Polymer International</i> , 2006 , 55, 1435-1443	3.3	5

120	Approaches to phthalimido and amino end-functional polystyrene by atom transfer radical polymerisation (ATRP). <i>Reactive and Functional Polymers</i> , 2006 , 66, 137-147	4.6	34
119	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	0.4	19
118	The Emergence of RAFT Polymerization. <i>Australian Journal of Chemistry</i> , 2006 , 59, 661	1.2	57
117	Binary Copolymerization with Catalytic Chain Transfer. A Method for Synthesizing Macromonomers Based on Monosubstituted Monomers. <i>Macromolecules</i> , 2005 , 38, 9037-9054	5.5	25
116	Propagation 2005 , 167-232		1
115	Thermolysis of RAFT-Synthesized Polymers. A Convenient Method for Trithiocarbonate Group Elimination. <i>Macromolecules</i> , 2005 , 38, 5371-5374	5.5	130
114	Living Radical Polymerization by the RAFT Process. <i>Australian Journal of Chemistry</i> , 2005 , 58, 379	1.2	1960
113	Advances in RAFT polymerization: the synthesis of polymers with defined end-groups. <i>Polymer</i> , 2005 , 46, 8458-8468	3.9	661
112	A novel method for determination of polyester end-groups by NMR spectroscopy. <i>Polymer</i> , 2005 , 46, 5005-5011	3.9	28
111	Controlling Polymerization 2005 , 413-449		1
110	Chain Transfer 2005 , 279-331		6
109	Initiation 2005 , 49-166		6
108	Radical Reactions 2005 , 11-48		2
107	Living Radical Polymerization 2005 , 451-585		36
106	Copolymerization 2005 , 333-412		2
105	Chain Transfer Activity of β Unsaturated Methacrylic Oligomers in Polymerizations of Methacrylic Monomers. <i>Macromolecules</i> , 2004 , 37, 4441-4452	5.5	40
104	Definitions of terms relating to reactions of polymers and to functional polymeric materials (IUPAC Recommendations 2003). <i>Pure and Applied Chemistry</i> , 2004 , 76, 889-906	2.1	119
103	Controlled synthesis of block polyesters by reactive extrusion. <i>Macromolecular Symposia</i> , 2003 , 202, 37-468		8

102	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> , 2003 , 36, 2256-2272	5.5	713
101	Kinetics and Mechanism of RAFT Polymerization. <i>ACS Symposium Series</i> , 2003 , 520-535	0.4	50
100	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> , 2003 , 36, 2273-2283	5.5	558
99	Chain Length Dependence of Radical Radical Termination in Free Radical Polymerization: A Pulsed Laser Photolysis Investigation. <i>Macromolecules</i> , 2003 , 36, 2032-2040	5.5	18
98	Living Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization): Approaches to Star Polymers. <i>Macromolecules</i> , 2003 , 36, 1505-1513	5.5	284
97	Synthesis of novel architectures by radical polymerization with reversible addition fragmentation chain transfer (RAFT polymerization). <i>Macromolecular Symposia</i> , 2003 , 192, 1-12	0.8	137
96	Multiarm organic compounds for use as reversible chain-transfer agents in living radical polymerizations. <i>Tetrahedron Letters</i> , 2002 , 43, 6811-6814	2	49
95	Initiating free radical polymerization. <i>Macromolecular Symposia</i> , 2002 , 182, 65-80	0.8	67
94	Tailored polymer architectures by reversible addition-fragmentation chain transfer. <i>Macromolecular Symposia</i> , 2001 , 174, 209-212	0.8	75
93	Characterization of polyolefin melts using the polymer reference interaction site model integral equation theory with a single-site united atom model. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 1803-1814	2.6	7
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