Robin Arthur Hutchinson

List of Publications by Year
in descending order

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178	7,638	57758	62596
papers	citations	44 h-index	80 g-index

191	191	191	2406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The contributions of <scp>Prof. Kenneth F. O'Driscoll</scp> to radical copolymerization kinetics. Canadian Journal of Chemical Engineering, 2022, 100, 680-688.	1.7	2
2	Update and critical reanalysis of IUPAC benchmark propagation rate coefficient data. Polymer Chemistry, 2022, 13, 1891-1900.	3.9	22
3	Radical copolymerization kinetics of N-tert-butyl acrylamide and methyl acrylate in polar media. Polymer Chemistry, 2022, 13, 2036-2047.	3.9	4
4	Chain-length dependence of the propagation rate coefficient for methyl acrylate polymerization at 25 Â°C investigated by the PLP-SEC method. Polymer Chemistry, 2022, 13, 3053-3062.	3.9	3
5	Measurement and Modeling of Methyl Acrylate Radical Polymerization in Polar and Nonpolar Solvents. Industrial & Engineering Chemistry Research, 2022, 61, 6398-6413.	3.7	7
6	The influences of monomer structure and solvent on the radical copolymerization of tertiary amine and PEGylated methacrylates. Polymer Chemistry, 2021, 12, 5289-5302.	3.9	3
7	A machine-readable online database for rate coefficients in radical polymerization. Polymer Chemistry, 2021, 12, 3688-3692.	3.9	7
8	Stochastic Modeling of Poly(acrylate) Distributions Obtained by Radical Polymerization under Highâ€Temperature Semiâ€Batch Starvedâ€Feed Conditions: Investigation of Model Predictions versus Experimental Data. Macromolecular Theory and Simulations, 2021, 30, 2000093.	1.4	10
9	PLP-SEC Investigation of the Influence of Electrostatic Interactions on the Radical Propagation Rate Coefficients of Cationic Monomers TMAEMC and MAPTAC. Macromolecules, 2021, 54, 3204-3222.	4.8	3
10	Effect of Ionization on Aqueous Phase Radical Copolymerization of Acrylic Acid and Cationic Monomers. Industrial & Engineering Chemistry Research, 2021, 60, 10511-10521.	3.7	4
11	Toward an Efficient Process for the Cu(0)â€Mediated Synthesis and Chain Extension of Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 2100120.	2.2	1
12	Kinetic importance of the missing step in dithiobenzoate-mediated RAFT polymerizations of acrylates. Chemical Engineering Journal, 2021, 415, 128970.	12.7	5
13	An automated recipe generator for semi-batch solution radical copolymerization via comprehensive stochastic modeling and derivative-free algorithms. Chemical Engineering Journal, 2021, 417, 127920.	12.7	10
14	An Efficient Monte Carlo Representation of Semiâ€Batch Starvedâ€Feed Acrylateâ€Methacrylate Multicomponent Radical Polymerization. Macromolecular Reaction Engineering, 2021, 15, 2100030.	1.5	0
15	Quantitative analyses to estimate the bioaccessibility of a hydrolytically degradable cationic flocculant. Heliyon, 2021, 7, e08500.	3.2	3
16	Experimental and Modeling Investigation of Radical Homopolymerization of 2â€(Methacryloyloxyethyl) Trimethylammonium Chloride in Aqueous Solution. Macromolecular Reaction Engineering, 2020, 14, 1900033.	1.5	11
17	A comparison of the solution radical propagation kinetics of partially water-miscible non-functional acrylates to acrylic acid. Polymer Chemistry, 2020, 11, 7104-7114.	3.9	12
18	Experimental and Modeling Investigations of Aqueous-Phase Radical Copolymerization of 2-(Methacryloyloxyethyl)trimethylammonium Chloride with Acrylic Acid. Industrial & Engineering Chemistry Research, 2020, 59, 3359-3374.	3.7	8

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19	Evaluation of a Novel Polymeric Flocculant for Enhanced Water Recovery of Mature Fine Tailings. Processes, 2020, 8, 735.	2.8	8
20	Exploiting Additionâ€“Fragmentation Reactions to Produce Low Dispersity Poly(isobornyl acrylate) and Blocky Copolymers by Semibatch Radical Polymerization. Macromolecular Rapid Communications, 2020, 41, e2000288.	3.9	3
21	Kinetics and Modeling of Aqueous Phase Radical Homopolymerization of 3-(Methacryloylaminopropyl)trimethylammonium Chloride and its Copolymerization with Acrylic Acid. Processes, 2020, 8, 1352.	2.8	6
22	Deterministic Approach to Estimate Functionality of Chains Produced by Radical Copolymerization in the Presence of Secondary Reactions. Macromolecules, 2020, 53, 5674-5686.	4.8	12
23	Characterization of degradation products from a hydrolytically degradable cationic flocculant. Polymer Degradation and Stability, 2020, 174, 109097.	5.8	3
24	Maximizing macromonomer content produced by starved-feed high temperature acrylate/methacrylate semi-batch polymerization. Polymer Chemistry, 2020, 11, 2137-2146.	3.9	12
25	Design of 2â€hydroxyethyl methacrylateâ€functional macromonomer dispersants by semiâ€batch cobalt chain transfer polymerization. AICHE Journal, 2019, 65, e16723.	3.6	21
26	Extractable content of functional acrylic resins produced by radical copolymerization: A comparison of experiment and stochastic simulation. Chemical Engineering Journal, 2019, 378, 122087.	12.7	15
27	An efficient process for the Cu(0)-mediated synthesis and subsequent chain extension of poly(methyl) Tj ETQq1 1 0.784314 rgBT /Ov	3.7	3
28	Solvent Effects on Radical Copolymerization Kinetics of 2-Hydroxyethyl Methacrylate and Butyl Methacrylate. Polymers, 2019, 11, 487.	4.5	19
29	Critically evaluated propagation rate coefficients for radical polymerizations: acrylates and vinyl acetate in bulk (IUPAC Technical Report). Pure and Applied Chemistry, 2019, 91, 1883-1888.	1.9	4
30	Detection of PLP Structure for Accurate Determination of Propagation Rate Coefficients over an Enhanced Range of PLP-SEC Conditions. Macromolecules, 2019, 52, 55-71.	4.8	14
31	Modeling the Synthesis of Butyl Methacrylate Macromonomer by Sequential ATRPâ€CCTP. Macromolecular Reaction Engineering, 2019, 13, 1800062.	1.5	4
32	Monomer Structure and Solvent Effects on Copolymer Composition in (Meth)acrylate Radical Copolymerization. Industrial & Engineering Chemistry Research, 2018, 57, 5215-5227.	3.7	21
33	Modeling of Semibatch Solution Radical Copolymerization of Butyl Methacrylate and 2â€Hydroxyethyl Acrylate. Macromolecular Reaction Engineering, 2018, 12, 1800008.	1.5	20
34	Design of Acrylic Dispersants for Nonaqueous Dispersion Polymerization: The Importance of Thermodynamics. Macromolecular Reaction Engineering, 2018, 12, 1800025.	1.5	4
35	Modeling the Distribution of Functional Groups in Semibatch Radical Copolymerization: An Accelerated Stochastic Approach. Industrial & Engineering Chemistry Research, 2018, 57, 9407-9419.	3.7	28
36	Structure Modifications of Hydrolytically-Degradable Polymer Flocculant for Improved Water Recovery from Mature Fine Tailings. Industrial & Engineering Chemistry Research, 2018, 57, 10809-10822.	3.7	17

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37	Synthesis and Utilization of Low Dispersity Acrylic Macromonomer as Dispersant for Nonaqueous Dispersion Polymerization. Macromolecules, 2018, 51, 6267-6275.	4.8	13
38	Polyester Macromonomer Syntheses and Radical Copolymerization Kinetics with Styrene. Macromolecules, 2017, 50, 784-795.	4.8	12
39	The influence of adding functionality to dispersant and particle core compositions in non-aqueous dispersion polymerization. Reactive and Functional Polymers, 2017, 114, 31-37.	4.1	8
40	Hydrogen bonding in radical solution copolymerization kinetics of acrylates and methacrylates: a comparison of hydroxy- and methoxy-functionality. Polymer Chemistry, 2017, 8, 1943-1952.	3.9	25
41	Polylactic acid macromonomer radical propagation kinetics and degradation behaviour. Reaction Chemistry and Engineering, 2017, 2, 487-497.	3.7	12
42	Propagation Kinetics of Isopreneâ€“Glycidyl Methacrylate Copolymerizations Investigated via PLPâ€“SEC. Macromolecular Rapid Communications, 2017, 38, 1700105.	3.9	9
43	Dewatering Oil Sands Tailings with Degradable Polymer Flocculants. ACS Applied Materials & Interfaces, 2017, 9, 36290-36300.	8.0	36
44	Superabsorbent hydrogels made from bio-sourced butyrolactone monomer in aqueous solution. Polymer Chemistry, 2017, 8, 6039-6049.	3.9	17
45	Pulsed laser studies of cationic reactive surfactant radical propagation kinetics. Polymer, 2017, 130, 39-49.	3.8	9
46	Critically Evaluated Rate Coefficients in Radical Polymerization â€“ 8. Propagation Rate Coefficients for Vinyl Acetate in Bulk. Macromolecular Chemistry and Physics, 2017, 218, 1600357.	2.2	24
47	The Effect of Hydrogen Bonding on Radical Semi-Batch Copolymerization of Butyl Acrylate and 2-Hydroxyethyl Acrylate. Polymers, 2017, 9, 368.	4.5	10
48	Radical Copolymerization Kinetics of Bio-Renewable Butyrolactone Monomer in Aqueous Solution. Processes, 2017, 5, 55.	2.8	2
49	Mathematical modeling of the full molecular weight distribution in ATRP techniques. AICHE Journal, 2016, 62, 2762-2777.	3.6	23
50	Modeling Acrylic Acid Radical Polymerization in Aqueous Solution. Macromolecular Reaction Engineering, 2016, 10, 95-107.	1.5	48
51	The Combined Influence of Monomer Concentration and Ionization on Acrylamide/Acrylic Acid Composition in Aqueous Solution Radical Batch Copolymerization. Macromolecules, 2016, 49, 4746-4756.	4.8	21
52	Cationic Hydrolytically Degradable Flocculants with Enhanced Water Recovery for Oil Sands Tailings Remediation. Macromolecular Materials and Engineering, 2016, 301, 1248-1254.	3.6	23
53	A 3D Simulation Investigation of the Influence of Temperature Increases on the Accuracy of Propagation Rate Coefficients Determined by Pulsed-Laser Polymerization. Macromolecules, 2016, 49, 9320-9335.	4.8	13
54	PLP-SEC Studies into the Propagation Rate Coefficient of Acrylamide Radical Polymerization in Aqueous Solution. Macromolecules, 2016, 49, 3244-3253.	4.8	50

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55	Measuring and modelling the peculiarities of aqueousâ€phase radical polymerization. Canadian Journal of Chemical Engineering, 2016, 94, 2045-2051.	1.7	5
56	The influence of hydrogen bonding on radical chain-growth parameters for butyl methacrylate/2-hydroxyethyl acrylate solution copolymerization. Polymer Chemistry, 2016, 7, 4567-4574.	3.9	30
57	Vinyl pivalate Propagation Kinetics in Radical Polymerization. Macromolecular Chemistry and Physics, 2016, 217, 51-58.	2.2	8
58	Investigating the Effectiveness of Reactive Dispersants in Nonâ€Aqueous Dispersion Polymerization. Macromolecular Reaction Engineering, 2016, 10, 71-81.	1.5	11
59	NMP of styrene in batch and CSTR at elevated temperatures: Modeling experimental trends. European Polymer Journal, 2016, 80, 186-199.	5.4	11
60	Modeling the Radical Batch Homopolymerization of Acrylamide in Aqueous Solution. Macromolecular Reaction Engineering, 2016, 10, 490-501.	1.5	22
61	Nitroxide-Mediated Polymerization at Elevated Temperatures. ACS Macro Letters, 2015, 4, 280-283.	4.8	12
62	Aqueous copper(0) mediated reversible deactivation radical polymerization of 2-hydroxyethyl acrylate. Polymer Chemistry, 2015, 6, 6509-6518.	3.9	11
63	Pulsed-laser and quantum mechanics study of n-butyl cyanoacrylate and methyl methacrylate free-radical copolymerization. Polymer Chemistry, 2015, 6, 1594-1603.	3.9	15
64	Radical Propagation Kinetics of Nâ€Vinylpyrrolidone in Organic Solvents Studied by Pulsedâ€Laser Polymerizationâ€“Sizeâ€Exclusion Chromatography (PLPâ€“SEC). Macromolecular Chemistry and Physics, 2014, 215, 2327-2336.	2.2	30
65	Effect of Head-To-Head Addition on Vinyl Acetate Propagation Kinetics in Radical Polymerization. Macromolecules, 2014, 47, 8145-8153.	4.8	21
66	Controlled synthesis of poly[(butyl methacrylate)â€coâ€(butyl acrylate)] via activator regenerated by electron transfer atom transfer radical polymerization: insights and improvement. Polymer International, 2014, 63, 848-857.	3.1	27
67	Copolymerization of nâ€Butyl Acrylate and Styrene: Terminal vs Penultimate Model. Macromolecular Chemistry and Physics, 2014, 215, 1668-1678.	2.2	18
68	Critically evaluated rate coefficients in radical polymerization â€“ 7. Secondary-radical propagation rate coefficients for methyl acrylate in the bulk. Polymer Chemistry, 2014, 5, 204-212.	3.9	118
69	Copolymer Composition Deviations from Mayoâ€“Lewis Conventional Free Radical Behavior in Nitroxide Mediated Copolymerization. Macromolecular Theory and Simulations, 2014, 23, 245-265.	1.4	20
70	Modeling of Functional Group Distribution in Copolymerization: A Comparison of Deterministic and Stochastic Approaches. Macromolecular Theory and Simulations, 2014, 23, 207-217.	1.4	58
71	Solvent Effects on Kinetics of 2-Hydroxyethyl Methacrylate Semibatch Radical Copolymerization. Industrial & Engineering Chemistry Research, 2014, 53, 7296-7304.	3.7	24
72	Determination of Mark-Houwink Parameters and Absolute Molecular Weight of Medium-Chain-Length Poly(3-Hydroxyalkanoates). Journal of Polymers and the Environment, 2013, 21, 24-29.	5.0	7

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73	Continuous ARGET ATRP of Methyl Methacrylate and Butyl Acrylate in a Stirred Tank Reactor. Industrial & Engineering Chemistry Research, 2013, 52, 11931-11942.	3.7	18
74	Smallâ€Particle Highâ€Solidâ€Content Bimodal Latexes: Highly Crosslinked Small Particles as Pseudoâ€Inert Nanofillers. Macromolecular Reaction Engineering, 2013, 7, 36-53.	1.5	2
75	Solvent Effects in Semibatch Free Radical Copolymerization of 2â€Hydroxyethyl methacrylate and Styrene at High Temperatures. Macromolecular Symposia, 2013, 325-326, 203-212.	0.7	10
76	Copperâ€mediated controlled radical polymerization in continuous flow processes: Synergy between polymer reaction engineering and innovative chemistry. Journal of Polymer Science Part A, 2013, 51, 3081-3096.	2.3	74
77	ARGET ATRP of Butyl Methacrylate: Utilizing Kinetic Modeling To Understand Experimental Trends. Macromolecules, 2013, 46, 3828-3840.	4.8	90
78	Understanding the Controlled Polymerization of Methyl Methacrylate with Low Concentrations of 9-(4-Vinylbenzyl)-9H-carbazole Comonomer by Nitroxide-Mediated Polymerization: The Pivotal Role of Reactivity Ratios. Macromolecules, 2013, 46, 805-813.	4.8	30
79	Freeâ€Radical Polymerization of Nâ€Vinylimidazole and Quaternized Vinylimidazole in Aqueous Solution. Macromolecular Chemistry and Physics, 2013, 214, 1140-1146.	2.2	20
80	A Methyl Methacrylateâ€“<scp>HEMA</scp>â€<scp>CL</scp>_n Copolymerization Investigation: From Kinetics to Bioapplications. Macromolecular Bioscience, 2013, 13, 1347-1357.	4.1	10
81	Kinetics and Modeling of Methacrylic Acid Radical Polymerization in Aqueous Solution. Macromolecular Reaction Engineering, 2013, 7, 267-276.	1.5	21
82	Determination of the Mode of Radical Termination from Pulsed Laser Polymerization Experiments in the Presence of Retardation and Chain Transfer to Agent. Macromolecular Chemistry and Physics, 2013, 214, 2670-2682.	2.2	4
83	An Inâ€Situ <scp>NMR</scp> Study of Radical Copolymerization Kinetics of Acrylamide and Nonâ€<scp>I</scp>onized Acrylic Acid in Aqueous Solution. Macromolecular Symposia, 2013, 333, 122-137.	0.7	42
84	Determination of the Critical Chain Length of Oligomers in Dispersion Polymerization. ACS Macro Letters, 2012, 1, 171-174.	4.8	17
85	Copper mediated controlled radical polymerization of methyl acrylate in the presence of ascorbic acid in a continuous tubular reactor. Polymer Chemistry, 2012, 3, 1322.	3.9	40
86	Continuous controlled radical polymerization of methyl acrylate with copper wire in a CSTR. Polymer Chemistry, 2012, 3, 486-497.	3.9	30
87	The effect of cosurfactants and the initiator concentration on the polymer to surfactant concentration in nanolatexes. Journal of Polymer Science Part A, 2012, 50, 944-956.	2.3	7
88	Aqueousâ€Phase Copolymerization of Nâ€Vinylpyrrolidone and Nâ€Vinylformamide. Macromolecular Chemistry and Physics, 2012, 213, 1330-1338.	2.2	9
89	A Combined Computational and Experimental Study on the Freeâ€Radical Copolymerization of Styrene and Hydroxyethyl Acrylate. Macromolecular Chemistry and Physics, 2012, 213, 1706-1716.	2.2	32
90	ARGET ATRP of BMA and BA: Exploring Limitations at Low Copper Levels. ACS Symposium Series, 2012, , 183-202.	0.5	7

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91	Polymerization Kinetics of Waterâ€Soluble Nâ€Vinyl Monomers in Aqueous and Organic Solution. Macromolecular Symposia, 2011, 302, 216-223.	0.7	15
92	Reduced Branching in Poly(butyl acrylate) via Solution Radical Polymerization in n-Butanol. Macromolecules, 2011, 44, 5843-5845.	4.8	28
93	Free Radical Copolymerization Kinetics of Î³-Methyl-Î±-methylene-Î³-butyrolactone (MeMBL). Biomacromolecules, 2011, 12, 2319-2326.	5.4	36
94	Îµ-Caprolactone-Based Macromonomers Suitable for Biodegradable Nanoparticles Synthesis through Free Radical Polymerization. Macromolecules, 2011, 44, 9205-9212.	4.8	90
95	A Study of Particle Nucleation in Dispersion Copolymerization of Methyl Methacrylate. Macromolecular Reaction Engineering, 2011, 5, 404-417.	1.5	13
96	A Novel Approach for Investigation of Chain Transfer Events by Pulsed Laser Polymerization. Macromolecular Chemistry and Physics, 2011, 212, 699-707.	2.2	8
97	Termination Kinetics of 1â€Vinylpyrrolidinâ€2â€one Radical Polymerization in Aqueous Solution. Macromolecular Chemistry and Physics, 2011, 212, 1400-1409.	2.2	23
98	Continuous Controlled Radical Polymerization of Methyl Acrylate in a Copper Tubular Reactor. Macromolecular Rapid Communications, 2011, 32, 604-609.	3.9	59
99	The Effect of Hydrogen Bonding on Intramolecular Chain Transfer in Polymerization of Acrylates. Macromolecular Rapid Communications, 2011, 32, 1090-1095.	3.9	31
100	A comprehensive kinetic model for highâ€temperature free radical production of styrene/methacrylate/acrylate resins. AICHE Journal, 2011, 57, 227-238.	3.6	54
101	Reducing ATRP Catalyst Concentration in Batch, Semibatch and Continuous Reactors. Macromolecular Reaction Engineering, 2010, 4, 369-380.	1.5	34
102	Kinetics and Modeling of Batch and Semibatch Aqueousâ€Phase NVP Freeâ€Radical Polymerization. Macromolecular Reaction Engineering, 2010, 4, 499-509.	1.5	39
103	Effect of Intramolecular Transfer to Polymer on Stationary Freeâ€Radical Polymerization of Alkyl Acrylates, 5 â€“ Consideration of Solution Polymerization up to High Temperatures. Macromolecular Reaction Engineering, 2010, 4, 691-706.	1.5	68
104	Freeâ€Radical Acrylic Polymerization Kinetics at Elevated Temperatures. Chemical Engineering and Technology, 2010, 33, 1745-1753.	1.5	34
105	Freeâ€Radical Propagation Kinetics of Nâ€Vinyl Formamide in Aqueous Solution Studied by PLPâ€“SEC. Macromolecular Chemistry and Physics, 2010, 211, 580-593.	2.2	44
106	An Investigation of Free Radical Copolymerization Kinetics of the Bioâ€renewable Monomer Î³â€Methylâ€Î±â€methyleneâ€Î³â€butyrolactone with Methyl methacrylate and Styrene. Macromolecular Chemistry and Physics, 2010, 211, 501-509.	2.2	37
107	Development of on-line optimization-based control strategies for a starved-feed semibatch copolymerization reactor. Control Engineering Practice, 2010, 18, 131-139.	5.5	6
108	The production of high polymer to surfactant microlatexes. Journal of Polymer Science Part A, 2010, 48, 48-54.	2.3	16

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109	High Temperature Semibatch Free Radical Copolymerization of Styrene and Butyl Acrylate. Macromolecular Symposia, 2010, 289, 33-42.	0.7	22
110	Investigation of Free-Radical Copolymerization Propagation Kinetics of Vinyl Acetate and Methyl Methacrylate. Journal of Physical Chemistry B, 2010, 114, 4213-4222.	2.6	49
111	Solvent Effects on Free-Radical Copolymerization Propagation Kinetics of Styrene and Methacrylates. Macromolecules, 2010, 43, 6311-6320.	4.8	45
112	Effect of Intramolecular Transfer to Polymer on Stationary Free Radical Polymerization of Alkyl Acrylates, 4 â€•Consideration of Penultimate Effect. Macromolecular Rapid Communications, 2009, 30, 1981-1988.	3.9	12
113	Consideration of Macromonomer Reactions in nâ€Butyl Acrylate Free Radical Polymerization. Macromolecular Rapid Communications, 2009, 30, 2022-2027.	3.9	62
114	The Effect of Intramolecular Transfer to Polymer on Stationary Freeâ€Radical Polymerization of Alkyl Acrylates, 3 â€“ Consideration of Solution Polymerization up to High Conversions. Macromolecular Theory and Simulations, 2009, 18, 247-258.	1.4	45
115	Continuous Atom Transfer Radical Polymerization with Low Catalyst Concentration in a Tubular Reactor. Macromolecular Reaction Engineering, 2009, 3, 222-231.	1.5	43
116	Macromol. React. Eng. 5â€“6/2009. Macromolecular Reaction Engineering, 2009, 3, .	1.5	0
117	Study of Butyl Methacrylate Depropagation Behavior Using Batch Experiments in Combination with Modeling. Industrial & Engineering Chemistry Research, 2009, 48, 4810-4816.	3.7	32
118	An Investigation of Free-Radical Copolymerization Propagation Kinetics of Styrene and 2-Hydroxyethyl Methacrylate. Macromolecules, 2009, 42, 7736-7744.	4.8	53
119	Evidence of Scission Products from Peroxide-Initiated Higher Temperature Polymerization of Alkyl Methacrylates. Macromolecules, 2009, 42, 4910-4913.	4.8	7
120	ARGET ATRP of Methacrylates and Acrylates with Stoichiometric Ratios of Ligand to Copper. Macromolecular Chemistry and Physics, 2008, 209, 1797-1805.	2.2	74
121	Continuous Atom Transfer Radical Polymerization in a Tubular Reactor. Macromolecular Reaction Engineering, 2008, 2, 31-36.	1.5	36
122	Recent Advances in the Study of Highâ€Temperature Free Radical Acrylic Solution Copolymerization. Macromolecular Reaction Engineering, 2008, 2, 199-214.	1.5	40
123	â€œLivingâ€•Radical Polymerization in Tubular Reactors, 2 â€“ Process Optimization for Tailorâ€Made Molecular Weight Distributions. Macromolecular Reaction Engineering, 2008, 2, 414-421.	1.5	15
124	Investigation of Catalytic Chain Transfer Copolymerization of Methacrylates. Macromolecular Reaction Engineering, 2008, 2, 422-435.	1.5	11
125	Termination Kinetics of the Free-Radical Polymerization of Nonionized Methacrylic Acid in Aqueous Solution. Macromolecules, 2008, 41, 3513-3520.	4.8	50
126	Propagation Rate Coefficient for Radical Polymerization ofN-Vinyl Pyrrolidone in Aqueous Solution Obtained by PLPâ^'SEC. Macromolecules, 2008, 41, 5174-5185.	4.8	99

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127	PLP/SEC/NMR Study of Free Radical Copolymerization of Styrene and Glycidyl Methacrylate. Macromolecules, 2008, 41, 9011-9018.	4.8	50
128	Kinetics and Modeling of Free-Radical Batch Polymerization of Nonionized Methacrylic Acid in Aqueous Solution. Industrial & Engineering Chemistry Research, 2008, 47, 8197-8204.	3.7	40
129	High Temperature Semibatch Free Radical Copolymerization of Dodecyl Methacrylate and Styrene. Macromolecular Symposia, 2008, 261, 64-73.	0.7	11
130	Determination of Intramolecular Chain Transfer and Midchain Radical Propagation Rate Coefficients for Butyl Acrylate by Pulsed Laser Polymerization. Macromolecules, 2007, 40, 8631-8641.	4.8	177
131	Semibatch Atom Transfer Radical Copolymerization of Styrene and Butyl Acrylate. Macromolecular Symposia, 2007, 259, 151-163.	0.7	23
132	Penultimate Propagation Kinetics of Butyl Methacrylate, Butyl Acrylate, and Styrene Terpolymerization. Macromolecular Rapid Communications, 2007, 28, 1213-1218.	3.9	22
133	Determination of the Mode of Free Radical Termination from Pulsed Laser Polymerization Experiments. Macromolecular Theory and Simulations, 2007, 16, 29-42.	1.4	11
134	Modeling of Nitroxide-Mediated Semibatch Radical Polymerization. Macromolecular Reaction Engineering, 2007, 1, 243-252.	1.5	34
135	Atom-Transfer Radical Batch and Semibatch Polymerization of Styrene. Macromolecular Reaction Engineering, 2007, 1, 425-439.	1.5	59
136	High-Temperature Free Radical Copolymerization of Styrene and Butyl Methacrylate with Depropagation and Penultimate Kinetic Effects. Macromolecules, 2006, 39, 4366-4373.	4.8	57
137	Estimation of Free Radical Polymerization Rate Coefficients Using Computational Chemistry. Macromolecular Symposia, 2006, 243, 179-189.	0.7	17
138	High Temperature Semibatch Free Radical Copolymerization of Butyl Methacrylate and Styrene. Macromolecular Symposia, 2006, 243, 24-34.	0.7	15
139	Low Conversion 4-Acetoxystyrene Free-Radical Polymerization Kinetics Determined by Pulsed-Laser and Thermal Polymerization. Macromolecular Chemistry and Physics, 2006, 207, 1429-1438.	2.2	8
140	Effect of Intramolecular Transfer to Polymer on Stationary Free Radical Polymerization of Alkyl Acrylates, 2. Macromolecular Theory and Simulations, 2006, 15, 128-136.	1.4	51
141	A Semi-Batch Process for Nitroxide Mediated Radical Polymerization. Macromolecular Materials and Engineering, 2005, 290, 230-241.	3.6	16
142	High Temperature Free Radical Copolymerization with Depropagation and Penultimate Kinetic Effects. Macromolecular Theory and Simulations, 2005, 14, 554-559.	1.4	17
143	High-Temperature Semibatch Free Radical Copolymerization of Butyl Methacrylate and Butyl Acrylate. Industrial & Engineering Chemistry Research, 2005, 44, 2506-2517.	3.7	75
144	The Effect of Intramolecular Transfer to Polymer on Stationary Free Radical Polymerization of Alkyl Acrylates. Macromolecules, 2005, 38, 1581-1590.	4.8	112

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145	Characterization of n -butyl acrylate centered triads in poly(n -butyl acrylate- co -carbon monoxide-) Tj ETQq1 1 0.784314 rgBT /Overlo 2004, 378, 1414-1427.	3.7	19
146	Critically Evaluated Rate Coefficients for Free-Radical Polymerization, 5,. Macromolecular Chemistry and Physics, 2004, 205, 2151-2160.	2.2	360
147	Polymerization reaction engineering: past, present and future. Macromolecular Symposia, 2004, 206, 1-14.	0.7	19
148	Secondary Reactions in the High-Temperature Free Radical Polymerization of Butyl Acrylate. Macromolecules, 2004, 37, 5944-5951.	4.8	130
149	Simulation of free radical high-pressure copolymerization in a multi-zone autoclave reactor: compartment model investigation. Macromolecular Symposia, 2004, 206, 443-456.	0.7	11
150	Investigating the impact of operating parameters on molecular weight distributions using functional regression. Macromolecular Symposia, 2004, 206, 495-508.	0.7	6
151	Nitroxide-Mediated Semibatch Polymerization for the Production of Low-Molecular Weight Solvent-Borne Coating Resins. ACS Symposium Series, 2003, , 466-480.	0.5	2
152	Critically Evaluated Rate Coefficients for Free-Radical Polymerization, 4. Macromolecular Chemistry and Physics, 2003, 204, 1338-1350.	2.2	130
153	Simulation of Free Radical Highâ€Pressure Copolymerization in a Multizone Autoclave: Model Development and Application. Polymer-Plastics Technology and Engineering, 2003, 11, 989-1015.	0.7	22
154	Studies of higher temperature polymerization ofn-butyl methacrylate andn-butyl acrylate. Macromolecular Symposia, 2002, 182, 149-168.	0.7	109
155	Modeling of Chain Length and Long-Chain Branching Distributions in Free-Radical Polymerization. Macromolecular Theory and Simulations, 2001, 10, 144-157.	1.4	63
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