Bert Klumperman

List of Publications by Year
in descending order

155 papers	8,149 citations	50276 46 h-index	51608 86 g-index
168 all docs	168 docs citations	168 times ranked	6540 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	Investigation of the 3D Printability of Covalently Cross-Linked Polypeptide-Based Hydrogels. ACS Omega, 2022, 7, 7556-7571.	3.5	3
3	Macrophage-Targeted Hydroxychloroquine Nanotherapeutics for Rheumatoid Arthritis Therapy. ACS Applied Materials & Interfaces, 2022, 14, 8824-8837.	8.0	28
4	Chemical Identity of Poly(N-vinylpyrrolidone) End Groups Impact Shape Evolution During the Synthesis of Ag Nanostructures. Journal of the American Chemical Society, 2021, 143, 184-195.	13.7	21
5	Differences in SMA-like polymer architecture dictate the conformational changes exhibited by the membrane protein rhodopsin encapsulated in lipid nano-particles. Nanoscale, 2021, 13, 13519-13528.	5.6	10
6	Evaluation of Composition Effects on the Physicochemical and Biological Properties of Polypeptide-Based Hydrogels for Potential Application in Wound Healing. Polymers, 2021, 13, 1828.	4.5	5
7	The efficient recovery of Au(III) ions from acidic solutions by a novel scavenger based on functionalized poly(styrene-co-maleimide) nanoparticles. Chemical Engineering Journal, 2021, 414, 128761.	12.7	14
8	Systemic administration of polymersomal oncolytic peptide LTX-315 combining with CpG adjuvant and anti-PD-1 antibody boosts immunotherapy of melanoma. Journal of Controlled Release, 2021, 336, 262-273.	9.9	23
9	Influence of DIBMA Polymer Length on Lipid Nanodisc Formation and Membrane Protein Extraction. Biomacromolecules, 2021, 22, 763-772.	5.4	20
10	Linear Dichroism Activity of Chiral Poly(p-Aryltriazole) Foldamers. ACS Omega, 2021, 6, 33231-33237.	3.5	2
11	Facile Route to Targeted, Biodegradable Polymeric Prodrugs for the Delivery of Combination Therapy for Malaria. ACS Biomaterials Science and Engineering, 2020, 6, 6217-6227.	5.2	8
12	Iterative RAFT-Mediated Copolymerization of Styrene and Maleic Anhydride toward Sequence- and Length-Controlled Copolymers and Their Applications for Solubilizing Lipid Membranes. Biomacromolecules, 2020, 21, 3287-3300.	5.4	27
13	Poly(N-vinylpyrrolidone) Antimalaria Conjugates of Membrane-Disruptive Peptides. Biomacromolecules, 2020, 21, 5053-5066.	5.4	5
14	The solution copolymerization of styrene and maleic anhydride in a continuous stirred tank reactor and its theoretical modelling. Polymer, 2020, 202, 122730.	3.8	3
15	Synthesis, Structure, and Crystallization Behavior of Amphiphilic Heteroarm Molecular Brushes with Crystallizable Poly(ethylene oxide) and n-Alkyl Side Chains. Macromolecules, 2020, 53, 1585-1595.	4.8	18
16	Polymeric siRNA gene delivery â€“ transfection efficiency versus cytotoxicity. Journal of Controlled Release, 2019, 316, 263-291.	9.9	58
17	Degradation of Proteins and Starch by Combined Immobilization of Protease, Î±-Amylase and Î²-Galactosidase on a Single Electrospun Nanofibrous Membrane. Molecules, 2019, 24, 508.	3.8	11
18	Advancing membrane biology with poly(styrene-co-maleic acid)-based native nanodiscs. European Polymer Journal, 2019, 110, 63-68.	5.4	16

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19	Thermoresponsive behavior of poly(3-methylene-2-pyrrolidone) derivatives. European Polymer Journal, 2019, 112, 714-721.	5.4	4
20	Novel coreâ€sheath antimicrobial nanofibrous mats. Journal of Applied Polymer Science, 2018, 135, 46303.	2.6	2
21	Synthesis and characterization of liquid molecular brush binder for coating applications. European Polymer Journal, 2018, 102, 178-186.	5.4	1
22	Influence of Poly(styrene-co-maleic acid) Copolymer Structure on the Properties and Self-Assembly of SMALP Nanodiscs. Biomacromolecules, 2018, 19, 761-772.	5.4	57
23	Synthesis and Cell Interaction of Statistical l-Arginineâ€“Glycineâ€“l-Aspartic Acid Terpolypeptides. Biomacromolecules, 2018, 19, 3058-3066.	5.4	2
24	Improving the Kinetic Hydrate Inhibition Performance of 3-Methylene-2-pyrrolidone Polymers by N-Alkylation, Ring Expansion, and Copolymerization. Energy & Fuels, 2018, 32, 12337-12344.	5.1	23
25	First Study of Poly(3-methylene-2-pyrrolidone) as a Kinetic Hydrate Inhibitor. Energy & Fuels, 2017, 31, 13572-13577.	5.1	13
26	Simulation studies of the discrete semi-batch RAFTâ€“mediated polymerization of styrene using a RAFT agent with relatively poor leaving group. European Polymer Journal, 2017, 95, 596-605.	5.4	4
27	Synthesis, Characterization, and Evaluation of Cytotoxicity of Poly(3-methylene-2-pyrrolidone). Biomacromolecules, 2016, 17, 1795-1800.	5.4	11
28	Synthesis of Î±,Ï‰-heterotelechelic PVP for bioconjugation, via a one-pot orthogonal end-group modification procedure. Polymer Chemistry, 2016, 7, 6450-6456.	3.9	17
29	Discussion on â€œAperiodic Copolymersâ€• ACS Macro Letters, 2016, 5, 1-3.	4.8	21
30	Smart block copolymers of PVP and an alkylated PVP derivative: synthesis, characterization, thermoresponsive behaviour and self-assembly. Polymer Chemistry, 2016, 7, 1138-1146.	3.9	13
31	Advances in biofouling mitigation: A review. Critical Reviews in Environmental Science and Technology, 2016, 46, 535-555.	12.8	76
32	Improved control through a semi-batch process in RAFT-mediated polymerization utilizing relatively poor leaving groups. Polymer Chemistry, 2015, 6, 7945-7948.	3.9	14
33	Determination of the shell growth direction during the formation of silica microcapsules by confocal fluorescence microscopy. Journal of Materials Chemistry B, 2015, 3, 7745-7751.	5.8	6
34	The past, present and future of hydrogels. European Polymer Journal, 2015, 72, 341-343.	5.4	34
35	Compartmentalization of bacteria in microcapsules. Chemical Communications, 2014, 50, 15427-15430.	4.1	23
36	Atom transfer radical polymerization as a powerful tool in the synthesis of molecular brushes. Polymer International, 2014, 63, 824-834.	3.1	31

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37	The Rationale Behind Sequence-Controlled Maleimide Copolymers. ACS Symposium Series, 2014, , 213-221.	0.5	4
38	Formation of hybrid poly(styrene-co-maleic anhydride)â€“silica microcapsules. Journal of Materials Chemistry B, 2014, 2, 4826-4835.	5.8	11
39	Deformation of the Water/Oil Interface during the Adsorption of Sterically Stabilized Particles. Langmuir, 2014, 30, 7327-7333.	3.5	7
40	Self-healing polymers. Polymer Chemistry, 2013, 4, 4832.	3.9	17
41	pH-dependent adhesion of mycobacteria to surface-modified polymer nanofibers. Journal of Materials Chemistry B, 2013, 1, 6608.	5.8	4
42	Modified electrospun polymer nanofibers as affinity membranes: The effect of pre-spinning modification versus post-spinning modification. European Polymer Journal, 2013, 49, 3814-3824.	5.4	11
43	Permanently antimicrobial waterborne coatings based on the dual role of modified poly(styrene-co-maleic anhydride). European Polymer Journal, 2013, 49, 1080-1088.	5.4	21
44	Furanone-containing poly(vinyl alcohol) nanofibers for cell-adhesion inhibition. Water Research, 2013, 47, 1049-1059.	11.3	16
45	Poly(methyl methacrylate)â€“silica microcapsules synthesized by templating Pickering emulsion droplets. Journal of Materials Chemistry B, 2013, 1, 2394.	5.8	26
46	Self-healing systems based on disulfideâ€“thiol exchange reactions. Polymer Chemistry, 2013, 4, 4955.	3.9	383
47	Reversible Additionâ€“Fragmentation Chain Transfer Synthesis of a Micelle-Forming, Structure Reversible Thermosensitive Diblock Copolymer Based on the N-(2-Hydroxy propyl) Methacrylamide Backbone. ACS Macro Letters, 2013, 2, 403-408.	4.8	39
48	Templated Hierarchical Selfâ€Assembly of Poly(pâ€aryltriazole) Foldamers. Angewandte Chemie - International Edition, 2013, 52, 11040-11044.	13.8	32
49	Synthesis, Characterization, and Self-Assembly of Poly(N-vinylpyrrolidone)-block-poly(vinyl acetate). Australian Journal of Chemistry, 2012, 65, 1124.	0.9	18
50	Immobilized Furanone Derivatives as Inhibitors for Adhesion of Bacteria on Modified Poly(styrene-co-maleic anhydride). Biomacromolecules, 2012, 13, 3138-3150.	5.4	10
51	Poly(N-vinylpyrrolidone)-block-poly(vinyl acetate) as a Drug Delivery Vehicle for Hydrophobic Drugs. Biomacromolecules, 2012, 13, 4109-4117.	5.4	71
52	Poly(N-vinylpyrrolidone-b-(Î³-benzyl-l-glutamate)) â€“ synthesis and self-assembly into pH-sensitive micelles. Polymer Chemistry, 2012, 3, 2551.	3.9	10
53	Structure of colloidosomes with tunable particle density: Simulation versus experiment. Physical Review E, 2012, 85, 061404.	2.1	19
54	Electrospun Poly(vinyl alcohol) Nanofibres with Biocidal Additives for Application in Filter Media, 1â€“Properties Affecting Fibre Morphology and Characterisation. Macromolecular Materials and Engineering, 2012, 297, 609-617.	3.6	15

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55	Electrospun Poly(vinyl alcohol) Nanofibres with Biocidal Additives for Application in Filter Media, 2â€“Antimicrobial Activity, Regeneration, Leaching and Water Stability. Macromolecular Materials and Engineering, 2012, 297, 618-626.	3.6	6
56	Terminal Monomer Units in Dormant and Active Copolymer Chains. ACS Symposium Series, 2012, , 47-58.	0.5	1
57	Synthesis and evaluation of combâ€type copolymers prepared via atom transfer radical polymerization as possible cold flow improvers in GTL diesel fuels. Journal of Applied Polymer Science, 2012, 124, 2766-2776.	2.6	8
58	Self-Healing Materials Based on Disulfide Links. Macromolecules, 2011, 44, 2536-2541.	4.8	789
59	In SituNMR and Modeling Studies of Nitroxide Mediated Copolymerization of Styrene andn-Butyl Acrylate. Macromolecules, 2011, 44, 6683-6690.	4.8	30
60	In Situ1H NMR Studies of High-Temperature Nitroxide-Mediated Polymerization ofn-Butyl Acrylate. Macromolecules, 2011, 44, 7100-7108.	4.8	14
61	Application of Gemini Surfactants as Diesel Fuel Wax Dispersants. Energy & Fuels, 2011, 25, 162-171.	5.1	47
62	Synthesis and Self-assembly of Amphiphilic Hetero-arm Molecular Brushes. Australian Journal of Chemistry, 2011, 64, 1100.	0.9	9
63	Reconstruction of the 3D structure of colloidosomes from a single SEM image. Soft Matter, 2011, 7, 2033.	2.7	5
64	Facile immobilization of enzymes on electrospun poly(styrene-alt-maleic anhydride) nanofibres. Polymer Chemistry, 2011, 2, 1479.	3.9	15
65	Reversible Nitroxide Trapping of the Mid-Chain Radical in n-Butyl Acrylate Polymerization. Macromolecules, 2011, 44, 5554-5557.	4.8	15
66	Controlling electrical percolation in multicomponent carbon nanotube dispersions. Nature Nanotechnology, 2011, 6, 364-369.	31.5	181
67	Pickering Emulsions: Wetting and Colloidal Stability of Hairy Particlesâ€”A Self-Consistent Field Theory. Langmuir, 2011, 27, 6574-6583.	3.5	21
68	Antimicrobial fibers: therapeutic possibilities and recent advances. Future Medicinal Chemistry, 2011, 3, 1821-1847.	2.3	48
69	Novel Glycopolymer Brushes via ATRP: 1. Synthesis and Characterization. Macromolecular Chemistry and Physics, 2011, 212, 2191-2208.	2.2	8
70	Novel Glycopolymer Brushes via ATRP: 2. Thermal and Mechanical Properties. Macromolecular Chemistry and Physics, 2011, 212, 2209-2216.	2.2	4
71	The combination of living radical polymerization and click chemistry for the synthesis of advanced macromolecular architectures. European Polymer Journal, 2011, 47, 1207-1231.	5.4	76
72	Release of Bacteriocins from Nanofibers Prepared with Combinations of Poly(D,L-lactide) (PDLLA) and Poly(Ethylene Oxide) (PEO). International Journal of Molecular Sciences, 2011, 12, 2158-2173.	4.1	79

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73	Synthesis of novel glycopolymer brushes via a combination of RAFT-mediated polymerisation and ATRP. South African Journal of Science, 2011, 107, .	0.7	8
74	Use of a Profluorophore for Visualization of the Rupture of Capsules in Selfâ€Healing Coatings. Macromolecular Rapid Communications, 2010, 31, 625-628.	3.9	23
75	RAFTâ€Mediated Polymerizationâ€"A Story of Incompatible Data?. Macromolecular Rapid Communications, 2010, 31, 1846-1862.	3.9	55
76	Synthesis of liquidâ€filled nanocapsules via the miniemulsion technique. Journal of Polymer Science Part A, 2010, 48, 5215-5230.	2.3	21
77	Mechanistic considerations on styreneâ€"maleic anhydride copolymerization reactions. Polymer Chemistry, 2010, 1, 558.	3.9	104
78	Probing the Cooperative Nature of the Conductive Components in Polystyrene/Poly(3,4-ethylenedioxythiophene):Poly(styrene sulfonate)â^'Single-Walled Carbon Nanotube Composites. ACS Nano, 2010, 4, 2242-2248.	14.6	40
79	Steric Stabilization of Pickering Emulsions for the Efficient Synthesis of Polymeric Microcapsules. Langmuir, 2010, 26, 14929-14936.	3.5	27
80	Chain Transfer to Polymer and Branching in Controlled Radical Polymerizations of nâ€Butyl Acrylate. Macromolecular Rapid Communications, 2009, 30, 2002-2021.	3.9	136
81	The incorporation of single-walled carbon nanotubes into polymerized high internal phase emulsions to create conductive foams with a low percolation threshold. Composites Science and Technology, 2009, 69, 656-662.	7.8	77
82	Reversible Addition Fragmentation Chain Transfer (RAFT) Mediated Polymerization of N-Vinylpyrrolidone: RAFT agent design. ACS Symposium Series, 2009, , 167-179.	0.5	5
83	Conductive Pickering-poly(high internal phase emulsion) composite foams prepared with low loadings of single-walled carbon nanotubes. Chemical Communications, 2009, , 2738.	4.1	53
84	Triazole-Based Leaving Group for RAFT-Mediated Polymerization Synthesized via the Cu-Mediated Huisgen 1,3-Dipolar Cycloaddition Reaction. Macromolecules, 2009, 42, 3014-3018.	4.8	30
85	Lowering the percolation threshold of single-walled carbon nanotubes using polystyrene/poly(3,4-ethylenedioxythiophene): poly(styrene sulfonate) blends. Soft Matter, 2009, 5, 878.	2.7	72
86	Initialization behavior at various target molecular weight RAFTâ€mediated methyl acrylate polymerizations. Journal of Polymer Science Part A, 2008, 46, 2500-2509.	2.3	30
87	Unexpected reactions associated with the xanthateâ€mediated polymerization of Nâ€vinylpyrrolidone. Journal of Polymer Science Part A, 2008, 46, 6575-6593.	2.3	87
88	Polymerâ€"protein conjugates from Ï‰-aldehyde endfunctional poly(N-vinylpyrrolidone) synthesised via xanthate-mediated living radical polymerisation. Chemical Communications, 2008, , 3193.	4.1	89
89	NMR Spectroscopy in the Optimization and Evaluation of RAFT Agents. Macromolecular Symposia, 2007, 248, 141-149.	0.7	11
90	Xanthate-Mediated Copolymerization of Vinyl Monomers for Amphiphilic and Double-Hydrophilic Block Copolymers with Poly(ethylene glycol). Macromolecules, 2007, 40, 8861-8871.	4.8	105

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91	SAN-b-P4VP Block Copolymer Synthesis by Chain Extension from RAFT-Functional Poly(4-vinylpyridine) in Solution and in Emulsion. Macromolecules, 2007, 40, 7132-7139.	4.8	66
92	Intermediate Radical Termination in Reversible Addition-Fragmentation Chain Transfer-Mediated Polymerization:Â Identification of Termination Products. Macromolecules, 2007, 40, 3914-3920.	4.8	39
93	RAFT mediated polymerisation in heterogeneous media. Soft Matter, 2006, 2, 45-53.	2.7	127
94	In-Situ NMR Spectroscopy for Probing the Efficiency of RAFT/MADIX Agents. Macromolecules, 2006, 39, 7796-7797.	4.8	89
95	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. Journal of Polymer Science Part A, 2006, 44, 5809-5831.	2.3	429
96	Triblock copolymer synthesis via controlled radical polymerization in solution usingS-tert-alkyl-N,N-alkoxycarbonylalkyldithiocarbamate RAFT agents. Journal of Polymer Science Part A, 2006, 44, 6419-6434.	2.3	17
97	Surfactant-free artificial latexes from modified styreneâ€“maleic anhydride (SMA) copolymers. Polymer, 2006, 47, 7621-7627.	3.8	29
98	Adhesion on the Nano- and Macroscale: Interaction between Copper and SAN/SMAh Copolymers. ChemPhysChem, 2006, 7, 1912-1916.	2.1	5
99	Styrene/Maleic Anhydride Macro-RAFT-Mediated Encapsulation. Macromolecular Chemistry and Physics, 2006, 207, 861-863.	2.2	13
100	A Mechanistic Interpretation of Initialization Processes in RAFT-Mediated Polymerization. Macromolecular Rapid Communications, 2006, 27, 1233-1240.	3.9	50
101	Investigation into the Initialization Behaviour of RAFT-Mediated Styreneâ€“Maleic Anhydride Copolymerizations. Australian Journal of Chemistry, 2006, 59, 742.	0.9	38
102	Atom Transfer Radical Copolymerization of?-Olefins with Methyl Acrylate: Determination of Activation Rate Parameters. Macromolecular Chemistry and Physics, 2005, 206, 547-552.	2.2	29
103	Synthesis of styrene based liquid-filled polymeric nanocapsules by the use of RAFT-mediated polymerization in miniemulsion. Polymer, 2005, 46, 3607-3615.	3.8	65
104	Synthesis and characterization of telechelic polymethacrylates via RAFT polymerization. Journal of Polymer Science Part A, 2005, 43, 959-973.	2.3	181
105	Chain-end modification of living anionic polybutadiene with diphenylethylenes and styrenes. Journal of Polymer Science Part A, 2005, 43, 2536-2545.	2.3	7
106	A1H NMR Investigation of Reversible Additionâ^'Fragmentation Chain Transfer Polymerization Kinetics and Mechanisms. Initialization with Different Initiating and Leaving Groups. Macromolecules, 2005, 38, 3151-3161.	4.8	114
107	Copolymerization of allyl butyl ether with acrylates via controlled radical polymerization. Journal of Polymer Science Part A, 2004, 42, 3271-3284.	2.3	43
108	Novel Brush Copolymers via Controlled Radical Polymerization. Macromolecular Chemistry and Physics, 2004, 205, 2161-2168.	2.2	65

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109	Mass spectrometry of poly(methyl methacrylate) (PMMA) prepared by atom transfer radical polymerization (ATRP). European Polymer Journal, 2004, 40, 159-163.	5.4	38
110	The role of surfactant in controlling particle size and stability in the miniemulsion polymerization of polymeric nanocapsules. European Polymer Journal, 2004, 40, 2717-2725.	5.4	43
111	Olefin copolymerization via reversible additionâ€“fragmentation chain transfer. Chemical Communications, 2004, , 1554-1555.	4.1	39
112	Olefin Copolymerization via Controlled Radical Polymerization:Â Copolymerization of Methyl Methacrylate and 1-Octene. Macromolecules, 2004, 37, 1226-1233.	4.8	78
113	Olefin Copolymerization via Controlled Radical Polymerization: Copolymerization of Acrylate and 1-Octene. Macromolecules, 2004, 37, 4406-4416.	4.8	71
114	Determination of the Free Radical Concentration Ratio in the Copolymerization of Methyl Acrylate and Styrene. Application of Radical Trapping and15N NMR Spectroscopy. Macromolecules, 2004, 37, 9338-9344.	4.8	7
115	Beyond Inhibition:Â A1H NMR Investigation of the Early Kinetics of RAFT-Mediated Polymerization with the Same Initiating and Leaving Groups. Macromolecules, 2004, 37, 2383-2394.	4.8	211
116	Characterization of 3- and 4-Arm Stars from Reactions of Poly(butyl acrylate) RAFT and ATRP Precursors. Macromolecules, 2004, 37, 7906-7917.	4.8	68
117	Peculiarities in Atom Transfer Radical Copolymerization. ACS Symposium Series, 2003, , 180-192.	0.5	15
118	Use of gradient, critical, and two-dimensional chromatography in the analysis of styrene- and methyl methacrylate-grafted epoxidized natural rubber. Journal of Applied Polymer Science, 2003, 88, 2530-2538.	2.6	30
119	Monitoring the grafting of epoxidized natural rubber by size-exclusion chromatography coupled to FTIR spectroscopy. Journal of Applied Polymer Science, 2003, 88, 2539-2549.	2.6	31
120	â€œControlledâ€•Synthesis and Characterization of Model Methyl Methacrylate/tert-Butyl Methacrylate Triblock Copolymers via ATRP. Macromolecules, 2003, 36, 3051-3060.	4.8	78
121	Application of Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry in Pulsed Laser Polymerization. Chain-Length-Dependent Propagation Rate Coefficients at High Molecular Weight:â€‰ An Artifact Caused by Band Broadening in Size Exclusion Chromatography?. Macromolecules, 2003, 36, 9797-9803.	4.8	75
122	Core/Shell Particles Containing Liquid Cores:Â Morphology Prediction, Synthesis, and Characterization. Macromolecules, 2003, 36, 8621-8629.	4.8	55
123	Evidence for Termination of Intermediate Radical Species in RAFT-Mediated Polymerization. Macromolecules, 2003, 36, 9687-9690.	4.8	60
124	15N NMR Spectroscopy of Labeled Alkoxyamines.15N-Labeled Model Compounds for Nitroxide-Trapping Studies in Free-Radical (Co)polymerization. Journal of Organic Chemistry, 2003, 68, 7322-7328.	3.2	11
125	â€œControlledâ€•Synthesis and Characterization of High Molecular Weight Methyl Methacrylate/tert-Butyl Methacrylate Diblock Copolymers via ATRP. Macromolecules, 2003, 36, 8304-8311.	4.8	44
126	Kinetics of Heterogeneous Atom Transfer Radical Polymerization of Methyl Methacrylate. Macromolecules, 2002, 35, 4785-4790.	4.8	33

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127	Experimental Determination of the Rate Constant of Deactivation of Poly(styrene) and Poly(butyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	41
128	Synthesis of Anthracene End-Capped Poly(methyl methacrylate)s via Atom Transfer Radical Polymerization and Its Kinetic Analyses. Macromolecules, 2002, 35, 2261-2267.	4.8	51
129	End-group modification of poly(butyl acrylate) prepared by atom transfer radical polymerization: Mechanistic study using gradient polymer elution chromatography. Journal of Polymer Science Part A, 2002, 40, 2350-2359.	2.3	26
130	Effect of the Copper Counterion on the Activation Rate Parameter in Atom Transfer Radical Polymerization. Macromolecules, 2001, 34, 7961-7966.	4.8	34
131	Effect of Cu(II) on the Kinetics of the Homogeneous Atom Transfer Radical Polymerization of Methyl Methacrylate. Macromolecules, 2001, 34, 6169-6173.	4.8	106
132	Synthesis of Poly(ethylene-co-butylene)-block-Poly(methyl methacrylate) by Atom Transfer Radical Polymerization: Determination of the Macroinitiator Conversion. Macromolecular Chemistry and Physics, 2001, 202, 1595-1601.	2.2	14
133	The Effect of Reducing Monosaccharides on the Atom Transfer Radical Polymerization of Butyl Methacrylate. Macromolecular Chemistry and Physics, 2001, 202, 1645-1648.	2.2	34
134	Comments on ?Living Polymerization: Rationale for Uniform Terminology? by Darling et al.. Journal of Polymer Science Part A, 2000, 38, 1734-1735.	2.3	0
135	Critically evaluated rate coefficients for free-radical polymerization, 3. Propagation rate coefficients for alkyl methacrylates. Macromolecular Chemistry and Physics, 2000, 201, 1355-1364.	2.2	274
136	Controlled radical copolymerization of styrene and maleic anhydride and the synthesis of novel polyolefin-based block copolymers by reversible addition-fragmentation chain-transfer (RAFT) polymerization. Journal of Polymer Science Part A, 2000, 38, 3596-3603.	2.3	240
137	Synthesis of Polyolefin Block and Graft Copolymers. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2000, 40, 167-192.	2.2	50
138	Atom Transfer Radical Copolymerization of Styrene and Butyl Acrylate. ACS Symposium Series, 2000, , 197-210.	0.5	17
139	Effect of Solvent on the Activation Rate Parameters for Polystyrene and Poly(butyl acrylate) Macroinitiators in Atom Transfer Radical Polymerization. Macromolecules, 2000, 33, 4417-4421.	4.8	97
140	Critically evaluated rate coefficients for free-radical polymerization, 3. Propagation rate coefficients for alkyl methacrylates. , 2000, 201, 1355.		1
141	Critically evaluated rate coefficients for free-radical polymerization, 3. Propagation rate coefficients for alkyl methacrylates. , 2000, 201, 1355.		2
142	Dependence of chemical composition of styrene/butyl acrylate copolymers on temperature and molecular weight. Polymer, 1999, 40, 4459-4463.	3.8	22
143	A Mechanistic Perspective on Solvent Effects in Free-Radical Copolymerization. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 1998, 38, 567-593.	2.2	96
144	Nitroxide-Mediated Controlled Radical Polymerization: Toward Control of Molar Mass. ACS Symposium Series, 1998, , 236-255.	0.5	1

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145	Controlled Radical Polymerization in Emulsion. Macromolecules, 1997, 30, 324-326.	4.8	120
146	The effect of benzyl alcohol on pulsed laser polymerization of styrene and methylmethacrylate. Journal of Polymer Science Part A, 1997, 35, 515-520.	2.3	52
147	Copolymerization of Styrene and Methyl Methacrylate in Ternary Oil-in-Water Microemulsions:â€‰ Comments on a Paper by Gan et al.. Macromolecules, 1996, 29, 6679-6680.	4.8	7
148	A qualitative study to the influence of molar mass on retention in gradient polymer elution chromatography (GPEC). Macromolecular Symposia, 1996, 110, 1-13.	0.7	8
149	Local monomer concentrations in emulsion polymerization. Macromolecular Symposia, 1996, 111, 107-120.	0.7	3
150	Estimation of activation parameters for the propagation rate constant of styrene. , 1996, 34, 2473-2479.		27
151	Critically evaluated rate coefficients for free-radical polymerization, 1. Propagation rate coefficient for styrene. Macromolecular Chemistry and Physics, 1995, 196, 3267-3280.	2.2	617
152	Solvent effects on the copolymerization of styrene with maleic anhydride: determination of apparent reactivity ratios from the penultimate unit model. European Polymer Journal, 1994, 30, 955-960.	5.4	12
153	Effect of Solvent on the Copolymerization of Styrene and Acrylonitrile. Application of the Bootstrap Effect to the Penultimate Unit Model. Macromolecules, 1994, 27, 1529-1534.	4.8	43
154	Interpreting the copolymerization of styrene with maleic anhydride and with methyl methacrylate in terms of the bootstrap model. Polymer, 1993, 34, 1032-1037.	3.8	68
155	NMR Spectroscopy in the Optimization and Evaluation of RAFT Agents. , 0, , 141-149.		0