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	Self-Healing Materials Based on Disulfide Links. Macromolecules, 2011, 44, 2536-2541.	4.8	789
2	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
3	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
4	Self-healing systems based on disulfideâ€“thiol exchange reactions. Polymer Chemistry, 2013, 4, 4955.	3.9	383
5	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
6	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
7	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
8	Synthesis and characterization of telechelic polymethacrylates via RAFT polymerization. Journal of Polymer Science Part A, 2005, 43, 959-973.	2.3	181
9	Controlling electrical percolation in multicomponent carbon nanotube dispersions. Nature Nanotechnology, 2011, 6, 364-369.	31.5	181
10	Chain Transfer to Polymer and Branching in Controlled Radical Polymerizations of nâ€Butyl Acrylate. Macromolecular Rapid Communications, 2009, 30, 2002-2021.	3.9	136
11	RAFT mediated polymerisation in heterogeneous media. Soft Matter, 2006, 2, 45-53.	2.7	127
12	Controlled Radical Polymerization in Emulsion. Macromolecules, 1997, 30, 324-326.	4.8	120
13	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
14	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
15	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
16	Mechanistic considerations on styreneâ€“maleic anhydride copolymerization reactions. Polymer Chemistry, 2010, 1, 558.	3.9	104
17	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
18	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

#	Article	IF	Citations
19	In-Situ NMR Spectroscopy for Probing the Efficiency of RAFT/MADIX Agents. Macromolecules, 2006, 39, 7796-7797.	4.8	89
20	Polymerâ€“protein conjugates from Ï‰-aldehyde endfunctional poly(N-vinylpyrrolidone) synthesised via xanthate-mediated living radical polymerisation. Chemical Communications, 2008, , 3193.	4.1	89
21	Unexpected reactions associated with the xanthateâ€mediated polymerization of Nâ€vinylpyrrolidone. Journal of Polymer Science Part A, 2008, 46, 6575-6593.	2.3	87
22	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
23	â€œControlledâ€•Synthesis and Characterization of Model Methyl Methacrylate/tert-Butyl Methacrylate Triblock Copolymers via ATRP. Macromolecules, 2003, 36, 3051-3060.	4.8	78
24	Olefin Copolymerization via Controlled Radical Polymerization:Â Copolymerization of Methyl Methacrylate and 1-Octene. Macromolecules, 2004, 37, 1226-1233.	4.8	78
25	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
26	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
27	Advances in biofouling mitigation: A review. Critical Reviews in Environmental Science and Technology, 2016, 46, 535-555.	12.8	76
28	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
29	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
30	Olefin Copolymerization via Controlled Radical Polymerization: Copolymerization of Acrylate and 1-Octene. Macromolecules, 2004, 37, 4406-4416.	4.8	71
31	Poly(N-vinylpyrrolidone)-block-poly(vinyl acetate) as a Drug Delivery Vehicle for Hydrophobic Drugs. Biomacromolecules, 2012, 13, 4109-4117.	5.4	71
32	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
33	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
34	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
35	Novel Brush Copolymers via Controlled Radical Polymerization. Macromolecular Chemistry and Physics, 2004, 205, 2161-2168.	2.2	65
36	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

#	Article	IF	Citations
37	Evidence for Termination of Intermediate Radical Species in RAFT-Mediated Polymerization. Macromolecules, 2003, 36, 9687-9690.	4.8	60
38	Polymeric siRNA gene delivery â€“ transfection efficiency versus cytotoxicity. Journal of Controlled Release, 2019, 316, 263-291.	9.9	58
39	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
40	Core/Shell Particles Containing Liquid Cores:Â Morphology Prediction, Synthesis, and Characterization. Macromolecules, 2003, 36, 8621-8629.	4.8	55
41	RAFTâ€Mediated Polymerizationâ€”A Story of Incompatible Data?. Macromolecular Rapid Communications, 2010, 31, 1846-1862.	3.9	55
42	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
43	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
44	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
45	Synthesis of Polyolefin Block and Graft Copolymers. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2000, 40, 167-192.	2.2	50
46	A Mechanistic Interpretation of Initialization Processes in RAFT-Mediated Polymerization. Macromolecular Rapid Communications, 2006, 27, 1233-1240.	3.9	50
47	Antimicrobial fibers: therapeutic possibilities and recent advances. Future Medicinal Chemistry, 2011, 3, 1821-1847.	2.3	48
48	Application of Gemini Surfactants as Diesel Fuel Wax Dispersants. Energy & Fuels, 2011, 25, 162-171.	5.1	47
49	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
50	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
51	Copolymerization of allyl butyl ether with acrylates via controlled radical polymerization. Journal of Polymer Science Part A, 2004, 42, 3271-3284.	2.3	43
52	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
53	Experimental Determination of the Rate Constant of Deactivation of Poly(styrene) and Poly(butyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	41
54	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

#	Article	IF	Citations
55	Olefin copolymerization via reversible additionâ€“fragmentation chain transfer. Chemical Communications, 2004, , 1554-1555.	4.1	39
56	Intermediate Radical Termination in Reversible Addition-Fragmentation Chain Transfer-Mediated Polymerization:Â Identification of Termination Products. Macromolecules, 2007, 40, 3914-3920.	4.8	39
57	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
58	Mass spectrometry of poly(methyl methacrylate) (PMMA) prepared by atom transfer radical polymerization (ATRP). European Polymer Journal, 2004, 40, 159-163.	5.4	38
59	Investigation into the Initialization Behaviour of RAFT-Mediated Styreneâ€“Maleic Anhydride Copolymerizations. Australian Journal of Chemistry, 2006, 59, 742.	0.9	38
60	Effect of the Copper Counterion on the Activation Rate Parameter in Atom Transfer Radical Polymerization. Macromolecules, 2001, 34, 7961-7966.	4.8	34
61	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
62	The past, present and future of hydrogels. European Polymer Journal, 2015, 72, 341-343.	5.4	34
63	Kinetics of Heterogeneous Atom Transfer Radical Polymerization of Methyl Methacrylate. Macromolecules, 2002, 35, 4785-4790.	4.8	33
64	Templated Hierarchical Selfâ€Assembly of Poly(pâ€arylтriazole) Foldamers. Angewandte Chemie - International Edition, 2013, 52, 11040-11044.	13.8	32
65	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
66	Atom transfer radical polymerization as a powerful tool in the synthesis of molecular brushes. Polymer International, 2014, 63, 824-834.	3.1	31
67	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
68	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
69	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
70	In SituNMR and Modeling Studies of Nitroxide Mediated Copolymerization of Styrene andn-Butyl Acrylate. Macromolecules, 2011, 44, 6683-6690.	4.8	30
71	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
72	Surfactant-free artificial latexes from modified styreneâ€“maleic anhydride (SMA) copolymers. Polymer, 2006, 47, 7621-7627.	3.8	29

#	Article	IF	Citations
73	Macrophage-Targeted Hydroxychloroquine Nanotherapeutics for Rheumatoid Arthritis Therapy. ACS Applied Materials & Interfaces, 2022, 14, 8824-8837.	8.0	28
74	Estimation of activation parameters for the propagation rate constant of styrene. , 1996, 34, 2473-2479.		27
75	Steric Stabilization of Pickering Emulsions for the Efficient Synthesis of Polymeric Microcapsules. Langmuir, 2010, 26, 14929-14936.	3.5	27
76	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
77	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
78	Poly(methyl methacrylate)â€“silica microcapsules synthesized by templating Pickering emulsion droplets. Journal of Materials Chemistry B, 2013, 1, 2394.	5.8	26
79	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
80	Compartmentalization of bacteria in microcapsules. Chemical Communications, 2014, 50, 15427-15430.	4.1	23
81	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
82	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
83	Dependence of chemical composition of styrene/butyl acrylate copolymers on temperature and molecular weight. Polymer, 1999, 40, 4459-4463.	3.8	22
84	Synthesis of liquidâ€filled nanocapsules via the miniemulsion technique. Journal of Polymer Science Part A, 2010, 48, 5215-5230.	2.3	21
85	Pickering Emulsions: Wetting and Colloidal Stability of Hairy Particlesâ€”A Self-Consistent Field Theory. Langmuir, 2011, 27, 6574-6583.	3.5	21
86	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
87	Discussion on â€œAperiodic Copolymersâ€. ACS Macro Letters, 2016, 5, 1-3.	4.8	21
88	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
89	Influence of DIBMA Polymer Length on Lipid Nanodisc Formation and Membrane Protein Extraction. Biomacromolecules, 2021, 22, 763-772.	5.4	20
90	Structure of colloidosomes with tunable particle density: Simulation versus experiment. Physical Review E, 2012, 85, 061404.	2.1	19

#	Article	IF	Citations
91	Synthesis, Characterization, and Self-Assembly of Poly(N-vinylpyrrolidone)-block-poly(vinyl acetate). Australian Journal of Chemistry, 2012, 65, 1124.	0.9	18
92	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
93	Atom Transfer Radical Copolymerization of Styrene and Butyl Acrylate. ACS Symposium Series, 2000, , 197-210.	0.5	17
94	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
95	Self-healing polymers. Polymer Chemistry, 2013, 4, 4832.	3.9	17
96	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
97	Furanone-containing poly(vinyl alcohol) nanofibers for cell-adhesion inhibition. Water Research, 2013, 47, 1049-1059.	11.3	16
98	Advancing membrane biology with poly(styrene-co-maleic acid)-based native nanodiscs. European Polymer Journal, 2019, 110, 63-68.	5.4	16
99	Peculiarities in Atom Transfer Radical Copolymerization. ACS Symposium Series, 2003, , 180-192.	0.5	15
100	Facile immobilization of enzymes on electrospun poly(styrene-alt-maleic anhydride) nanofibres. Polymer Chemistry, 2011, 2, 1479.	3.9	15
101	Reversible Nitroxide Trapping of the Mid-Chain Radical in n-Butyl Acrylate Polymerization. Macromolecules, 2011, 44, 5554-5557.	4.8	15
102	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
103	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
104	In Situ1H NMR Studies of High-Temperature Nitroxide-Mediated Polymerization ofn-Butyl Acrylate. Macromolecules, 2011, 44, 7100-7108.	4.8	14
105	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
106	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
107	Styrene/Maleic Anhydride Macro-RAFT-Mediated Encapsulation. Macromolecular Chemistry and Physics, 2006, 207, 861-863.	2.2	13
108	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

#	Article	IF	Citations
109	First Study of Poly(3-methylene-2-pyrrolidone) as a Kinetic Hydrate Inhibitor. Energy & Fuels, 2017, 31, 13572-13577.	5.1	13
110	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
111	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
112	NMR Spectroscopy in the Optimization and Evaluation of RAFT Agents. Macromolecular Symposia, 2007, 248, 141-149.	0.7	11
113	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
114	Formation of hybrid poly(styrene-co-maleic anhydride)â€“silica microcapsules. Journal of Materials Chemistry B, 2014, 2, 4826-4835.	5.8	11
115	Synthesis, Characterization, and Evaluation of Cytotoxicity of Poly(3-methylene-2-pyrrolidone). Biomacromolecules, 2016, 17, 1795-1800.	5.4	11
116	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
117	Immobilized Furanone Derivatives as Inhibitors for Adhesion of Bacteria on Modified Poly(styrene-co-maleic anhydride). Biomacromolecules, 2012, 13, 3138-3150.	5.4	10
118	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
119	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
120	Synthesis and Self-assembly of Amphiphilic Hetero-arm Molecular Brushes. Australian Journal of Chemistry, 2011, 64, 1100.	0.9	9
121	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
122	Novel Glycopolymer Brushes via ATRP: 1. Synthesis and Characterization. Macromolecular Chemistry and Physics, 2011, 212, 2191-2208.	2.2	8
123	Synthesis of novel glycopolymer brushes via a combination of RAFT-mediated polymerisation and ATRP. South African Journal of Science, 2011, 107, .	0.7	8
124	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
125	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
126	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

#	Article	IF	Citations
127	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
128	Chain-end modification of living anionic polybutadiene with diphenylethylenes and styrenes. Journal of Polymer Science Part A, 2005, 43, 2536-2545.	2.3	7
129	Deformation of the Water/Oil Interface during the Adsorption of Sterically Stabilized Particles. Langmuir, 2014, 30, 7327-7333.	3.5	7
130	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
131	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
132	Adhesion on the Nano- and Macroscale: Interaction between Copper and SAN/SMAh Copolymers. ChemPhysChem, 2006, 7, 1912-1916.	2.1	5
133	Reversible Addition Fragmentation Chain Transfer (RAFT) Mediated Polymerization of N-Vinylpyrrolidone: RAFT agent design. ACS Symposium Series, 2009, , 167-179.	0.5	5
134	Reconstruction of the 3D structure of colloidosomes from a single SEM image. Soft Matter, 2011, 7, 2033.	2.7	5
135	Poly(N-vinylpyrrolidone) Antimalaria Conjugates of Membrane-Disruptive Peptides. Biomacromolecules, 2020, 21, 5053-5066.	5.4	5
136	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
137	Novel Glycopolymer Brushes via ATRP: 2. Thermal and Mechanical Properties. Macromolecular Chemistry and Physics, 2011, 212, 2209-2216.	2.2	4
138	pH-dependent adhesion of mycobacteria to surface-modified polymer nanofibers. Journal of Materials Chemistry B, 2013, 1, 6608.	5.8	4
139	The Rationale Behind Sequence-Controlled Maleimide Copolymers. ACS Symposium Series, 2014, , 213-221.	0.5	4
140	Thermoresponsive behavior of poly(3-methylene-2-pyrrolidone) derivatives. European Polymer Journal, 2019, 112, 714-721.	5.4	4
141	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
142	Local monomer concentrations in emulsion polymerization. Macromolecular Symposia, 1996, 111, 107-120.	0.7	3
143	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
144	Investigation of the 3D Printability of Covalently Cross-Linked Polypeptide-Based Hydrogels. ACS Omega, 2022, 7, 7556-7571.	3.5	3

#	Article	IF	Citations
145	Novel coreâ€sheath antimicrobial nanofibrous mats. Journal of Applied Polymer Science, 2018, 135, 46303.	2.6	2
146	Synthesis and Cell Interaction of Statistical l-Arginineâ€“Glycineâ€“l-Aspartic Acid Terpolypeptides. Biomacromolecules, 2018, 19, 3058-3066.	5.4	2
147	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
148	Critically evaluated rate coefficients for free-radical polymerization, 3. Propagation rate coefficients for alkyl methacrylates. , 2000, 201, 1355.		2
149	Linear Dichroism Activity of Chiral Poly(p-Aryltriazole) Foldamers. ACS Omega, 2021, 6, 33231-33237.	3.5	2
150	Nitroxide-Mediated Controlled Radical Polymerization: Toward Control of Molar Mass. ACS Symposium Series, 1998, , 236-255.	0.5	1
151	Terminal Monomer Units in Dormant and Active Copolymer Chains. ACS Symposium Series, 2012, , 47-58.	0.5	1
152	Synthesis and characterization of liquid molecular brush binder for coating applications. European Polymer Journal, 2018, 102, 178-186.	5.4	1
153	Critically evaluated rate coefficients for free-radical polymerization, 3. Propagation rate coefficients for alkyl methacrylates. , 2000, 201, 1355.		1
154	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
155	NMR Spectroscopy in the Optimization and Evaluation of RAFT Agents. , 0, , 141-149.		0