Per B Zetterlund

List of Publications by Year
in descending order

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239 papers	9,911 citations	41627 51 h-index	56606 87 g-index

245 all docs	245 docs citations	245 times ranked	6212 citing authors

#	Article	IF	Citations
1	Synthesis of graphene-based polymeric nanocomposites using emulsion techniques. Progress in Polymer Science, 2022, 125, 101476.	11.8	26
2	Miniemulsion polymerization via membrane emulsification: Exploring system feasibility for different monomers. Colloid and Polymer Science, 2022, 300, 309-317.	1.0	5
3	Tuning phase separation morphology in blend thin films using well-defined linear (multi)block copolymers. Polymer, 2022, 240, 124466.	1.8	8
4	Nano-dimensional spheres and worms as fillers in polymer nanocomposites: effect of filler morphology. Polymer Chemistry, 2022, 13, 1818-1823.	1.9	10
5	Synthesis of low glass transition temperature worms comprising a poly(styrene-stat-n-butyl) Tj ETQq1 1 0.784314 rgBT /Overlo polymerization. Polymer Chemistry, 2022, 13, 1719-1730.	1.9	9
6	Special issue dedicated to the memory of Prof Masayoshi Okubo. Colloid and Polymer Science, 2022, 300, 251-253.	1.0	0
7	Polymeric Nanofibers of Various Degrees of Crossâ€Linking as Fillers in Poly(styreneâ€statâ€nâ€butyl) Tj ETQq1 1 0.784314 rg Macromolecular Rapid Communications, 2022, 43, e2100879.	2.0	5
8	Synthesis of Highly Stretchable and Electrically Conductive Multiwalled Carbon Nanotube/Polymer Nanocomposite Films. ACS Applied Polymer Materials, 2022, 4, 1867-1877.	2.0	9
9	Expanding the Scope of RAFT Multiblock Copolymer Synthesis Using the Nanoreactor Concept: The Critical Importance of Initiator Hydrophobicity. Macromolecules, 2022, 55, 1981-1991.	2.2	14
10	Polymer/Reduced Graphene Oxide/Lignosulfonate Nanocomposite Films as Pseudocapacitor Cathodes. ACS Applied Nano Materials, 2022, 5, 3686-3700.	2.4	8
11	Polymeric nanocomposites based on high aspect ratio polymer fillers: Simultaneous improvement in tensile strength and stretchability. European Polymer Journal, 2022, 169, 111134.	2.6	7
12	RAFT dispersion polymerization induced self-assembly (PISA) of boronic acid-substituted acrylamides. Polymer Chemistry, 2022, 13, 3750-3755.	1.9	5
13	Strategies for reduction of graphene oxide â€“ A comprehensive review. Chemical Engineering Journal, 2021, 405, 127018.	6.6	252
14	Polymerization-induced self-assembly via RAFT in emulsion: effect of Z-group on the nucleation step. Polymer Chemistry, 2021, 12, 122-133.	1.9	29
15	Introduction to polymerisation-induced self assembly. Polymer Chemistry, 2021, 12, 8-11.	1.9	19
16	Mechanistic Aspects of the Functionalization of Graphene Oxide with Ethylene Diamine: Implications for Energy Storage Applications. ACS Applied Nano Materials, 2021, 4, 3232-3240.	2.4	27
17	Structural Complexity of Graphene Oxide: The Kirigami Model. ACS Applied Materials & Interfaces, 2021, 13, 18255-18263.	4.0	20
18	Multiblock Copolymer Synthesis via Reversible Additionâ€“Fragmentation Chain Transfer Emulsion Polymerization: Effects of Chain Mobility within Particles on Control over Molecular Weight Distribution. Macromolecules, 2021, 54, 3647-3658.	2.2	15

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19	Influence of Anionic Surfactants on the Fundamental Properties of Polymer/Reduced Graphene Oxide Nanocomposite Films. ACS Applied Materials & Interfaces, 2021, 13, 18338-18347.	4.0	24
20	Synthesis of Multicompositional Onionâ€like Nanoparticles via RAFT Emulsion Polymerization. Angewandte Chemie, 2021, 133, 23469.	1.6	2
21	Synthesis of Multicompositional Onionâ€like Nanoparticles via RAFT Emulsion Polymerization. Angewandte Chemie - International Edition, 2021, 60, 23281-23288.	7.2	16
22	Influence of Polymer Matrix on Polymer/Graphene Oxide Nanocomposite Intrinsic Properties. ACS Applied Polymer Materials, 2021, 3, 5145-5154.	2.0	24
23	RAFT Emulsion Polymerization for (Multi)block Copolymer Synthesis: Overcoming the Constraints of Monomer Order. Macromolecules, 2021, 54, 736-746.	2.2	36
24	In Situ Surfactant Effects on Polymer/Reduced Graphene Oxide Nanocomposite Films: Implications for Coating and Biomedical Applications. ACS Applied Nano Materials, 2021, 4, 12461-12471.	2.4	9
25	Miniemulsion polymerization using carboxylated graphene quantum dots as surfactants: effects of monomer and initiator type. Polymer Chemistry, 2020, 11, 5790-5799.	1.9	13
26	Low-Dispersity Polymers in Ab Initio Emulsion Polymerization: Improved MacroRAFT Agent Performance in Heterogeneous Media. Macromolecules, 2020, 53, 7672-7683.	2.2	29
27	Synthesis of diamine functionalised graphene oxide and its application in the fabrication of electrically conducting reduced graphene oxide/polymer nanocomposite films. Nanoscale Advances, 2020, 2, 4702-4712.	2.2	23
28	Preparation of Methacrylate Polymer/Reduced Graphene Oxide Nanocomposite Particles Stabilized by Poly(ionic liquid) Block Copolymer via Miniemulsion Polymerization. Macromolecular Rapid Communications, 2020, 41, 2000141.	2.0	7
29	Polymer Synthesis in Continuous Flow Reactors. Progress in Polymer Science, 2020, 107, 101256.	11.8	87
30	Confined polymerisation of bis-thyminyl monomers within nanoreactors: towards molecular weight control. Polymer Chemistry, 2020, 11, 4326-4334.	1.9	9
31	Miniemulsion photopolymerization in a continuous tubular reactor: particle size controlviamembrane emulsification. Polymer Chemistry, 2020, 11, 4660-4669.	1.9	11
32	RAFT Emulsion Polymerization: MacroRAFT Agent Self-Assembly Investigated Using a Solvachromatic Dye. Biomacromolecules, 2020, 21, 4577-4590.	2.6	18
33	Miniemulsion polymerization of styrene using carboxylated graphene quantum dots as surfactant. Polymer Chemistry, 2020, 11, 3217-3224.	1.9	28
34	Enhanced Osteogenic Differentiation of Human Fetal Cartilage Rudiment Cells on Graphene Oxide-PLGA Hybrid Microparticles. Journal of Functional Biomaterials, 2019, 10, 33.	1.8	5
35	Cation-induced coagulation in graphene oxide suspensions. Materials Today Chemistry, 2019, 13, 139-146.	1.7	13
36	Exploitation of the Nanoreactor Concept for Efficient Synthesis of Multiblock Copolymers via MacroRAFT-Mediated Emulsion Polymerization. ACS Macro Letters, 2019, 8, 989-995.	2.3	67

#	Article	IF	Citations
37	Reversible Destabilization of UVâ€Responsive Polymer Particles (Latex) using a Photoresponsive Surfactant. Macromolecular Rapid Communications, 2019, 40, e1900355.	2.0	11
38	The Nanoreactor Concept: Kinetic Features of Compartmentalization in Dispersed Phase Polymerization. Macromolecules, 2019, 52, 7963-7976.	2.2	53
39	Interfacial crosslinking of selfâ€assembled triblock copolymer nanoparticles via alkoxysilane hydrolysis and condensation. Journal of Polymer Science Part A, 2019, 57, 1897-1907.	2.5	6
40	Exploitation of Compartmentalization in RAFT Miniemulsion Polymerization to Increase the Degree of Livingness. Journal of Polymer Science Part A, 2019, 57, 1938-1946.	2.5	31
41	Particle Size Control in Miniemulsion Polymerization via Membrane Emulsification. Macromolecules, 2019, 52, 4492-4499.	2.2	27
42	Scalable Aqueous Reversible Additionâ€“Fragmentation Chain Transfer Photopolymerization-Induced Self-Assembly of Acrylamides for Direct Synthesis of Polymer Nanoparticles for Potential Drug Delivery Applications. ACS Applied Polymer Materials, 2019, 1, 1251-1256.	2.0	35
43	Polymerization-induced self-assembly based on ATRP in supercritical carbon dioxide. Polymer Chemistry, 2019, 10, 2658-2665.	1.9	24
44	Miniemulsion polymerization using graphene oxide as surfactant: In situ grafting of polymers. Carbon, 2019, 149, 445-451.	5.4	30
45	Electrically conductive polymer/rGO nanocomposite films at ambient temperature via miniemulsion polymerization using GO as surfactant. Nanoscale, 2019, 11, 6566-6570.	2.8	34
46	Polymerization of cubosome and hexosome templates to produce complex microparticle shapes. Journal of Colloid and Interface Science, 2019, 546, 240-250.	5.0	20
47	Alcohol-based PISA in batch and flow: exploring the role of photoinitiators. Polymer Chemistry, 2019, 10, 2406-2414.	1.9	51
48	Nano-Engineered Multiblock Copolymer Nanoparticles via Reversible Additionâ€“Fragmentation Chain Transfer Emulsion Polymerization. Macromolecules, 2019, 52, 2965-2974.	2.2	54
49	Rapid Oxygen Tolerant Aqueous RAFT Photopolymerization in Continuous Flow Reactors. Macromolecules, 2019, 52, 1609-1619.	2.2	59
50	Ambient-Temperature Waterborne Polymer/rGO Nanocomposite Films: Effect of rGO Distribution on Electrical Conductivity. ACS Applied Materials & Interfaces, 2019, 11, 48450-48458.	4.0	42
51	Polymerizationâ€Induced Selfâ€Assembly under Compressed CO₂: Control of Morphology Using a CO₂â€Responsive MacroRAFT Agent. Macromolecular Rapid Communications, 2019, 40, e1800335.	2.0	36
52	A Simple and Versatile Pathway for the Synthesis of Visible Light Photoreactive Nanoparticles. Advanced Functional Materials, 2018, 28, 1800342.	7.8	18
53	Microcapsule synthesis via RAFT photopolymerization in vegetable Oil as a green solvent. Journal of Polymer Science Part A, 2018, 56, 831-839.	2.5	11
54	Polymeric Nanocapsules for Enzyme Stabilization in Organic Solvents. Macromolecules, 2018, 51, 438-446.	2.2	35

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55	Selfâ€assembly of block copolymers with an alkoxysilaneâ€based coreâ€forming block: A comparison of synthetic approaches. Journal of Polymer Science Part A, 2018, 56, 420-429.	2.5	3
56	Large Hexosomes from Emulsion Droplets: Particle Shape and Mesostructure Control. Langmuir, 2018, 34, 13662-13671.	1.6	11
57	Estimation of Copolymer/Water Interfacial Tensions Using Pendant Drop Tensiometry. Langmuir, 2018, 34, 6835-6843.	1.6	4
58	Pickering miniemulsion polymerization using graphene oxide: effect of addition of a conventional surfactant. Polymer Chemistry, 2018, 9, 3368-3378.	1.9	33
59	Aqueous heterogeneous radical polymerization of styrene under compressed ethane. Journal of Supercritical Fluids, 2018, 142, 45-51.	1.6	1
60	Photopolymerization in dispersed systems. Progress in Polymer Science, 2018, 84, 47-88.	11.8	118
61	Visible Light-Mediated Polymerization-Induced Self-Assembly Using Continuous Flow Reactors. Macromolecules, 2018, 51, 5165-5172.	2.2	105
62	Radical Polymerization of Alkyl 2-Cyanoacrylates. Molecules, 2018, 23, 465.	1.7	41
63	Revised insights into templating radical polymerization within nanoreactors. Journal of Polymer Science Part A, 2017, 55, 1590-1600.	2.5	6
64	Reversible addition-fragmentation chain transfer polymerization of alkyl-2-cyanoacrylates: An assessment of livingness. Journal of Polymer Science Part A, 2017, 55, 1397-1408.	2.5	7
65	Polymerization induced self-assembly: tuning of morphology using ionic strength and pH. Polymer Chemistry, 2017, 8, 3082-3089.	1.9	62
66	Formation of homogeneous nanocomposite films at ambient temperature via miniemulsion polymerization using graphene oxide as surfactant. Journal of Polymer Science Part A, 2017, 55, 2289-2297.	2.5	18
67	Synthesis of polydopamine capsules via SPG membrane emulsion templating: Tuning of capsule size. Journal of Polymer Science Part A, 2017, 55, 365-370.	2.5	7
68	Coreâ€“shell and gradient morphology polymer particles analyzed by Xâ€ray photoelectron spectroscopy: Effect of monomer feed order. Journal of Polymer Science Part A, 2017, 55, 2513-2526.	2.5	5
69	RAFT iniferter polymerization in miniemulsion using visible light. Polymer Chemistry, 2017, 8, 3965-3970.	1.9	53
70	Synthesis of polymeric nano-objects of various morphologies based on block copolymer self-assembly using microporous membranes. Reaction Chemistry and Engineering, 2017, 2, 451-457.	1.9	9
71	Synthesis and characterisation of gradient polymeric nanoparticles. Polymer Chemistry, 2017, 8, 495-499.	1.9	10
72	Soft polyhedral particles based on cubic liquid crystalline emulsion droplets. Soft Matter, 2017, 13, 8492-8501.	1.2	17

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73	CO2-responsive polyacrylamide copolymer vesicles with acid-sensitive morpholine moieties and large hydrophobic RAFT end-group. European Polymer Journal, 2017, 97, 129-137.	2.6	5
74	A facile route to segmented copolymers by fusing ambient temperature step-growth and RAFT polymerization. Chemical Communications, 2017, 53, 10648-10651.	2.2	4
75	Mechanistic Aspects of Aqueous Heterogeneous Radical Polymerization of Styrene under Compressed CO₂. Macromolecular Chemistry and Physics, 2017, 218, 1700128.	1.1	4
76	Water and Carbon Dioxide: A Unique Solvent for the Catalytic Polymerization of Ethylene in Miniemulsion. Chemistry - an Asian Journal, 2017, 12, 2057-2061.	1.7	5
77	A new paradigm in polymerization induced self-assembly (PISA): Exploitation of â€œnon-livingâ€• additionâ€“fragmentation chain transfer (AFCT) polymerization. Polymer Chemistry, 2017, 8, 4177-4181.	1.9	48
78	Synthesis of polymeric nanoparticles containing reduced graphene oxide nanosheets stabilized by poly(ionic liquid) using miniemulsion polymerization. Soft Matter, 2016, 12, 3955-3962.	1.2	19
79	Polymer-inorganic hybrid nanoparticles of various morphologies via polymerization-induced self assembly and solâ€“gel chemistry. Polymer Chemistry, 2016, 7, 6575-6585.	1.9	21
80	Synthesis of hollow polydopamine nanoparticles using miniemulsion templating. Polymer, 2016, 105, 276-283.	1.8	22
81	Synthesis of microcapsules using inverse emulsion periphery RAFT polymerization via SPG membrane emulsification. Polymer Chemistry, 2016, 7, 7047-7051.	1.9	7
82	Block copolymer synthesis by controlled/living radical polymerisation in heterogeneous systems. Chemical Society Reviews, 2016, 45, 5055-5084.	18.7	108
83	Radical polymerization of miniemulsions induced by compressed gases. RSC Advances, 2016, 6, 50650-50657.	1.7	5
84	Preparation of Polymer Particles Containing Reduced Graphene Oxide Nanosheets Using Ionic Liquid Monomer. Macromolecules, 2016, 49, 1222-1228.	2.2	13
85	The limits of precision monomer placement in chain growth polymerization. Nature Communications, 2016, 7, 10514.	5.8	141
86	RAFT polymerization in supercritical carbon dioxide based on an induced precipitation approach: Synthesis of 2-ethoxyethyl methacrylate/acrylamide block copolymers. Journal of Polymer Science Part A, 2015, 53, 2351-2356.	2.5	9
87	SAXS Analysis of Shell Formation During Nanocapsule Synthesis via Inverse Miniemulsion Periphery RAFT Polymerization. Macromolecular Rapid Communications, 2015, 36, 1267-1271.	2.0	9
88	Factors influencing the preparation of hollow polymer-graphene oxide microcapsules via Pickering miniemulsion polymerization. Polymer, 2015, 63, 1-9.	1.8	42
89	Polymerization induced self-assembly: tuning of nano-object morphology by use of CO₂. Polymer Chemistry, 2015, 6, 2249-2254.	1.9	65
90	An Innovative Approach to Implementation of Organotellurium-Mediated Radical Polymerization (TERP) in Emulsion Polymerization. Macromolecules, 2015, 48, 4312-4318.	2.2	10

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91	Biocompatible Glycopolymer Nanocapsules via Inverse Miniemulsion Periphery RAFT Polymerization for the Delivery of Gemcitabine. Biomacromolecules, 2015, 16, 2144-2156.	2.6	53
92	Synthesis of crosslinked polymeric nanocapsules using catanionic vesicle templates stabilized by compressed CO2. Soft Matter, 2015, 11, 8613-8620.	1.2	3
93	Visible-Light-Regulated Controlled/Living Radical Polymerization in Miniemulsion. ACS Macro Letters, 2015, 4, 1139-1143.	2.3	80
94	Controlled/Living Radical Polymerization in Dispersed Systems: An Update. Chemical Reviews, 2015, 115, 9745-9800.	23.0	393
95	RAFT inverse miniemulsion periphery polymerization in binary solvent mixtures for synthesis of nanocapsules. European Polymer Journal, 2015, 73, 324-334.	2.6	15
96	Graphene oxide (GO) nanosheets as oil-in-water emulsion stabilizers: Influence of oil phase polarity. Journal of Colloid and Interface Science, 2015, 442, 67-74.	5.0	99
97	Cu(0)-Mediated Controlled/Living Radical Polymerization: A Tool for Precise Multiblock Copolymer Synthesis. ACS Symposium Series, 2014, , 201-212.	0.5	0
98	Hollow hybrid polymerâ€“graphene oxide nanoparticles via Pickering miniemulsion polymerization. Nanoscale, 2014, 6, 8590.	2.8	70
99	Synthesis of fluorinated alkoxyamines and alkoxyamine-initiated nitroxide-mediated precipitation polymerizations of styrene in supercritical carbon dioxide. Polymer Chemistry, 2014, 5, 5725-5733.	1.9	16
100	Optimization of the RAFT polymerization conditions for the in situ formation of nano-objects via dispersion polymerization in alcoholic medium. Polymer Chemistry, 2014, 5, 6990-7003.	1.9	101
101	Synthesis of pH-Responsive Nanocapsules via Inverse Miniemulsion Periphery RAFT Polymerization and Post-Polymerization Reaction. ACS Macro Letters, 2014, 3, 935-939.	2.3	37
102	Synthesis of complex macromolecules using iterative copper(0)-mediated radical polymerization. Journal of Polymer Science Part A, 2014, 52, 2083-2098.	2.5	27
103	Chain transfer to solvent in the radical polymerization of structurally diverse acrylamide monomers using straight-chain and branched alcohols as solvents. Polymer Chemistry, 2014, 5, 2259.	1.9	16
104	Successful Miniemulsion ATRP Using an Anionic Surfactant: Minimization of Deactivator Loss by Addition of a Halide Salt. Macromolecules, 2014, 47, 6230-6237.	2.2	33
105	Sequenceâ€Controlled Multiblock Copolymers via RAFT Polymerization: Modeling and Simulations. Macromolecular Theory and Simulations, 2014, 23, 331-339.	0.6	70
106	Exploitation of the Degenerative Transfer Mechanism in RAFT Polymerization for Synthesis of Polymer of High Livingness at Full Monomer Conversion. Macromolecules, 2014, 47, 639-649.	2.2	144
107	Pushing the Limit of the RAFT Process: Multiblock Copolymers by One-Pot Rapid Multiple Chain Extensions at Full Monomer Conversion. Macromolecules, 2014, 47, 3451-3460.	2.2	208
108	Nano-sized graphene oxide as sole surfactant in miniemulsion polymerization for nanocomposite synthesis: Effect of pH and ionic strength. Polymer, 2014, 55, 3490-3497.	1.8	49

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109	Grafting of P(OEGA) Onto Magnetic Nanoparticles Using Cu(0) Mediated Polymerization: Comparing Grafting â€œfromâ€•and â€œtoâ€•Approaches in the Search for the Optimal Material Design of Nanoparticle MRI Contrast Agents. Macromolecules, 2013, 46, 6038-6047.	2.2	68
110	Preparation of Composite Materials by Using Graphene Oxide as a Surfactant in Ab Initio Emulsion Polymerization Systems. ACS Macro Letters, 2013, 2, 630-634.	2.3	60
111	Dispersion polymerization of styrene in CO2-expanded ethanol. Polymer, 2013, 54, 6689-6694.	1.8	7
112	Rapid and quantitative one-pot synthesis of sequence-controlled polymers by radical polymerization. Nature Communications, 2013, 4, 2505.	5.8	403
113	Rate enhanced nitroxide-mediated miniemulsion polymerization: effect of nitroxide water solubility. Polymer Chemistry, 2013, 4, 3256.	1.9	9
114	RAFT miniemulsion polymerization using dioctyl sodium sulfosuccinate. Journal of Polymer Science Part A, 2013, 51, 2104-2109.	2.5	6
115	Exploiting the homogeneous expansion limit of CO2-expanded media for the synthesis of polymeric nanoparticles. Journal of Supercritical Fluids, 2013, 78, 89-94.	1.6	4
116	Inverse Miniemulsion Periphery RAFT Polymerization: A Convenient Route to Hollow Polymeric Nanoparticles with an Aqueous Core. Macromolecules, 2013, 46, 2118-2127.	2.2	59
117	Copper(0)-mediated radical polymerisation in a self-generating biphasic system. Polymer Chemistry, 2013, 4, 106-112.	1.9	75
118	High Molecular Weight Block Copolymers by Sequential Monomer Addition via Cu(0)-Mediated Living Radical Polymerization (SET-LRP): An Optimized Approach. ACS Macro Letters, 2013, 2, 896-900.	2.3	124
119	Synthesis of polystyrene nanoparticles â€œarmouredâ€•with nanodimensional graphene oxide sheets by miniemulsion polymerization. Journal of Polymer Science Part A, 2013, 51, 47-58.	2.5	77
120	Influence of monomer type on miniemulsion polymerization systems stabilized by graphene oxide as sole surfactant. Journal of Polymer Science Part A, 2013, 51, 5153-5162.	2.5	53
121	Functionalization of Graphene Oxide for the Production of Novel Graphene-Based Polymeric and Colloidal Materials. Current Organic Chemistry, 2013, 17, 956-974.	0.9	27
122	Synergistic Effects of Compartmentalization and Nitroxide Exit/Entry in Nitroxide-Mediated Radical Polymerization in Dispersed Systems. ACS Macro Letters, 2012, 1, 692-696.	2.3	14
123	Assessment of the influence of microwave irradiation on conventional and RAFT radical polymerization of styrene. Polymer Chemistry, 2012, 3, 2801.	1.9	15
124	Rate-Enhanced Nitroxide-Mediated Miniemulsion Polymerization. ACS Macro Letters, 2012, 1, 748-752.	2.3	6
125	Size-Tunable Nanoparticle Synthesis by RAFT Polymerization in CO2-Induced Miniemulsions. Macromolecules, 2012, 45, 1803-1810.	2.2	20
126	Synthesis of hollow polymeric nanoparticles for protein delivery via inverse miniemulsion periphery RAFT polymerization. Chemical Communications, 2012, 48, 11103.	2.2	49

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127	Synthesis of multi-block copolymer stars using a simple iterative Cu(0)-mediated radical polymerization technique. Polymer Chemistry, 2012, 3, 117-123.	1.9	116
128	Miniemulsion polymerization based on in situ surfactant formation without high-energy homogenization: effects of organic acid and counter ion. Polymer Journal, 2012, 44, 375-381.	1.3	14
129	Modification of graphene/graphene oxide with polymer brushes using controlled/living radical polymerization. Journal of Polymer Science Part A, 2012, 50, 2981-2992.	2.5	88
130	Biomimetic radical polymerization via cooperative assembly of segregating templates. Nature Chemistry, 2012, 4, 491-497.	6.6	135
131	Retardation in RAFT Polymerization: Does Cross-Termination Occur with Short Radicals Only?. Macromolecules, 2011, 44, 4187-4193.	2.2	47
132	Synthesis of Complex Multiblock Copolymers via a Simple Iterative Cu(0)-Mediated Radical Polymerization Approach. Macromolecules, 2011, 44, 8028-8033.	2.2	172
133	RAFT Polymerization under Microwave Irradiation: Toward Mechanistic Understanding. Macromolecules, 2011, 44, 1340-1346.	2.2	67
134	Synthesis of Biodegradable Hydrogel Nanoparticles for Bioapplications Using Inverse Miniemulsion RAFT Polymerization. Macromolecules, 2011, 44, 7167-7175.	2.2	46
135	High-Order Multiblock Copolymers via Iterative Cu(0)-Mediated Radical Polymerizations (SET-LRP): Toward Biological Precision. Journal of the American Chemical Society, 2011, 133, 11128-11131.	6.6	308
136	Controlled/living radical polymerization in nanoreactors: compartmentalization effects. Polymer Chemistry, 2011, 2, 534-549.	1.9	111
137	Nitroxide-Mediated Radical Polymerization in Microemulsion (Microemulsion NMP) ofn-Butyl Acrylate. Macromolecules, 2011, 44, 5599-5604.	2.2	29
138	Reversible Additionâ€“Fragmentation Chain Transfer (RAFT) Polymerization in Miniemulsion Based on In Situ Surfactant Generation. Australian Journal of Chemistry, 2011, 64, 1033.	0.5	8
139	Particle formation mechanism in radical polymerization in miniemulsion based on in situ surfactant formation without high energy homogenization. Polymer, 2011, 52, 4199-4207.	1.8	25
140	Nitroxideâ€mediated stabilizerâ€free inverse suspension polymerization of Nâ€isopropylacrylamide in supercritical carbon dioxide. Journal of Polymer Science Part A, 2011, 49, 1719-1723.	2.5	21
141	Chain transfer to solvent in the radical polymerization of Nâ€isopropylacrylamide. Journal of Polymer Science Part A, 2011, 49, 1856-1864.	2.5	20
142	Radical polymerization of CO₂â€induced emulsions: A novel route to polymeric nanoparticles. Journal of Polymer Science Part A, 2011, 49, 4307-4311.	2.5	8
143	Endâ€group fidelity of copper(0)â€meditated radical polymerization at high monomer conversion: an ESIâ€MS investigation. Journal of Polymer Science Part A, 2011, 49, 5313-5321.	2.5	84
144	Synthesis of Nanosized (<20â€‰nm) Polymer Particles by Radical Polymerization in Miniemulsion Employing in situ Surfactant Formation. Macromolecular Rapid Communications, 2011, 32, 1669-1675.	2.0	21

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145	Compartmentalization Effects on Bimolecular Termination in Atom Transfer Radical Polymerization in Nanoreactors. Macromolecular Theory and Simulations, 2011, 20, 660-666.	0.6	14
146	Nitroxideâ€Mediated Radical Polymerization of Butyl Acrylate Using TEMPO: Improvement of Control Exploiting Nanoreactors?. Macromolecular Reaction Engineering, 2010, 4, 663-671.	0.9	12
147	Nitroxideâ€Mediated Radical Polymerization in Dispersed Systems: Compartmentalization and Nitroxide Partitioning. Macromolecular Theory and Simulations, 2010, 19, 11-23.	0.6	30
148	Nitroxide-mediated radical polymerization in nanoreactors: Factors influencing compartmentalization effects on bimolecular termination. Polymer, 2010, 51, 6168-6173.	1.8	10
149	Nitroxideâ€mediated radical polymerization of carbon dioxideâ€expanded methyl methacrylate. Journal of Polymer Science Part A, 2010, 48, 5636-5641.	2.5	10
150	Nitroxide-Mediated Radical Polymerization in Nanoreactors: Can Dilution or Increased Nitroxide Concentration Provide Benefits Similar to Compartmentalization?. Australian Journal of Chemistry, 2010, 63, 1195.	0.5	11
151	Controlled/Living ab Initio Emulsion Polymerization via a Glucose RAFTstab: Degradable Cross-Linked Glyco-Particles for Concanavalin A/FimH Conjugations to Cluster E. coli Bacteria. Macromolecules, 2010, 43, 5211-5221.	2.2	134
152	Effect of Monomer Loading and Pressure on Particle Formation in Nitroxide-Mediated Precipitation Polymerization in Supercritical Carbon Dioxide. Macromolecules, 2010, 43, 914-919.	2.2	34
153	Nitroxide-Mediated Radical Polymerization in Miniemulsion On the Basis of in Situ Surfactant Formation without Use of Homogenization Device. Macromolecules, 2010, 43, 5914-5916.	2.2	34
154	Miniemulsion Polymerization Based on Low Energy Emulsification with Preservation of Initial Droplet Identity. Macromolecules, 2010, 43, 7905-7907.	2.2	28
155	Compartmentalization in Atom Transfer Radical Polymerization to High Conversion in Dispersed Systems: Effects of Diffusion-Controlled Reactions. Macromolecules, 2010, 43, 1387-1395.	2.2	37
156	Gelation and Hollow Particle Formation in Nitroxideâ€Mediated Radical Copolymerization of Styrene and Divinylbenzene in Miniemulsion. Macromolecular Chemistry and Physics, 2009, 210, 140-149.	1.1	36
157	Compartmentalization in NMP in Dispersed Systems: Relative Contributions of Confined Space Effect and Segregation Effect Depending on Nitroxide Type. Macromolecular Theory and Simulations, 2009, 18, 277-286.	0.6	34
158	Network formation in nitroxide-mediated radical copolymerization of styrene and divinylbenzene in miniemulsion: Effect of macroinitiator hydrophilicity. Polymer, 2009, 50, 1632-1636.	1.8	17
159	Controlled/living heterogeneous radical polymerization in supercritical carbon dioxide. Journal of Polymer Science Part A, 2009, 47, 3711-3728.	2.5	105
160	Preparation of onion-like multilayered particles comprising mainly poly(iso-butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (methacry	1.8	31
161	Effects of the oilâ€“water interface on network formation in nanogel synthesis using nitroxide-mediated radical copolymerization of styrene/divinylbenzene in miniemulsion. Polymer, 2009, 50, 5661-5667.	1.8	17
162	Compartmentalization in Atom Transfer Radical Polymerization of Styrene in Dispersed Systems: Effects of Target Molecular Weight and Halide End Group. Macromolecules, 2009, 42, 2488-2496.	2.2	45

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163	Nitroxide-Mediated Radical Polymerization of Styrene in Aqueous Microemulsion: Initiator Efficiency, Compartmentalization, and Nitroxide Phase Transfer. Macromolecules, 2009, 42, 6944-6952.	2.2	38
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