Michael J Monteiro

List of Publications by Year
in descending order

248 papers	16,425 citations	12322 69 h-index	18633 119 g-index
259 all docs	259 docs citations	259 times ranked	13027 citing authors

#	Article	IF	Citations
1	Ultrafast Synthesis of Ultrahigh Molar Mass Polymers by Metal-Catalyzed Living Radical Polymerization of Acrylates, Methacrylates, and Vinyl Chloride Mediated by SET at 25 Â°C. Journal of the American Chemical Society, 2006, 128, 14156-14165.	6.6	1,088
2	Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. Nature Nanotechnology, 2011, 6, 39-44.	15.6	781
3	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. Journal of Polymer Science Part A, 2006, 44, 5809-5831.	2.5	429
4	Aqueous Room Temperature Metal-Catalyzed Living Radical Polymerization of Vinyl Chloride. Journal of the American Chemical Society, 2002, 124, 4940-4941.	6.6	412
5	Contact Lens Sensors in Ocular Diagnostics. Advanced Healthcare Materials, 2015, 4, 792-810.	3.9	361
6	Molecular Weight Characterization of Poly(N-isopropylacrylamide) Prepared by Living Free-Radical Polymerization. Macromolecules, 2000, 33, 6738-6745.	2.2	331
7	Intermediate Radical Termination as the Mechanism for Retardation in Reversible Additionâ^'Fragmentation Chain Transfer Polymerization. Macromolecules, 2001, 34, 349-352.	2.2	331
8	Synthesis of 3-Miktoarm Stars and 1st Generation Mikto Dendritic Copolymers by â€œLivingâ€•Radical Polymerization and â€œClickâ€•Chemistry. Journal of the American Chemical Society, 2006, 128, 11360-11361.	6.6	257
9	Cyclic polymers: Methods and strategies. Journal of Polymer Science Part A, 2012, 50, 2085-2097.	2.5	250
10	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.	2.5	240
11	Solvent Choice Differentiates SET-LRP and Cu-Mediated Radical Polymerization with Non-First-Order Kinetics. Macromolecules, 2008, 41, 8360-8364.	2.2	237
12	Living Radical Polymerization in Miniemulsion Using Reversible Additionâ^'Fragmentation Chain Transfer. Macromolecules, 2000, 33, 9239-9246.	2.2	211
13	Dumbbellâ€Shaped Biâ€component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. Angewandte Chemie - International Edition, 2017, 56, 8459-8463.	7.2	204
14	Polymer Nanoparticles via Living Radical Polymerization in Aqueous Dispersions: Design and Applications. Macromolecules, 2012, 45, 4939-4957.	2.2	191
15	The disproportionation of Cu(I)X mediated by ligand and solvent into Cu(0) and Cu(II)X₂ and its implications for SETâ€LRP. Journal of Polymer Science Part A, 2009, 47, 5606-5628.	2.5	188
16	Effect of Cu(0) Particle Size on the Kinetics of SET-LRP in DMSO and Cu-Mediated Radical Polymerization in MeCN at 25 Â°C. Macromolecules, 2008, 41, 8365-8371.	2.2	187
17	N-doped mesoporous carbon spheres as the oxygen reduction reaction catalysts. Journal of Materials Chemistry A, 2014, 2, 18139-18146.	5.2	179
18	Free-Radical Polymerization of Styrene in Emulsion Using a Reversible Additionâ^'Fragmentation Chain Transfer Agent with a Low Transfer Constant:Â Effect on Rate, Particle Size, and Molecular Weight. Macromolecules, 2001, 34, 4416-4423.	2.2	177

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19	Molecular Interaction of Poly(acrylic acid) Gold Nanoparticles with Human Fibrinogen. ACS Nano, 2012, 6, 8962-8969.	7.3	175
20	Dendritic and Hyperbranched Polymers from Macromolecular Units: Elegant Approaches to the Synthesis of Functional Polymers. Macromolecules, 2011, 44, 7067-7087.	2.2	174
21	Cellular Uptake of Densely Packed Polymer Coatings on Gold Nanoparticles. ACS Nano, 2010, 4, 403-413.	7.3	171
22	The influence of RAFT on the rates and molecular weight distributions of styrene in seeded emulsion polymerizations. Journal of Polymer Science Part A, 2000, 38, 3864-3874.	2.5	170
23	An influenza virus-inspired polymer system for the timed release of siRNA. Nature Communications, 2013, 4, 1902.	5.8	155
24	Synthesis of Monocyclic and Linear Polystyrene Using the Reversible Coupling/Cleavage of Thiol/Disulfide Groups. Macromolecules, 2006, 39, 9028-9034.	2.2	152
25	Hierarchical mesoporous yolkâ€“shell structured carbonaceous nanospheres for high performance electrochemical capacitive energy storage. Chemical Communications, 2015, 51, 2518-2521.	2.2	151
26	Polyacrylate Dendrimer Nanoparticles: A Selfâ€Adjuvanting Vaccine Delivery System. Angewandte Chemie - International Edition, 2010, 49, 5742-5745.	7.2	149
27	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC â€œClickâ€•Reactions. Macromolecules, 2010, 43, 3331-3339.	2.2	148
28	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. Macromolecules, 2012, 45, 4606-4622.	2.2	138
29	Living Radical Polymerization by Reversible Additionâ˜Fragmentation Chain Transfer in Ionically Stabilized Miniemulsions. Macromolecules, 2001, 34, 3938-3946.	2.2	137
30	Design strategies for controlling the molecular weight and rate using reversible addition-fragmentation chain transfer mediated living radical polymerization. Journal of Polymer Science Part A, 2005, 43, 3189-3204.	2.5	134
31	A difference of six orders of magnitude: A reply to ?the magnitude of the fragmentation rate coefficient?. Journal of Polymer Science Part A, 2003, 41, 2833-2839.	2.5	131
32	Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using â€œClickâ€•Chemistry Catalyzed by Copper Wire. Macromolecules, 2008, 41, 1057-1060.	2.2	131
33	Thermoresponsive Polymer-Supported <scp>l</scp>-Proline Micelle Catalysts for the Direct Asymmetric Aldol Reaction in Water. ACS Macro Letters, 2013, 2, 327-331.	2.3	128
34	Bimolecular radical termination: New perspectives and insights. Journal of Polymer Science Part A, 2008, 46, 3155-3173.	2.5	124
35	Multifunctional Nanoworms and Nanorods through a One-Step Aqueous Dispersion Polymerization. Journal of the American Chemical Society, 2014, 136, 5824-5827.	6.6	124
36	Kinetic simulation of single electron transferâ€“living radical polymerization of methyl acrylate at 25 Â°C. Journal of Polymer Science Part A, 2007, 45, 1835-1847.	2.5	123

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37	Rapid, Selective, and Reversible Nitroxide Radical Coupling (NRC) Reactions at Ambient Temperature. Macromolecules, 2009, 42, 8218-8227.	2.2	123
38	Stable organic radical polymers: synthesis and applications. Polymer Chemistry, 2016, 7, 5589-5614.	1.9	123
39	Plasma protein binding of positively and negatively charged polymer-coated gold nanoparticles elicits different biological responses. Nanotoxicology, 2013, 7, 314-322.	1.6	122
40	Facile Fabrication of Coreâ€“Shellâ€Structured Ag@Carbon and Mesoporous Yolkâ€“Shellâ€Structured Ag@Carbon@Silica by an Extended StÃ¶ber Method. Chemistry - A European Journal, 2013, 19, 6942-6945.	1.7	122
41	A comparative study of the SET-LRP of oligo(ethylene oxide) methyl ether acrylate in DMSO and in H2O. Polymer Chemistry, 2013, 4, 144-155.	1.9	119
42	Self-Adjuvanting Polymerâ€“Peptide Conjugates As Therapeutic Vaccine Candidates against Cervical Cancer. Biomacromolecules, 2013, 14, 2798-2806.	2.6	112
43	Measurement of Diffusion Coefficients of Oligomeric Penetrants in Rubbery Polymer Matrixes. Macromolecules, 1998, 31, 7835-7844.	2.2	110
44	Reusable, Robust, and Accurate Laser-Generated Photonic Nanosensor. Nano Letters, 2014, 14, 3587-3593.	4.5	103
45	Various polystyrene topologies built from tailored cyclic polystyrene via CuAAC reactions. Chemical Communications, 2010, 46, 7945.	2.2	101
46	Synthesis of butyl acrylate-styrene block copolymers in emulsion by reversible addition-fragmentation chain transfer: Effect of surfactant migration upon film formation. Journal of Polymer Science Part A, 2000, 38, 4206-4217.	2.5	97
47	Functionalized large pore mesoporous silica nanoparticles for gene delivery featuring controlled release and co-delivery. Journal of Materials Chemistry B, 2014, 2, 718-726.	2.9	97
48	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
49	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. Macromolecules, 2008, 41, 76-86.	2.2	93
50	Drug resistance and cancer stem cells: the shared but distinct roles of hypoxiaâ€inducible factors <scp>HIF</scp>1Î± and <scp>HIF</scp>2Î±. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 153-161.	0.9	91
51	Pd-complex driven formation of single-chain nanoparticles. Polymer Chemistry, 2015, 6, 4358-4365.	1.9	90
52	Seeded Emulsion Polymerization of Block Copolymer Coreâ^'Shell Nanoparticles with Controlled Particle Size and Molecular Weight Distribution Using Xanthate-Based RAFT Polymerization. Macromolecules, 2004, 37, 4474-4483.	2.2	89
53	A â€œLivingâ€•Radical ab Initio Emulsion Polymerization of Styrene Using a Fluorinated Xanthate Agent. Macromolecules, 2005, 38, 1538-1541.	2.2	88
54	Influence of the Chemical Structure of MADIX Agents on the RAFT Polymerization of Styrene. Macromolecules, 2003, 36, 2293-2301.	2.2	86

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55	Nanoreactors for Polymerizations and Organic Reactions. Macromolecules, 2010, 43, 1159-1168.	2.2	85
56	Nanoreactors for Aqueous RAFT-Mediated Polymerizations. Macromolecules, 2009, 42, 3884-3886.	2.2	84
57	Self-Catalyzed Degradation of Linear Cationic Poly(2-dimethylaminoethyl acrylate) in Water. Biomacromolecules, 2011, 12, 1876-1882.	2.6	84
58	A Kinetic Investigation of Seeded Emulsion Polymerization of Styrene Using Reversible Additionâ˜'Fragmentation Chain Transfer (RAFT) Agents with a Low Transfer Constant. Macromolecules, 2003, 36, 4309-4318.	2.2	82
59	Accessing Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) via the Reversible Addition Fragmentation Chain Transfer (RAFT) Process. Macromolecular Chemistry and Physics, 2005, 206, 2047-2053.	1.1	82
60	Photonic Nanosensor for Colorimetric Detection of Metal Ions. Analytical Chemistry, 2015, 87, 5101-5108.	3.2	82
61	Original approach to multiblock copolymers via reversible additionâ€“fragmentation chain transfer polymerization. Journal of Polymer Science Part A, 2007, 45, 2334-2340.	2.5	79
62	The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). Polymer Chemistry, 2017, 8, 1815-1823.	1.9	78
63	<scp>PI</scp>3K/Akt/<scp>mTOR</scp> pathway dual inhibitor <scp>BEZ</scp>235 suppresses the stemness of colon cancer stem cells. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1317-1326.	0.9	76
64	Propagation Rate Coefficient of Poly(N-isopropylacrylamide) in Water below Its Lower Critical Solution Temperature. Macromolecules, 2000, 33, 8589-8596.	2.2	75
65	Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 168-173.	1.7	73
66	Synthesis of Soluble Phosphate Polymers by RAFT and Their in Vitro Mineralization.. Biomacromolecules, 2006, 7, 3178-3187.	2.6	71
67	Synthesis of linear and 4â€arm star block copolymers of poly(methyl acrylateâ€bâ€solketal acrylate) by SETâ€LRP at 25 Â°C. Journal of Polymer Science Part A, 2008, 46, 6346-6357.	2.5	71
68	Construction of a 3-Miktoarm Star from Cyclic Polymers. ACS Macro Letters, 2012, 1, 780-783.	2.3	71
69	Complex Polymer Topologies Built from Tailored Multifunctional Cyclic Polymers. Macromolecules, 2014, 47, 4955-4970.	2.2	71
70	A Rapid Electrochemical Method for Determining Rate Coefficients for Copper-Catalyzed Polymerizations. Journal of the American Chemical Society, 2011, 133, 11944-11947.	6.6	70
71	Modeling the molecular weight distribution of block copolymer formation in a reversible addition-fragmentation chain transfer mediated living radical polymerization. Journal of Polymer Science Part A, 2005, 43, 5643-5651.	2.5	69
72	Effect of Impurities in Cumyl Dithiobenzoate on RAFT-Mediated Polymerizations. Macromolecules, 2005, 38, 5352-5355.	2.2	69

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73	Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the â€œClickâ€•Reaction. Macromolecules, 2007, 40, 7056-7059.	2.2	69
74	Characterization of 3- and 4-Arm Stars from Reactions of Poly(butyl acrylate) RAFT and ATRP Precursors. Macromolecules, 2004, 37, 7906-7917.	2.2	68
75	Synthesis and Aggregation Behavior of Four-Arm Star Amphiphilic Block Copolymers in Water. Langmuir, 2006, 22, 9746-9752.	1.6	66
76	A synthetic strategy for carbon nanospheres impregnated with highly monodispersed metal nanoparticles. NPG Asia Materials, 2016, 8, e240-e240.	3.8	66
77	Aqueous SET-LRP catalyzed with â€œin situâ€•generated Cu(0) demonstrates surface mediated activation and bimolecular termination. Polymer Chemistry, 2015, 6, 2084-2097.	1.9	65
78	Formation of hollow MoS2/carbon microspheres for high capacity and high rate reversible alkali-ion storage. Journal of Materials Chemistry A, 2018, 6, 8280-8288.	5.2	62
79	Pyrene-Functionalized PTMA by NRC for Greater Ï€â€“Ï€ Stacking with rGO and Enhanced Electrochemical Properties. ACS Applied Materials & Interfaces, 2017, 9, 34900-34908.	4.0	60
80	Mechanically Driven Reorganization of Thermoresponsive Diblock Copolymer Assemblies in Water. Angewandte Chemie - International Edition, 2011, 50, 8082-8085.	7.2	59
81	Printable Surface Holograms via Laser Ablation. ACS Photonics, 2014, 1, 489-495.	3.2	59
82	Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) in the Gel Regime:Â Accessingkti,iUsing Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. Macromolecules, 2007, 40, 2730-2736.	2.2	56
83	Interaction of Densely Polymer-Coated Gold Nanoparticles with Epithelial Caco-2 Monolayers. Biomacromolecules, 2011, 12, 1339-1348.	2.6	56
84	Synthesis and selfâ€assembly of amphiphilic macrocyclic block copolymer topologies. Journal of Polymer Science Part A, 2011, 49, 4603-4612.	2.5	56
85	Polyacrylate-Based Delivery System for Self-adjuvanting Anticancer Peptide Vaccine. Journal of Medicinal Chemistry, 2015, 58, 888-896.	2.9	56
86	RAFTâ€Mediated Polymerizationâ€”A Story of Incompatible Data?. Macromolecular Rapid Communications, 2010, 31, 1846-1862.	2.0	55
87	Self-Catalyzed Degradable Cationic Polymer for Release of DNA. Biomacromolecules, 2011, 12, 3540-3548.	2.6	55
88	Glass Transition Temperature of Cyclic Stars. ACS Macro Letters, 2014, 3, 1254-1257.	2.3	55
89	Modification of Natural and Artificial Polymer Colloids by â€œTopology-Controlledâ€•Emulsion Polymerization. Biomacromolecules, 2001, 2, 518-525.	2.6	54
90	High Pressure 'Living' Free-Radical Polymerization of Styrene in the Presence of RAFT. Australian Journal of Chemistry, 2002, 55, 433.	0.5	54

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91	The effect of benzyl alcohol on pulsed laser polymerization of styrene and methylmethacrylate. Journal of Polymer Science Part A, 1997, 35, 515-520.	2.5	52
92	A Theoretical Study of Propagation Rate Coefficients for Methacrylonitrile and Acrylonitrile. Macromolecules, 1998, 31, 5175-5187.	2.2	52
93	Cyclic polystyrene topologies via RAFT and CuAAC. Polymer Chemistry, 2012, 3, 2986.	1.9	52
94	Polymer Nanocarrier System for Endosome Escape and Timed Release of siRNA with Complete Gene Silencing and Cell Death in Cancer Cells. Biomacromolecules, 2013, 14, 3386-3389.	2.6	52
95	Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. Advanced Materials, 2006, 18, 582-586.	11.1	51
96	Divergent synthesis and selfâ€assembly of amphiphilic polymeric dendrons with selective degradable linkages. Journal of Polymer Science Part A, 2008, 46, 1533-1547.	2.5	51
97	Nanoreactors to Synthesize Well-defined Polymer Nanoparticles: Decoupling Particle Size from Molecular Weight. Macromolecules, 2010, 43, 9598-9600.	2.2	49
98	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. Macromolecules, 2011, 44, 1747-1751.	2.2	49
99	Sequence Control of Macromers via Iterative Sequential and Exponential Growth. Journal of the American Chemical Society, 2016, 138, 16600-16603.	6.6	49
100	Kinetic Modeling of â€œLivingâ€•and Conventional Free Radical Polymerizations of Methyl Methacrylate in Dilute and Gel Regimes. Macromolecules, 2007, 40, 7171-7179.	2.2	48
101	Synthesis of alkyne functional cyclic polymers by one-pot thiolâ€“ene cyclization. Polymer Chemistry, 2013, 4, 2080.	1.9	47
102	Cellular transport pathways of polymer coated gold nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 8-11.	1.7	46
103	SET-LRP of NIPAM in water via in situ reduction of Cu(<scp>ii</scp>) to Cu(0) with NaBH₄. Polymer Chemistry, 2016, 7, 933-939.	1.9	46
104	Diffusion Controlled Termination of Linear Polystyrene Radicals in Linear, 4-Arm, and 6-Arm Star Polymer Matrices in Dilute, Semidilute, and Concentrated Solution Conditions. Macromolecules, 2008, 41, 727-736.	2.2	45
105	Laser Engineered Graphene Paper for Mass Spectrometry Imaging. Scientific Reports, 2013, 3, 1415.	1.6	44
106	Polymerâ€“peptide hybrids as a highly immunogenic single-dose nanovaccine. Nanomedicine, 2014, 9, 35-43.	1.7	44
107	RAFT-Mediated Emulsion Polymerization of Styrene with Low Reactive Xanthate Agents: Microemulsion-like Behavior. Macromolecules, 2010, 43, 7565-7576.	2.2	41
108	Aqueous reversible additionâ€fragmentation chain transfer dispersion polymerization of thermoresponsive diblock copolymer assemblies: Temperature directed morphology transformations. Journal of Polymer Science Part A, 2012, 50, 4879-4887.	2.5	41

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109	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcoholâ€“water mixtures. Polymer Chemistry, 2016, 7, 3608-3621.	1.9	40
110	Effect of heteroatom and functionality substitution on the oxidation potential of cyclic nitroxide radicals: role of electrostatics in electrochemistry. Physical Chemistry Chemical Physics, 2018, 20, 2606-2614.	1.3	40
111	Timed-Release Polymer Nanoparticles. Biomacromolecules, 2013, 14, 495-502.	2.6	39
112	Derivation of the molecular weight distributions from size exclusion chromatography. European Polymer Journal, 2015, 65, 191-196.	2.6	39
113	Modulating Two Copper(I)-Catalyzed Orthogonal â€œClickâ€•Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 Â°C. Macromolecules, 2011, 44, 4814-4827.	2.2	38
114	Oligonucleotide and Polymer Functionalized Nanoparticles for Amplification-Free Detection of DNA. Biomacromolecules, 2012, 13, 1981-1989.	2.6	38
115	One-Pot Synthesis of Mikto Three-Arm AB₂ Stars Constructed from Linear and Macrocyclic Polymer Chains.. Macromolecules, 2012, 45, 5956-5966.	2.2	37
116	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. Journal of the American Chemical Society, 2020, 142, 15265-15270.	6.6	37
117	Enrichment and Detection of Peptides from Biological Systems Using Designed Periodic Mesoporous Organosilica Microspheres. Small, 2012, 8, 231-236.	5.2	36
118	Narrow molecular weight and particle size distributions of polystyrene 4-arm stars synthesized by RAFT-mediated miniemulsions. Polymer Chemistry, 2013, 4, 592-599.	1.9	36
119	Fine Tuning the Disassembly Time of Thermoresponsive Polymer Nanoparticles.. Biomacromolecules, 2013, 14, 3463-3471.	2.6	36
120	Preparation of Reactive Composite Latexes by â€˜Livingâ€™ Radical Polymerization Using the RAFT Process. A New Class of Polymer Materials. Macromolecular Rapid Communications, 2002, 23, 370-374.	2.0	35
121	Kinetic Simulations of Atom Transfer Radical Polymerization (ATRP) in Light of Chain Length Dependent Termination. Macromolecular Theory and Simulations, 2010, 19, 387-393.	0.6	35
122	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. Journal of Polymer Science Part A, 2010, 48, 2214-2223.	2.5	35
123	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. Australian Journal of Chemistry, 2010, 63, 1227.	0.5	35
124	Directing the pathway of orthogonal â€˜clickâ€™ reactions by modulating copper-catalytic activity. Chemical Communications, 2011, 47, 4165.	2.2	35
125	Insluin and epithelial growth factor (EGF) promote programmed death ligand 1(PD-L1) production and transport in colon cancer stem cells. BMC Cancer, 2019, 19, 153.	1.1	35
126	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of <scp>l</scp>-Lysine-Decorated Polymeric Dendrimers. Macromolecules, 2015, 48, 1688-1702.	2.2	34

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127	Fitting molecular weight distributions using a log-normal distribution model. European Polymer Journal, 2015, 65, 197-201.	2.6	34
128	Multiantigenic peptideâ€“polymer conjugates as therapeutic vaccines against cervical cancer. Bioorganic and Medicinal Chemistry, 2016, 24, 4372-4380.	1.4	34
129	Dumbbellâ€shaped Biâ€component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. Angewandte Chemie, 2017, 129, 8579-8583.	1.6	34
130	Hierarchical Porous Yolkâ€“Shell Carbon Nanosphere for Highâ€Performance Lithiumâ€“Sulfur Batteries. Particle and Particle Systems Characterization, 2017, 34, 1600281.	1.2	34
131	Selfâ€assembly of wellâ€defined amphiphilic polymeric miktoarm stars, dendrons, and dendrimers in water: The effect of architecture. Journal of Polymer Science Part A, 2009, 47, 6292-6303.	2.5	33
132	Temperature-Directed Self-Assembly of Multifunctional Polymeric Tadpoles. Journal of the American Chemical Society, 2015, 137, 15652-15655.	6.6	33
133	Kinetic simulations for cyclization of Î±,Ï‰â€telechelic polymers. Journal of Polymer Science Part A, 2010, 48, 4496-4503.	2.5	32
134	Thermoresponsive Worms for Expansion and Release of Human Embryonic Stem Cells. Biomacromolecules, 2014, 15, 844-855.	2.6	32
135	Conjugated Nitroxide Radical Polymers: Synthesis and Application in Flexible Energy Storage Devices. ACS Applied Materials & Interfaces, 2019, 11, 7096-7103.	4.0	32
136	Effect of Degassing on Surfactant-Free Emulsion Polymerizations of Styrene Mediated with RAFT. Macromolecules, 2006, 39, 904-907.	2.2	31
137	Reversible polymer nanostructures by regulating SDS/PNIPAM binding. Polymer Chemistry, 2013, 4, 233-236.	1.9	30
138	Influence of Constraints within a Cyclic Polymer on Solution Properties. Biomacromolecules, 2018, 19, 616-625.	2.6	30
139	Effect of ambient crosslinking on the mechanical properties and film morphology of PSTY-P(BA-co-AAEMA) reactive composite latexes. European Polymer Journal, 2001, 37, 965-973.	2.6	29
140	Outerâ€sphere electron transfer metalâ€catalyzed polymerization of styrene using a macrobicyclic ligand. Journal of Polymer Science Part A, 2008, 46, 146-154.	2.5	29
141	Synthesis of Cyclic Polymers via Ring Closure. Advances in Polymer Science, 2013, , 295-327.	0.4	29
142	Intracellular Trafficking Pathways for Nuclear Delivery of Plasmid DNA Complexed with Highly Efficient Endosome Escape Polymers. Biomacromolecules, 2014, 15, 3569-3576.	2.6	29
143	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. Polymer Chemistry, 2016, 7, 5930-5942.	1.9	29
144	Acetoneâ€“water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. Polymer Chemistry, 2017, 8, 3102-3123.	1.9	29

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145	RAFT-Mediated Polymerization of Styrene in Readily Biodegradable Ionic Liquids. Macromolecules, 2009, 42, 1604-1609.	2.2	28
146	Copper(II) Complexes of a Hexadentate Mixedâ€Donor N₃S₃ Macrobicyclic Cage: Facile Rearrangements and Interconversions. Chemistry - A European Journal, 2010, 16, 3166-3175.	1.7	28
147	Synergistic inhibition of colon cancer cell growth with nanoemulsion-loaded paclitaxel and PI3K/mTOR dual inhibitor BEZ235 through apoptosis. International Journal of Nanomedicine, 2016, 11, 1947.	3.3	28
148	Novel Approach to Tailoring Molecular Weight Distribution and Structure with a Difunctional RAFT Agent. Macromolecules, 2006, 39, 4966-4974.	2.2	27
149	Shell-crosslinked nanoparticles through self-assembly of thermoresponsive block copolymers by RAFT polymerization. European Polymer Journal, 2009, 45, 2513-2519.	2.6	27
150	The synergistic effect during biphasic SET-LRP in ethanolâ€“nonpolar solventâ€“water mixtures. Polymer Chemistry, 2016, 7, 7230-7241.	1.9	27
151	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrileâ€“water mixtures. Polymer Chemistry, 2017, 8, 3405-3424.	1.9	26
152	Replacing Cu(II)Br₂ with Me₆-TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. Biomacromolecules, 2020, 21, 250-261.	2.6	26
153	Adsorption of Well-Defined Fluorine-Containing Polymers onto Poly(tetrafluoroethylene). Langmuir, 2008, 24, 13075-13083.	1.6	24
154	RAFT-Mediated Emulsion Polymerization of Styrene in Water using a Reactive Polymer Nanoreactor. Australian Journal of Chemistry, 2009, 62, 1528.	0.5	24
155	Self-Adjuvanting Therapeutic Peptide-Based Vaccine Induce CD8⁺ Cytotoxic T Lymphocyte Responses in a Murine Human Papillomavirus Tumor Model. Current Drug Delivery, 2015, 12, 3-8.	0.8	24
156	Searching for efficient SET-LRP systems via biphasic mixtures of water with carbonates, ethers and dipolar aprotic solvents. Polymer Chemistry, 2017, 8, 5865-5874.	1.9	24
157	Segmental Dynamics in Multicyclic Polystyrenes. Macromolecules, 2018, 51, 1488-1497.	2.2	24
158	Molecular-level anchoring of polymer cathodes on carbon nanotubes towards rapid-rate and long-cycle sodium-ion storage. Materials Chemistry Frontiers, 2018, 2, 1805-1810.	3.2	24
159	Controlled radical polymerization of styrene and methyl acrylate in the presence of reversible addition-fragmentation chain transfer agents, phenylethyl phenyl dithioacetate and phenyldithioacetic acid. Journal of Polymer Science Part A, 2005, 43, 5232-5245.	2.5	23
160	RAFT-Mediated Emulsion Polymerization of Styrene using a Non-Ionic Surfactant. Australian Journal of Chemistry, 2006, 59, 728.	0.5	23
161	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP via in situ reduction of Cu(<scp>ii</scp>) with NaBH₄. Polymer Chemistry, 2016, 7, 4802-4809.	1.9	23
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