Michael J Monteiro

List of Publications by Citations

245 papers	14,694 citations	66 h-index	112 g-index
259 ext. papers	15,544 ext. citations	5.7 avg, IF	6.74 L-index

#	Paper	IF	Citations
245	Ultrafast synthesis of ultrahigh molar mass polymers by metal-catalyzed living radical polymerization of acrylates, methacrylates, and vinyl chloride mediated by SET at 25 degrees C. *Journal of the American Chemical Society*, **2006**, 128, 14156-65	16.4	1005
244	Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. *Nature Nanotechnology*, **2011**, 6, 39-44	28.7	685
243	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. *Journal of Polymer Science Part A*, **2006**, 44, 5809-5831	2.5	399
242	Aqueous room temperature metal-catalyzed living radical polymerization of vinyl chloride. *Journal of the American Chemical Society*, **2002**, 124, 4940-1	16.4	391
241	Molecular Weight Characterization of Poly(N-isopropylacrylamide) Prepared by Living Free-Radical Polymerization. *Macromolecules*, **2000**, 33, 6738-6745	5.5	314
240	Intermediate Radical Termination as the Mechanism for Retardation in Reversible Addition Fragmentation Chain Transfer Polymerization. *Macromolecules*, **2001**, 34, 349-352	5.5	305
239	Contact lens sensors in ocular diagnostics. *Advanced Healthcare Materials*, **2015**, 4, 792-810	10.1	277
238	Synthesis of 3-miktoarm stars and 1st generation mikto dendritic copolymers by "living" radical polymerization and "click" chemistry. *Journal of the American Chemical Society*, **2006**, 128, 11360-1	16.4	248
237	Solvent Choice Differentiates SET-LRP and Cu-Mediated Radical Polymerization with Non-First-Order Kinetics. *Macromolecules*, **2008**, 41, 8360-8364	5.5	228
236	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	220
235	Cyclic polymers: Methods and strategies. *Journal of Polymer Science Part A*, **2012**, 50, 2085-2097	2.5	213
234	Living Radical Polymerization in Miniemulsion Using Reversible Addition Fragmentation Chain Transfer. *Macromolecules*, **2000**, 33, 9239-9246	5.5	195
233	The disproportionation of Cu(I)X mediated by ligand and solvent into Cu(0) and Cu(II)X2 and its implications for SET-LRP. *Journal of Polymer Science Part A*, **2009**, 47, 5606-5628	2.5	179
232	Effect of Cu(0) Particle Size on the Kinetics of SET-LRP in DMSO and Cu-Mediated Radical Polymerization in MeCN at 25 °C. *Macromolecules*, **2008**, 41, 8365-8371	5.5	179
231	Polymer Nanoparticles via Living Radical Polymerization in Aqueous Dispersions: Design and Applications. *Macromolecules*, **2012**, 45, 4939-4957	5.5	176
230	N-doped mesoporous carbon spheres as the oxygen reduction reaction catalysts. *Journal of Materials Chemistry A*, **2014**, 2, 18139-18146	13	168
229	Dendritic and Hyperbranched Polymers from Macromolecular Units: Elegant Approaches to the Synthesis of Functional Polymers. *Macromolecules*, **2011**, 44, 7067-7087	5.5	162

228	Free-Radical Polymerization of Styrene in Emulsion Using a Reversible Addition–Fragmentation Chain Transfer Agent with a Low Transfer Constant: Effect on Rate, Particle Size, and Molecular Weight. *Macromolecules*, **2001**, 34, 4416-4423	5.5	160
227	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	156
226	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 8459-8463	16.4	152
225	Molecular interaction of poly(acrylic acid) gold nanoparticles with human fibrinogen. *ACS Nano*, **2012**, 6, 8962-9	16.7	152
224	Cellular uptake of densely packed polymer coatings on gold nanoparticles. *ACS Nano*, **2010**, 4, 403-13	16.7	151
223	Synthesis of Monocyclic and Linear Polystyrene Using the Reversible Coupling/Cleavage of Thiol/Disulfide Groups. *Macromolecules*, **2006**, 39, 9028-9034	5.5	144
222	An influenza virus-inspired polymer system for the timed release of siRNA. *Nature Communications*, **2013**, 4, 1902	17.4	138
221	Hierarchical mesoporous yolk-shell structured carbonaceous nanospheres for high performance electrochemical capacitive energy storage. *Chemical Communications*, **2015**, 51, 2518-21	5.8	136
220	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC "Click" Reactions. *Macromolecules*, **2010**, 43, 3331-3339	5.5	135
219	Polyacrylate dendrimer nanoparticles: a self-adjuvanting vaccine delivery system. *Angewandte Chemie - International Edition*, **2010**, 49, 5742-5	16.4	135
218	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. *Macromolecules*, **2012**, 45, 4606-4622	5.5	133
217	Living Radical Polymerization by Reversible Addition–Fragmentation Chain Transfer in Ionically Stabilized Miniemulsions. *Macromolecules*, **2001**, 34, 3938-3946	5.5	132
216	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	129
215	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	126
214	Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using "Click" Chemistry Catalyzed by Copper Wire. *Macromolecules*, **2008**, 41, 1057-1060	5.5	124
213	Kinetic simulation of single electron transfer–living radical polymerization of methyl acrylate at 25 °C. *Journal of Polymer Science Part A*, **2007**, 45, 1835-1847	2.5	120
212	Rapid, Selective, and Reversible Nitroxide Radical Coupling (NRC) Reactions at Ambient Temperature. *Macromolecules*, **2009**, 42, 8218-8227	5.5	118
211	Facile fabrication of core-shell-structured Ag@carbon and mesoporous yolk-shell-structured Ag@carbon@silica by an extended Stöber method. *Chemistry - A European Journal*, **2013**, 19, 6942-5	4.8	115

210	Bimolecular radical termination: New perspectives and insights. *Journal of Polymer Science Part A*, **2008**, 46, 3155-3173	2.5	112
209	Multifunctional nanoworms and nanorods through a one-step aqueous dispersion polymerization. *Journal of the American Chemical Society*, **2014**, 136, 5824-7	16.4	109
208	Thermoresponsive Polymer-Supported l-Proline Micelle Catalysts for the Direct Asymmetric Aldol Reaction in Water.. *ACS Macro Letters*, **2013**, 2, 327-331	6.6	108
207	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	4.9	105
206	Self-adjuvanting polymer-peptide conjugates as therapeutic vaccine candidates against cervical cancer. *Biomacromolecules*, **2013**, 14, 2798-806	6.9	104
205	Plasma protein binding of positively and negatively charged polymer-coated gold nanoparticles elicits different biological responses. *Nanotoxicology*, **2013**, 7, 314-22	5.3	103
204	Measurement of Diffusion Coefficients of Oligomeric Penetrants in Rubbery Polymer Matrixes. *Macromolecules*, **1998**, 31, 7835-7844	5.5	101
203	Various polystyrene topologies built from tailored cyclic polystyrene via CuAAC reactions. *Chemical Communications*, **2010**, 46, 7945-7	5.8	93
202	Functionalized large pore mesoporous silica nanoparticles for gene delivery featuring controlled release and co-delivery. *Journal of Materials Chemistry B*, **2014**, 2, 718-726	7.3	90
201	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. *Macromolecules*, **2008**, 41, 76-86	5.5	89
200	Reusable, robust, and accurate laser-generated photonic nanosensor. *Nano Letters*, **2014**, 14, 3587-93	11.5	87
199	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	87
198	A "Living" Radical ab Initio Emulsion Polymerization of Styrene Using a Fluorinated Xanthate Agent. *Macromolecules*, **2005**, 38, 1538-1541	5.5	85
197	A Mechanistic Perspective on Solvent Effects in Free-Radical Copolymerization. *Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics*, **1998**, 38, 567-593		85
196	Pd-complex driven formation of single-chain nanoparticles. *Polymer Chemistry*, **2015**, 6, 4358-4365	4.9	84
195	Nanoreactors for Aqueous RAFT-Mediated Polymerizations. *Macromolecules*, **2009**, 42, 3884-3886	5.5	82
194	Seeded Emulsion Polymerization of Block Copolymer Core–Shell Nanoparticles with Controlled Particle Size and Molecular Weight Distribution Using Xanthate-Based RAFT Polymerization. *Macromolecules*, **2004**, 37, 4474-4483	5.5	82
193	Stable organic radical polymers: synthesis and applications. *Polymer Chemistry*, **2016**, 7, 5589-5614	4.9	81

192	Nanoreactors for Polymerizations and Organic Reactions. *Macromolecules*, **2010**, 43, 1159-1168	5.5	79
191	Influence of the Chemical Structure of MADIX Agents on the RAFT Polymerization of Styrene. *Macromolecules*, **2003**, 36, 2293-2301	5.5	79
190	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	2.6	79
189	Self-catalyzed degradation of linear cationic poly(2-dimethylaminoethyl acrylate) in water. *Biomacromolecules*, **2011**, 12, 1876-82	6.9	76
188	A Kinetic Investigation of Seeded Emulsion Polymerization of Styrene Using Reversible Addition–Fragmentation Chain Transfer (RAFT) Agents with a Low Transfer Constant. *Macromolecules*, **2003**, 36, 4309-4318	5.5	75
187	Original approach to multiblock copolymers via reversible addition–fragmentation chain transfer polymerization. *Journal of Polymer Science Part A*, **2007**, 45, 2334-2340	2.5	74
186	Propagation Rate Coefficient of Poly(N-isopropylacrylamide) in Water below Its Lower Critical Solution Temperature. *Macromolecules*, **2000**, 33, 8589-8596	5.5	71
185	Synthesis of linear and 4-arm star block copolymers of poly(methyl acrylate-b-solketal acrylate) by SET-LRP at 25 °C. *Journal of Polymer Science Part A*, **2008**, 46, 6346-6357	2.5	69
184	Effect of Impurities in Cumyl Dithiobenzoate on RAFT-Mediated Polymerizations. *Macromolecules*, **2005**, 38, 5352-5355	5.5	69
183	Photonic nanosensor for colorimetric detection of metal ions. *Analytical Chemistry*, **2015**, 87, 5101-8	7.8	68
182	Synthesis of soluble phosphate polymers by RAFT and their in vitro mineralization. *Biomacromolecules*, **2006**, 7, 3178-87	6.9	68
181	Complex Polymer Topologies Built from Tailored Multifunctional Cyclic Polymers. *Macromolecules*, **2014**, 47, 4955-4970	5.5	67
180	Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2011**, 7, 168-73	6	67
179	Drug resistance and cancer stem cells: the shared but distinct roles of hypoxia-inducible factors HIF1α and HIF2α. *Clinical and Experimental Pharmacology and Physiology*, **2017**, 44, 153-161	3	66
178	Construction of a 3-Miktoarm Star from Cyclic Polymers. *ACS Macro Letters*, **2012**, 1, 780-783	6.6	66
177	Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the "Click" Reaction. *Macromolecules*, **2007**, 40, 7056-7059	5.5	65
176	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	65
175	Characterization of 3- and 4-Arm Stars from Reactions of Poly(butyl acrylate) RAFT and ATRP Precursors. *Macromolecules*, **2004**, 37, 7906-7917	5.5	63

174	Synthesis and aggregation behavior of four-arm star amphiphilic block copolymers in water. *Langmuir*, **2006**, 22, 9746-52	4	62
173	A rapid electrochemical method for determining rate coefficients for copper-catalyzed polymerizations. *Journal of the American Chemical Society*, **2011**, 133, 11944-7	16.4	61
172	Aqueous SET-LRP catalyzed with in situ generated Cu(0) demonstrates surface mediated activation and bimolecular termination. *Polymer Chemistry*, **2015**, 6, 2084-2097	4.9	60
171	A synthetic strategy for carbon nanospheres impregnated with highly monodispersed metal nanoparticles. *NPG Asia Materials*, **2016**, 8, e240-e240	10.3	60
170	PI3K/Akt/mTOR pathway dual inhibitor BEZ235 suppresses the stemness of colon cancer stem cells. *Clinical and Experimental Pharmacology and Physiology*, **2015**, 42, 1317-26	3	58
169	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	13	56
168	Printable Surface Holograms via Laser Ablation. *ACS Photonics*, **2014**, 1, 489-495	6.3	54
167	Synthesis and self-assembly of amphiphilic macrocyclic block copolymer topologies. *Journal of Polymer Science Part A*, **2011**, 49, 4603-4612	2.5	54
166	RAFT-Mediated Polymerization-A Story of Incompatible Data?. *Macromolecular Rapid Communications*, **2010**, 31, 1846-62	4.8	54
165	Mechanically driven reorganization of thermoresponsive diblock copolymer assemblies in water. *Angewandte Chemie - International Edition*, **2011**, 50, 8082-5	16.4	53
164	High Pressure 'Living' Free-Radical Polymerization of Styrene in the Presence of RAFT. *Australian Journal of Chemistry*, **2002**, 55, 433	1.2	52
163	The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). *Polymer Chemistry*, **2017**, 8, 1815-1823	4.9	51
162	Glass Transition Temperature of Cyclic Stars. *ACS Macro Letters*, **2014**, 3, 1254-1257	6.6	50
161	Divergent synthesis and self-assembly of amphiphilic polymeric dendrons with selective degradable linkages. *Journal of Polymer Science Part A*, **2008**, 46, 1533-1547	2.5	50
160	Modification of natural and artificial polymer colloids by "topology-controlled" emulsion polymerization. *Biomacromolecules*, **2001**, 2, 518-25	6.9	50
159	Interaction of densely polymer-coated gold nanoparticles with epithelial Caco-2 monolayers. *Biomacromolecules*, **2011**, 12, 1339-48	6.9	49
158	Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) in the Gel Regime: Accessingkti,iUsing Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. *Macromolecules*, **2007**, 40, 2730-2736	5.5	49
157	Polymer nanocarrier system for endosome escape and timed release of siRNA with complete gene silencing and cell death in cancer cells. *Biomacromolecules*, **2013**, 14, 3386-9	6.9	48

156	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. *Macromolecules*, **2011**, 44, 1747-1751	5.5	48
155	A Theoretical Study of Propagation Rate Coefficients for Methacrylonitrile and Acrylonitrile. *Macromolecules*, **1998**, 31, 5175-5187	5.5	48
154	Pyrene-Functionalized PTMA by NRC for Greater π Stacking with rGO and Enhanced Electrochemical Properties. *ACS Applied Materials & Interfaces*, **2017**, 9, 34900-34908	9.5	47
153	Cyclic polystyrene topologies via RAFT and CuAAC. *Polymer Chemistry*, **2012**, 3, 2986	4.9	47
152	Self-catalyzed degradable cationic polymer for release of DNA. *Biomacromolecules*, **2011**, 12, 3540-8	6.9	47
151	Polyacrylate-based delivery system for self-adjuvanting anticancer peptide vaccine. *Journal of Medicinal Chemistry*, **2015**, 58, 888-96	8.3	46
150	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	46
149	Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. *Advanced Materials*, **2006**, 18, 582-586	24	46
148	Nanoreactors to Synthesize Well-defined Polymer Nanoparticles: Decoupling Particle Size from Molecular Weight. *Macromolecules*, **2010**, 43, 9598-9600	5.5	45
147	Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. *Polymer Chemistry*, **2013**, 4, 2080	4.9	44
146	Kinetic Modeling of "Living" and Conventional Free Radical Polymerizations of Methyl Methacrylate in Dilute and Gel Regimes. *Macromolecules*, **2007**, 40, 7171-7179	5.5	43
145	SET-LRP of NIPAM in water via in situ reduction of Cu(II) to Cu(0) with NaBH4. *Polymer Chemistry*, **2016**, 7, 933-939	4.9	41
144	Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. *Nanomedicine*, **2014**, 9, 35-43	5.6	41
143	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	5.5	41
142	Cellular transport pathways of polymer coated gold nanoparticles. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2012**, 8, 8-11	6	40
141	Sequence Control of Macromers via Iterative Sequential and Exponential Growth. *Journal of the American Chemical Society*, **2016**, 138, 16600-16603	16.4	40
140	Laser engineered graphene paper for mass spectrometry imaging. *Scientific Reports*, **2013**, 3, 1415	4.9	39
139	RAFT-Mediated Emulsion Polymerization of Styrene with Low Reactive Xanthate Agents: Microemulsion-like Behavior. *Macromolecules*, **2010**, 43, 7565-7576	5.5	39

138	Aqueous reversible addition-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	38
137	Oligonucleotide and polymer functionalized nanoparticles for amplification-free detection of DNA. *Biomacromolecules*, **2012**, 13, 1981-9	6.9	38
136	Timed-release polymer nanoparticles. *Biomacromolecules*, **2013**, 14, 495-502	6.9	38
135	Modulating Two Copper(I)-Catalyzed Orthogonal "click" Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 °C. *Macromolecules*, **2011**, 44, 4814-4827	5.5	38
134	One-Pot Synthesis of Mikto Three-Arm AB2 Stars Constructed from Linear and Macrocyclic Polymer Chains.. *Macromolecules*, **2012**, 45, 5956-5966	5.5	37
133	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol–water mixtures. *Polymer Chemistry*, **2016**, 7, 3608-3621	4.9	37
132	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. *Journal of Polymer Science Part A*, **2010**, 48, 2214-2223	2.5	35
131	Fine tuning the disassembly time of thermoresponsive polymer nanoparticles. *Biomacromolecules*, **2013**, 14, 3463-71	6.9	33
130	Directing the pathway of orthogonal 'click' reactions by modulating copper-catalytic activity. *Chemical Communications*, **2011**, 47, 4165-7	5.8	32
129	Hierarchical Porous Yolk–Shell Carbon Nanosphere for High-Performance Lithium–Sulfur Batteries. *Particle and Particle Systems Characterization*, **2017**, 34, 1600281	3.1	31
128	Narrow molecular weight and particle size distributions of polystyrene 4-arm stars synthesized by RAFT-mediated miniemulsions. *Polymer Chemistry*, **2013**, 4, 592-599	4.9	31
127	Enrichment and detection of peptides from biological systems using designed periodic mesoporous organosilica microspheres. *Small*, **2012**, 8, 231-6	11	31
126	Self-assembly of well-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	31
125	Multiantigenic peptide-polymer conjugates as therapeutic vaccines against cervical cancer. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 4372-4380	3.4	31
124	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	3.6	30
123	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. *Australian Journal of Chemistry*, **2010**, 63, 1227	1.2	30
122	Kinetic Simulations of Atom Transfer Radical Polymerization (ATRP) in Light of Chain Length Dependent Termination. *Macromolecular Theory and Simulations*, **2010**, 19, 387-393	1.5	30
121	Preparation of Reactive Composite Latexes by "living" Radical Polymerization Using the RAFT Process. A New Class of Polymer Materials. *Macromolecular Rapid Communications*, **2002**, 23, 370-374	4.8	30

120	Derivation of the molecular weight distributions from size exclusion chromatography. *European Polymer Journal*, **2015**, 65, 191-196	5.2	29
119	Temperature-Directed Self-Assembly of Multifunctional Polymeric Tadpoles. *Journal of the American Chemical Society*, **2015**, 137, 15652-5	16.4	29
118	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of l-Lysine-Decorated Polymeric Dendrimers. *Macromolecules*, **2015**, 48, 1688-1702	5.5	29
117	Reversible polymer nanostructures by regulating SDS/PNIPAM binding. *Polymer Chemistry*, **2013**, 4, 233-236	4.9	29
116	Fitting molecular weight distributions using a log-normal distribution model. *European Polymer Journal*, **2015**, 65, 197-201	5.2	28
115	RAFT-Mediated Polymerization of Styrene in Readily Biodegradable Ionic Liquids. *Macromolecules*, **2009**, 42, 1604-1609	5.5	28
114	Effect of Degassing on Surfactant-Free Emulsion Polymerizations of Styrene Mediated with RAFT. *Macromolecules*, **2006**, 39, 904-907	5.5	28
113	Acetone–water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. *Polymer Chemistry*, **2017**, 8, 3102-3123	4.9	27
112	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. *Polymer Chemistry*, **2016**, 7, 5930-5942	4.9	27
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110	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	5.2	27
109	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. *Journal of the American Chemical Society*, **2020**, 142, 15265-15270	16.4	27
108	Influence of Constraints within a Cyclic Polymer on Solution Properties. *Biomacromolecules*, **2018**, 19, 616-625	6.9	26
107	The synergistic effect during biphasic SET-LRP in ethanol–nonpolar solvent–water mixtures. *Polymer Chemistry*, **2016**, 7, 7230-7241	4.9	26
106	Intracellular trafficking pathways for nuclear delivery of plasmid DNA complexed with highly efficient endosome escape polymers. *Biomacromolecules*, **2014**, 15, 3569-76	6.9	26
105	Shell-crosslinked nanoparticles through self-assembly of thermoresponsive block copolymers by RAFT polymerization. *European Polymer Journal*, **2009**, 45, 2513-2519	5.2	26
104	Copper(II) complexes of a hexadentate mixed-donor N3S3 macrobicyclic cage: facile rearrangements and interconversions. *Chemistry - A European Journal*, **2010**, 16, 3166-75	4.8	26
103	Kinetic simulations for cyclization of ⍺,ω-telechelic polymers. *Journal of Polymer Science Part A*, **2010**, 48, 4496-4503	2.5	26

102	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrile water mixtures. *Polymer Chemistry*, **2017**, 8, 3405-3424	4.9	25
101	Thermoresponsive worms for expansion and release of human embryonic stem cells. *Biomacromolecules*, **2014**, 15, 844-55	6.9	25
100	Synthesis of Cyclic Polymers via Ring Closure. *Advances in Polymer Science*, **2013**, 295-327	1.3	25
99	Novel Approach to Tailoring Molecular Weight Distribution and Structure with a Difunctional RAFT Agent. *Macromolecules*, **2006**, 39, 4966-4974	5.5	24
98	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, 1947-58	7.3	24
97	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. *Angewandte Chemie*, **2017**, 129, 8579-8583	3.6	23
96	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	3.2	23
95	RAFT-Mediated Emulsion Polymerization of Styrene in Water using a Reactive Polymer Nanoreactor. *Australian Journal of Chemistry*, **2009**, 62, 1528	1.2	23
94	Adsorption of well-defined fluorine-containing polymers onto poly(tetrafluoroethylene). *Langmuir*, **2008**, 24, 13075-83	4	23
93	Searching for efficient SET-LRP systems via biphasic mixtures of water with carbonates, ethers and dipolar aprotic solvents. *Polymer Chemistry*, **2017**, 8, 5865-5874	4.9	22
92	Conjugated Nitroxide Radical Polymers: Synthesis and Application in Flexible Energy Storage Devices. *ACS Applied Materials & Interfaces*, **2019**, 11, 7096-7103	9.5	21
91	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	4.8	21
90	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP via in situ reduction of Cu(II) with NaBH4. *Polymer Chemistry*, **2016**, 7, 4802-4809	4.9	21
89	RAFT-Mediated Emulsion Polymerization of Styrene using a Non-Ionic Surfactant. *Australian Journal of Chemistry*, **2006**, 59, 728	1.2	21
88	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	21
87	Versatile synthetic approach to reversible crosslinked polystyrene networks via RAFT polymerization. *Journal of Polymer Science Part A*, **2007**, 45, 4150-4153	2.5	20
86	Living Radical Polymerisation in Emulsion and Miniemulsion111-139		20
85	Retardative chain transfer in free radical free-radical polymerisations of vinyl neo -decanoate in low molecular weight polyisoprene and toluene. *Polymer*, **2001**, 42, 2403-2411	3.9	20

84	Reactions of tert-butoxyl radicals with acyclic ethers studied by the radical trapping technique. *Journal of the Chemical Society Perkin Transactions II*, **1994**, 1071		19
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82	Nanofibrillar thermoreversible micellar microgels. *Soft Matter*, **2013**, 9, 2380	3.6	18
81	Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. *Therapeutic Delivery*, **2016**, 7, 601-9	3.8	18
80	Segmental Dynamics in Multicyclic Polystyrenes. *Macromolecules*, **2018**, 51, 1488-1497	5.5	17
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78	RAFT-Mediated Polymerization in Heterogeneous Systems285-314		15
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