

# Michael J Monteiro

## List of Publications by Year in descending order

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248  
papers

16,425  
citations

12303

69  
h-index

18606

119  
g-index

259  
all docs

259  
docs citations

259  
times ranked

13027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Induced Directed Formation of Anisotropic Kettlebell and Tadpole Nanostructures in the Absence of a Swelling-Induced Solvent. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	3
2	Nonionic Polymer with Flat Upper Critical Solution Temperature Behavior in Water. <i>Biomacromolecules</i> , 2022, 23, 174-181.	2.6	5
3	Ionic Effect on Electrochemical Behavior of Water-Soluble Radical Polyelectrolytes. <i>Macromolecules</i> , 2022, 55, 5733-5743.	2.2	5
4	Triazole-enabled small TEMPO cathodes for lithium-organic batteries. <i>Energy Storage Materials</i> , 2021, 35, 122-129.	9.5	17
5	Unravelling kinetic and mass transport effects on two-electron storage in radical polymer batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13071-13079.	5.2	21
6	Calcium-bisphosphonate Nanoparticle Platform as a Prolonged Nanodrug and Bone-Targeted Delivery System for Bone Diseases and Cancers. <i>ACS Applied Bio Materials</i> , 2021, 4, 2490-2501.	2.3	7
7	Mechanisms of cancer stem cell senescence: Current understanding and future perspectives. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1185-1202.	0.9	16
8	Water-Borne Nanocoating for Rapid Inactivation of SARS-CoV-2 and Other Viruses. <i>ACS Nano</i> , 2021, 15, 14915-14927.	7.3	13
9	Replacing Cu(II)Br <sub>2</sub> with Me <sub>6</sub> -TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. <i>Biomacromolecules</i> , 2020, 21, 250-261.	2.6	26
10	UV-Cross-Linked Polymer Nanostructures with Preserved Asymmetry and Surface Functionality. <i>Biomacromolecules</i> , 2020, 21, 133-142.	2.6	13
11	Temperature-Induced Formation of Uniform Polymer Nanocubes Directly in Water. <i>Biomacromolecules</i> , 2020, 21, 1700-1708.	2.6	5
12	Cancer stemness contributes to cluster formation of colon cancer cells and high metastatic potentials. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 838-847.	0.9	23
13	Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020, 211, 123252.	1.8	11
14	Analysis of cyclic polymer purity by size exclusion chromatography: a model system. <i>Polymer Chemistry</i> , 2020, 11, 7354-7361.	1.9	9
15	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 15265-15270.	6.6	37
16	Polymer Colloids: Synthesis Fundamentals to Applications. <i>Biomacromolecules</i> , 2020, 21, 4377-4378.	2.6	2
17	Precise and Accelerated Polymer Synthesis via Mixed-Ligand and Mixed-RAFT Agents. <i>CheM</i> , 2020, 6, 1203-1204.	5.8	3
18	Therapeutic Delivery of Polymeric Tadpole Nanostructures with High Selectivity to Triple Negative Breast Cancer Cells. <i>Biomacromolecules</i> , 2020, 21, 4457-4468.	2.6	14

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19	Programmable Disassembly of Polymer Nanoparticles through Surfactant Interactions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 21003-21013.	1.8	6
20	Conjugated Nitroxide Radical Polymers: Synthesis and Application in Flexible Energy Storage Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7096-7103.	4.0	32
21	Fibronectin-conjugated thermoresponsive nanobridges generate three dimensional human pluripotent stem cell cultures for differentiation towards the neural lineages. <i>Stem Cell Research</i> , 2019, 38, 101441.	0.3	5
22	GRGD $\alpha$ -decorated three-dimensional nanoworm hydrogels for culturing human embryonic stem cells. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1956-1963.	2.5	6
23	Insluin and epithelial growth factor (EGF) promote programmed death ligand 1 (PD-L1) production and transport in colon cancer stem cells. <i>BMC Cancer</i> , 2019, 19, 153.	1.1	35
24	Biodistribution of PNIPAM-Coated Nanostructures Synthesized by the TDMT Method. <i>Biomacromolecules</i> , 2019, 20, 625-634.	2.6	15
25	Segmental Dynamics in Multicyclic Polystyrenes. <i>Macromolecules</i> , 2018, 51, 1488-1497.	2.2	24
26	Influence of Constraints within a Cyclic Polymer on Solution Properties. <i>Biomacromolecules</i> , 2018, 19, 616-625.	2.6	30
27	Effect of heteroatom and functionality substitution on the oxidation potential of cyclic nitroxide radicals: role of electrostatics in electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2606-2614.	1.3	40
28	Methods for Expansion of Three-Dimensional Cultures of Human Embryonic Stem Cells Using a Thermoresponsive Polymer. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 146-157.	1.1	6
29	Formation of hollow MoS <sub>2</sub> /carbon microspheres for high capacity and high rate reversible alkali-ion storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8280-8288.	5.2	62
30	An In-Depth Analysis of the Last Twenty Years About IPv6 Security. , 2018, , .		3
31	Uniform Symmetric and Asymmetric Polymer Nanostructures via Directed Chain Organization. <i>Biomacromolecules</i> , 2018, 19, 4703-4709.	2.6	15
32	Viscoelastic Properties of Unentangled Multicyclic Polystyrenes. <i>Polymers</i> , 2018, 10, 973.	2.0	9
33	Order from disorder through dissipation of free energy. <i>Nature Nanotechnology</i> , 2018, 13, 771-772.	15.6	8
34	Molecular-level anchoring of polymer cathodes on carbon nanotubes towards rapid-rate and long-cycle sodium-ion storage. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1805-1810.	3.2	24
35	Electron Microscopy Imaging of Zinc Soaps Nucleation in Oil Paint. <i>Microscopy and Microanalysis</i> , 2018, 24, 318-322.	0.2	17
36	Liposomal formulation of polyacrylate-peptide conjugate as a new vaccine candidate against cervical cancer. <i>Precision Nanomedicine</i> , 2018, 1, 183-193.	0.4	8

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37	Investigating the affinity of poly( <i>tert</i> -butyl acrylate toward Toll-Like Receptor 2. <i>AIMS Allergy and Immunology</i> , 2018, 2, 141-147.	0.3	6
38	The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). <i>Polymer Chemistry</i> , 2017, 8, 1815-1823.	1.9	78
39	Dumbbell-Shaped Bicomponent Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 8579-8583.	1.6	34
40	Dumbbell-Shaped Bicomponent Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8459-8463.	7.2	204
41	Acetone-water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017, 8, 3102-3123.	1.9	29
42	The stirring rate provides a dramatic acceleration of the ultrafast interfacial SET-LRP in biphasic acetonitrile-water mixtures. <i>Polymer Chemistry</i> , 2017, 8, 3405-3424.	1.9	26
43	Hierarchical Porous Yolk-Shell Carbon Nanosphere for High-Performance Lithium-Sulfur Batteries. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600281.	1.2	34
44	Pyrene-Functionalized PTMA by NRC for Greater $\pi$ - $\pi$ Stacking with rGO and Enhanced Electrochemical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 34900-34908.	4.0	60
45	Temperature-Directed Assembly of Stacked Toroidal Nanorattles. <i>ACS Macro Letters</i> , 2017, 6, 1223-1227.	2.3	22
46	Densely Packed Multicyclic Polymers. <i>ACS Macro Letters</i> , 2017, 6, 1036-1041.	2.3	15
47	Temperature-Directed Self-Assembly: from Tadpole to Multi-Arm Polymer Nanostructures Directly in Water. <i>ACS Macro Letters</i> , 2017, 6, 1047-1051.	2.3	14
48	Searching for efficient SET-LRP systems via biphasic mixtures of water with carbonates, ethers and dipolar aprotic solvents. <i>Polymer Chemistry</i> , 2017, 8, 5865-5874.	1.9	24
49	Conditions for multicompartment polymeric tadpoles via temperature directed self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 5286-5294.	1.9	9
50	Drug resistance and cancer stem cells: the shared but distinct roles of hypoxia-inducible factors $HIF-1\alpha$ and $HIF-2\alpha$ . <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 153-161.	0.9	91
51	Synergistic inhibition of colon cancer cell growth with nanoemulsion-loaded paclitaxel and PI3K/mTOR dual inhibitor BEZ235 through apoptosis. <i>International Journal of Nanomedicine</i> , 2016, 11, 1947.	3.3	28
52	Sequence Control of Macromers via Iterative Sequential and Exponential Growth. <i>Journal of the American Chemical Society</i> , 2016, 138, 16600-16603.	6.6	49
53	Characterization of hetero-block copolymers by the log-normal distribution model. <i>Polymer Chemistry</i> , 2016, 7, 2992-3002.	1.9	7
54	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 3608-3621.	1.9	40

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55	Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. <i>Therapeutic Delivery</i> , 2016, 7, 601-609.	1.2	21
56	Precise grafting of macrocyclics and dendrons to a linear polymer chain. <i>Polymer Chemistry</i> , 2016, 7, 6598-6607.	1.9	9
57	RAFT-mediated emulsion polymerization of styrene with a thermoresponsive MacroCTA. <i>Polymer</i> , 2016, 106, 200-207.	1.8	10
58	Multiantigenic peptide-polymer conjugates as therapeutic vaccines against cervical cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4372-4380.	1.4	34
59	Stable organic radical polymers: synthesis and applications. <i>Polymer Chemistry</i> , 2016, 7, 5589-5614.	1.9	123
60	Yolk-Shell-Structured Nanoparticles: Synthesis, Surface Functionalization, and Their Applications in Nanomedicine. , 2016, , 61-106.		0
61	Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. <i>Polymer Chemistry</i> , 2016, 7, 5930-5942.	1.9	29
62	The synergistic effect during biphasic SET-LRP in ethanol-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 7230-7241.	1.9	27
63	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP <i>via in situ</i> reduction of Cu(II) with NaBH <sub>4</sub> . <i>Polymer Chemistry</i> , 2016, 7, 4802-4809.	1.9	23
64	SET-LRP of NIPAM in water <i>via in situ</i> reduction of Cu(II) to Cu(0) with NaBH <sub>4</sub> . <i>Polymer Chemistry</i> , 2016, 7, 933-939.	1.9	46
65	A synthetic strategy for carbon nanospheres impregnated with highly monodispersed metal nanoparticles. <i>NPG Asia Materials</i> , 2016, 8, e240-e240.	3.8	66
66	Peptidomimetic Star Polymers for Targeting Biological Ion Channels. <i>PLoS ONE</i> , 2016, 11, e0152169.	1.1	5
67	PI3K/Akt/mTOR pathway dual inhibitor BEZ235 suppresses the stemness of colon cancer stem cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1317-1326.	0.9	76
68	Temperature-Directed Self-Assembly of Multifunctional Polymeric Tadpoles. <i>Journal of the American Chemical Society</i> , 2015, 137, 15652-15655.	6.6	33
69	Intracellular trafficking pathways for plasmid DNA complexed with highly efficient endosome escape polymers. <i>BMC Proceedings</i> , 2015, 9, .	1.8	2
70	Self-Adjuvanting Therapeutic Peptide-Based Vaccine Induce CD8 <sup>+</sup> Cytotoxic T Lymphocyte Responses in a Murine Human Papillomavirus Tumor Model. <i>Current Drug Delivery</i> , 2015, 12, 3-8.	0.8	24
71	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of L-Lysine-Decorated Polymeric Dendrimers. <i>Macromolecules</i> , 2015, 48, 1688-1702.	2.2	34
72	An EGFR targeting nanoparticle self assembled from a thermoresponsive polymer. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1222-1229.	1.6	13

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73	Fitting molecular weight distributions using a log-normal distribution model. <i>European Polymer Journal</i> , 2015, 65, 197-201.	2.6	34
74	Photonic Nanosensor for Colorimetric Detection of Metal Ions. <i>Analytical Chemistry</i> , 2015, 87, 5101-5108.	3.2	82
75	Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 4358-4365.	1.9	90
76	Aqueous SET-LRP catalyzed with <i>in situ</i> -generated Cu(0) demonstrates surface mediated activation and bimolecular termination. <i>Polymer Chemistry</i> , 2015, 6, 2084-2097.	1.9	65
77	Temperature-Induced Gels from Worms Made by RAFT-Mediated Emulsion Polymerization. <i>ACS Symposium Series</i> , 2015, , 79-90.	0.5	3
78	Contact Lens Sensors in Ocular Diagnostics. <i>Advanced Healthcare Materials</i> , 2015, 4, 792-810.	3.9	361
79	Polyacrylate-Based Delivery System for Self-adjuvanting Anticancer Peptide Vaccine. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 888-896.	2.9	56
80	Hierarchical mesoporous yolk-shell structured carbonaceous nanospheres for high performance electrochemical capacitive energy storage. <i>Chemical Communications</i> , 2015, 51, 2518-2521.	2.2	151
81	Derivation of the molecular weight distributions from size exclusion chromatography. <i>European Polymer Journal</i> , 2015, 65, 191-196.	2.6	39
82	Glass Transition Temperature of Cyclic Stars. <i>ACS Macro Letters</i> , 2014, 3, 1254-1257.	2.3	55
83	Nanoparticles of Well-Defined 4-Arm Stars made using Nanoreactors in Water. <i>Macromolecular Rapid Communications</i> , 2014, 35, 193-197.	2.0	9
84	Multifunctional Nanoworms and Nanorods through a One-Step Aqueous Dispersion Polymerization. <i>Journal of the American Chemical Society</i> , 2014, 136, 5824-5827.	6.6	124
85	Functionalized large pore mesoporous silica nanoparticles for gene delivery featuring controlled release and co-delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 718-726.	2.9	97
86	Printable Surface Holograms via Laser Ablation. <i>ACS Photonics</i> , 2014, 1, 489-495.	3.2	59
87	Interaction of Human Arylamine <i>N</i> -Acetyltransferase 1 with Different Nanomaterials. <i>Drug Metabolism and Disposition</i> , 2014, 42, 377-383.	1.7	16
88	Reusable, Robust, and Accurate Laser-Generated Photonic Nanosensor. <i>Nano Letters</i> , 2014, 14, 3587-3593.	4.5	103
89	N-doped mesoporous carbon spheres as the oxygen reduction reaction catalysts. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18139-18146.	5.2	179
90	Timed-release polymers as novel transfection reagents. <i>Polymer Chemistry</i> , 2014, 5, 3372-3378.	1.9	6

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91	Intracellular Trafficking Pathways for Nuclear Delivery of Plasmid DNA Complexed with Highly Efficient Endosome Escape Polymers. <i>Biomacromolecules</i> , 2014, 15, 3569-3576.	2.6	29
92	Complex Polymer Topologies Built from Tailored Multifunctional Cyclic Polymers. <i>Macromolecules</i> , 2014, 47, 4955-4970.	2.2	71
93	Thermoresponsive Worms for Expansion and Release of Human Embryonic Stem Cells. <i>Biomacromolecules</i> , 2014, 15, 844-855.	2.6	32
94	Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. <i>Nanomedicine</i> , 2014, 9, 35-43.	1.7	44
95	Plasma protein binding of positively and negatively charged polymer-coated gold nanoparticles elicits different biological responses. <i>Nanotoxicology</i> , 2013, 7, 314-322.	1.6	122
96	Facile Fabrication of Core-Shell Structured Ag@Carbon and Mesoporous Yolk-Shell Structured Ag@Carbon@Silica by an Extended Stober Method. <i>Chemistry - A European Journal</i> , 2013, 19, 6942-6945.	1.7	122
97	Self-Adjuvanting Polymer-Peptide Conjugates As Therapeutic Vaccine Candidates against Cervical Cancer. <i>Biomacromolecules</i> , 2013, 14, 2798-2806.	2.6	112
98	Polymer Nanocarrier System for Endosome Escape and Timed Release of siRNA with Complete Gene Silencing and Cell Death in Cancer Cells. <i>Biomacromolecules</i> , 2013, 14, 3386-3389.	2.6	52
99	A comparative study of the SET-LRP of oligo(ethylene oxide) methyl ether acrylate in DMSO and in H <sub>2</sub> O. <i>Polymer Chemistry</i> , 2013, 4, 144-155.	1.9	119
100	Narrow molecular weight and particle size distributions of polystyrene 4-arm stars synthesized by RAFT-mediated miniemulsions. <i>Polymer Chemistry</i> , 2013, 4, 592-599.	1.9	36
101	Nanofibrillar thermoreversible micellar microgels. <i>Soft Matter</i> , 2013, 9, 2380.	1.2	18
102	Thermoresponsive Polymer-Supported $\alpha$ -Proline Micelle Catalysts for the Direct Asymmetric Aldol Reaction in Water. <i>ACS Macro Letters</i> , 2013, 2, 327-331.	2.3	128
103	Living Radical Polymerisation in Emulsion and Miniemulsion. , 2013, , 105-143.		3
104	Timed-Release Polymer Nanoparticles. <i>Biomacromolecules</i> , 2013, 14, 495-502.	2.6	39
105	An influenza virus-inspired polymer system for the timed release of siRNA. <i>Nature Communications</i> , 2013, 4, 1902.	5.8	155
106	Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. <i>Polymer Chemistry</i> , 2013, 4, 2080.	1.9	47
107	Fine Tuning the Disassembly Time of Thermoresponsive Polymer Nanoparticles.. <i>Biomacromolecules</i> , 2013, 14, 3463-3471.	2.6	36
108	Polyacrylamide hydrogel membranes with controlled pore sizes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 129-138.	2.5	16

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109	Reversible polymer nanostructures by regulating SDS/PNIPAM binding. <i>Polymer Chemistry</i> , 2013, 4, 233-236.	1.9	30
110	Synthesis of Cyclic Polymers via Ring Closure. <i>Advances in Polymer Science</i> , 2013, , 295-327.	0.4	29
111	Laser Engineered Graphene Paper for Mass Spectrometry Imaging. <i>Scientific Reports</i> , 2013, 3, 1415.	1.6	44
112	Molecular Interaction of Poly(acrylic acid) Gold Nanoparticles with Human Fibrinogen. <i>ACS Nano</i> , 2012, 6, 8962-8969.	7.3	175
113	One-Pot Synthesis of Mikto Three-Arm AB <sub>2</sub> Stars Constructed from Linear and Macrocylic Polymer Chains.. <i>Macromolecules</i> , 2012, 45, 5956-5966.	2.2	37
114	Cyclic polystyrene topologies via RAFT and CuAAC. <i>Polymer Chemistry</i> , 2012, 3, 2986.	1.9	52
115	Construction of a 3-Miktoarm Star from Cyclic Polymers. <i>ACS Macro Letters</i> , 2012, 1, 780-783.	2.3	71
116	Influence of the Zn group on the RAFT-mediated polymerizations in nanoreactors. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4762-4771.	2.5	6
117	Aqueous reversible addition-fragmentation chain transfer dispersion polymerization of thermoresponsive diblock copolymer assemblies: Temperature directed morphology transformations. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4879-4887.	2.5	41
118	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. <i>Macromolecules</i> , 2012, 45, 4606-4622.	2.2	138
119	Effect of polymer grafting density on silica nanoparticle toxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6862-6869.	1.4	17
120	Oligonucleotide and Polymer Functionalized Nanoparticles for Amplification-Free Detection of DNA. <i>Biomacromolecules</i> , 2012, 13, 1981-1989.	2.6	38
121	Heck Reactions in Aqueous Miniemulsions. <i>Australian Journal of Chemistry</i> , 2012, 65, 1090.	0.5	3
122	Enrichment and Detection of Peptides from Biological Systems Using Designed Periodic Mesoporous Organosilica Microspheres. <i>Small</i> , 2012, 8, 231-236.	5.2	36
123	Cyclic polymers: Methods and strategies. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2085-2097.	2.5	250
124	Polymer Nanoparticles via Living Radical Polymerization in Aqueous Dispersions: Design and Applications. <i>Macromolecules</i> , 2012, 45, 4939-4957.	2.2	191
125	Kinetic Simulations of RAFT-Mediated Microemulsion Polymerizations of Styrene. <i>ACS Symposium Series</i> , 2012, , 293-304.	0.5	1
126	Cellular transport pathways of polymer coated gold nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 8-11.	1.7	46



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127	Development of encoded particle-polymer arrays for the accelerated screening of antifouling layers. <i>Chemical Communications</i> , 2011, 47, 9687.	2.2	5
128	Directing the pathway of orthogonal $\text{\AA}^{\text{click}}^{\text{TM}}$ reactions by modulating copper-catalytic activity. <i>Chemical Communications</i> , 2011, 47, 4165.	2.2	35
129	A Rapid Electrochemical Method for Determining Rate Coefficients for Copper-Catalyzed Polymerizations. <i>Journal of the American Chemical Society</i> , 2011, 133, 11944-11947.	6.6	70
130	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. <i>Macromolecules</i> , 2011, 44, 1747-1751.	2.2	49
131	Modulating Two Copper(I)-Catalyzed Orthogonal $\text{\AA}^{\text{click}}^{\text{TM}}$ Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 $\text{\AA}^{\circ}\text{C}$ . <i>Macromolecules</i> , 2011, 44, 4814-4827.	2.2	38
132	Self-Catalyzed Degradation of Linear Cationic Poly(2-dimethylaminoethyl acrylate) in Water. <i>Biomacromolecules</i> , 2011, 12, 1876-1882.	2.6	84
133	Self-Catalyzed Degradable Cationic Polymer for Release of DNA. <i>Biomacromolecules</i> , 2011, 12, 3540-3548.	2.6	55
134	Interaction of Densely Polymer-Coated Gold Nanoparticles with Epithelial Caco-2 Monolayers. <i>Biomacromolecules</i> , 2011, 12, 1339-1348.	2.6	56
135	Dendritic and Hyperbranched Polymers from Macromolecular Units: Elegant Approaches to the Synthesis of Functional Polymers. <i>Macromolecules</i> , 2011, 44, 7067-7087.	2.2	174
136	Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. <i>Nature Nanotechnology</i> , 2011, 6, 39-44.	15.6	781
137	Modulating catalytic activity of polymer-based $\text{\AA}^{\text{click}}^{\text{TM}}$ reactions. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4539-4548.	2.5	12
138	Synthesis and self-assembly of amphiphilic macrocyclic block copolymer topologies. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4603-4612.	2.5	56
139	Mechanically Driven Reorganization of Thermoresponsive Diblock Copolymer Assemblies in Water. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8082-8085.	7.2	59
140	Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 168-173.	1.7	73
141	Metal-binding particles alleviate lead and zinc toxicity during seed germination of metallophyte grass <i>Astrebala lappacea</i> . <i>Journal of Hazardous Materials</i> , 2011, 190, 772-779.	6.5	7
142	Functionalization of Polymer Nanoparticles Formed by Microemulsion RAFT-Mediated Polymerization. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 257-263.	0.9	11
143	Copper(II) Complexes of a Hexadentate Mixed-Donor $\text{N}_{3}\text{S}_{3}$ Macrobicyclic Cage: Facile Rearrangements and Interconversions. <i>Chemistry - A European Journal</i> , 2010, 16, 3166-3175.	1.7	28
144	Polyacrylate Dendrimer Nanoparticles: A Self-Adjuvanting Vaccine Delivery System. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5742-5745.	7.2	149

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145	RAFT-Mediated Polymerization—A Story of Incompatible Data?. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1846-1862.	2.0	55
146	Kinetic Simulations of Atom Transfer Radical Polymerization (ATRP) in Light of Chain Length Dependent Termination. <i>Macromolecular Theory and Simulations</i> , 2010, 19, 387-393.	0.6	35
147	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2214-2223.	2.5	35
148	Kinetic simulations for cyclization of telechelic polymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4496-4503.	2.5	32
149	Cellular Uptake of Densely Packed Polymer Coatings on Gold Nanoparticles. <i>ACS Nano</i> , 2010, 4, 403-413.	7.3	171
150	RAFT-Mediated Emulsion Polymerization of Styrene with Low Reactive Xanthate Agents: Microemulsion-like Behavior. <i>Macromolecules</i> , 2010, 43, 7565-7576.	2.2	41
151	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC—Click-Reactions. <i>Macromolecules</i> , 2010, 43, 3331-3339.	2.2	148
152	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. <i>Australian Journal of Chemistry</i> , 2010, 63, 1227.	0.5	35
153	Methyl acrylate polymerizations in the presence of a copper(II) macrobicyclic cage in DMSO at 25 °C. <i>Polymer Chemistry</i> , 2010, 1, 207-212.	1.9	6
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