

Michael J Monteiro

List of Publications by Year in descending order

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248
papers

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12330
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times ranked

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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, , .	13.8	3
2	Nonionic Polymer with Flat Upper Critical Solution Temperature Behavior in Water. <i>Biomacromolecules</i> , 2022, 23, 174-181.	5.4	5
3	Ionic Effect on Electrochemical Behavior of Water-Soluble Radical Polyelectrolytes. <i>Macromolecules</i> , 2022, 55, 5733-5743.	4.8	5
4	Triazole-enabled small TEMPO cathodes for lithium-organic batteries. <i>Energy Storage Materials</i> , 2021, 35, 122-129.	18.0	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.	10.3	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.	4.6	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.	1.9	16
8	Water-Borne Nanocoating for Rapid Inactivation of SARS-CoV-2 and Other Viruses. <i>ACS Nano</i> , 2021, 15, 14915-14927.	14.6	13
9	Replacing Cu(II)Br ₂ with Me ₆ -TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. <i>Biomacromolecules</i> , 2020, 21, 250-261.	5.4	26
10	UV-Cross-Linked Polymer Nanostructures with Preserved Asymmetry and Surface Functionality. <i>Biomacromolecules</i> , 2020, 21, 133-142.	5.4	13
11	Temperature-Induced Formation of Uniform Polymer Nanocubes Directly in Water. <i>Biomacromolecules</i> , 2020, 21, 1700-1708.	5.4	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.	1.9	23
13	Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020, 211, 123252.	3.8	11
14	Analysis of cyclic polymer purity by size exclusion chromatography: a model system. <i>Polymer Chemistry</i> , 2020, 11, 7354-7361.	3.9	9
15	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 15265-15270.	13.7	37
16	Polymer Colloids: Synthesis Fundamentals to Applications. <i>Biomacromolecules</i> , 2020, 21, 4377-4378.	5.4	2
17	Precise and Accelerated Polymer Synthesis via Mixed-Ligand and Mixed-RAFT Agents. <i>CheM</i> , 2020, 6, 1203-1204.	11.7	3
18	Therapeutic Delivery of Polymeric Tadpole Nanostructures with High Selectivity to Triple Negative Breast Cancer Cells. <i>Biomacromolecules</i> , 2020, 21, 4457-4468.	5.4	14

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19	Programmable Disassembly of Polymer Nanoparticles through Surfactant Interactions. Industrial & Engineering Chemistry Research, 2019, 58, 21003-21013.	3.7	6
20	Conjugated Nitroxide Radical Polymers: Synthesis and Application in Flexible Energy Storage Devices. ACS Applied Materials & Interfaces, 2019, 11, 7096-7103.	8.0	32
21	Fibronectin-conjugated thermoresponsive nanobridges generate three dimensional human pluripotent stem cell cultures for differentiation towards the neural lineages. Stem Cell Research, 2019, 38, 101441.	0.7	5
22	GRGD ϵ -decorated three-dimensional nanoworm hydrogels for culturing human embryonic stem cells. Journal of Polymer Science Part A, 2019, 57, 1956-1963.	2.3	6
23	Insulin 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.	2.6	35
24	Biodistribution of PNIPAM-Coated Nanostructures Synthesized by the TDMT Method. Biomacromolecules, 2019, 20, 625-634.	5.4	15
25	Segmental Dynamics in Multicyclic Polystyrenes. Macromolecules, 2018, 51, 1488-1497.	4.8	24
26	Influence of Constraints within a Cyclic Polymer on Solution Properties. Biomacromolecules, 2018, 19, 616-625.	5.4	30
27	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.	2.8	40
28	Methods for Expansion of Three-Dimensional Cultures of Human Embryonic Stem Cells Using a Thermoresponsive Polymer. Tissue Engineering - Part C: Methods, 2018, 24, 146-157.	2.1	6
29	Formation of hollow MoS ₂ /carbon microspheres for high capacity and high rate reversible alkali-ion storage. Journal of Materials Chemistry A, 2018, 6, 8280-8288.	10.3	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. Biomacromolecules, 2018, 19, 4703-4709.	5.4	15
32	Viscoelastic Properties of Unentangled Multicyclic Polystyrenes. Polymers, 2018, 10, 973.	4.5	9
33	Order from disorder through dissipation of free energy. Nature Nanotechnology, 2018, 13, 771-772.	31.5	8
34	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.	5.9	24
35	Electron Microscopy Imaging of Zinc Soaps Nucleation in Oil Paint. Microscopy and Microanalysis, 2018, 24, 318-322.	0.4	17
36	Liposomal formulation of polyacrylate-peptide conjugate as a new vaccine candidate against cervical cancer. Precision Nanomedicine, 2018, 1, 183-193.	0.8	8

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37	Investigating the affinity of poly(ϵ -tert-butyl acrylate toward Toll-Like Receptor 2. <i>AIMS Allergy and Immunology</i> , 2018, 2, 141-147.	0.5	6
38	The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). <i>Polymer Chemistry</i> , 2017, 8, 1815-1823.	3.9	78
39	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 8579-8583.	2.0	34
40	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8459-8463.	13.8	204
41	Acetone-water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017, 8, 3102-3123.	3.9	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.	3.9	26
43	Hierarchical Porous Yolk-Shell Carbon Nanosphere for High-Performance Lithium-Sulfur Batteries. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600281.	2.3	34
44	Pyrene-Functionalized PTMA by NRC for Greater π - π Stacking with rGO and Enhanced Electrochemical Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34900-34908.	8.0	60
45	Temperature-Directed Assembly of Stacked Toroidal Nanorattles. <i>ACS Macro Letters</i> , 2017, 6, 1223-1227.	4.8	22
46	Densely Packed Multicyclic Polymers. <i>ACS Macro Letters</i> , 2017, 6, 1036-1041.	4.8	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.	4.8	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.	3.9	24
49	Conditions for multicompartiment polymeric tadpoles via temperature directed self-assembly. <i>Polymer Chemistry</i> , 2017, 8, 5286-5294.	3.9	9
50	Drug resistance and cancer stem cells: the shared but distinct roles of hypoxia-inducible factors $\text{HIF}1\alpha$ and $\text{HIF}2\alpha$. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 153-161.	1.9	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.	6.7	28
52	Sequence Control of Macromers via Iterative Sequential and Exponential Growth. <i>Journal of the American Chemical Society</i> , 2016, 138, 16600-16603.	13.7	49
53	Characterization of hetero-block copolymers by the log-normal distribution model. <i>Polymer Chemistry</i> , 2016, 7, 2992-3002.	3.9	7
54	Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol-water mixtures. <i>Polymer Chemistry</i> , 2016, 7, 3608-3621.	3.9	40

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55	Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. Therapeutic Delivery, 2016, 7, 601-609.	2.2	21
56	Precise grafting of macrocyclics and dendrons to a linear polymer chain. Polymer Chemistry, 2016, 7, 6598-6607.	3.9	9
57	RAFT-mediated emulsion polymerization of styrene with a thermoresponsive MacroCTA. Polymer, 2016, 106, 200-207.	3.8	10
58	Multiantigenic peptide-polymer conjugates as therapeutic vaccines against cervical cancer. Bioorganic and Medicinal Chemistry, 2016, 24, 4372-4380.	3.0	34
59	Stable organic radical polymers: synthesis and applications. Polymer Chemistry, 2016, 7, 5589-5614.	3.9	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. Polymer Chemistry, 2016, 7, 5930-5942.	3.9	29
62	The synergistic effect during biphasic SET-LRP in ethanol-nonpolar solvent-water mixtures. Polymer Chemistry, 2016, 7, 7230-7241.	3.9	27
63	Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP <i>via in situ</i> reduction of Cu(II) with NaBH ₄ . Polymer Chemistry, 2016, 7, 4802-4809.	3.9	23
64	SET-LRP of NIPAM in water <i>via in situ</i> reduction of Cu(II) to Cu(0) with NaBH ₄ . Polymer Chemistry, 2016, 7, 933-939.	3.9	46
65	A synthetic strategy for carbon nanospheres impregnated with highly monodispersed metal nanoparticles. NPC Asia Materials, 2016, 8, e240-e240.	7.9	66
66	Peptidomimetic Star Polymers for Targeting Biological Ion Channels. PLoS ONE, 2016, 11, e0152169.	2.5	5
67	PI3K/Akt/mTOR pathway dual inhibitor BEZ-235 suppresses the stemness of colon cancer stem cells. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1317-1326.	1.9	76
68	Temperature-Directed Self-Assembly of Multifunctional Polymeric Tadpoles. Journal of the American Chemical Society, 2015, 137, 15652-15655.	13.7	33
69	Intracellular trafficking pathways for plasmid DNA complexed with highly efficient endosome escape polymers. BMC Proceedings, 2015, 9, .	1.6	2
70	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.	1.6	24
71	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of L-Lysine-Decorated Polymeric Dendrimers. Macromolecules, 2015, 48, 1688-1702.	4.8	34
72	An EGFR targeting nanoparticle self assembled from a thermoresponsive polymer. Journal of Chemical Technology and Biotechnology, 2015, 90, 1222-1229.	3.2	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.	5.4	34
74	Photonic Nanosensor for Colorimetric Detection of Metal Ions. <i>Analytical Chemistry</i> , 2015, 87, 5101-5108.	6.5	82
75	Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 4358-4365.	3.9	90
76	Aqueous SET-LRP catalyzed with α -olefin situ-generated Cu(0) demonstrates surface mediated activation and bimolecular termination. <i>Polymer Chemistry</i> , 2015, 6, 2084-2097.	3.9	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.	7.6	361
79	Polyacrylate-Based Delivery System for Self-adjuvanting Anticancer Peptide Vaccine. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 888-896.	6.4	56
80	Hierarchical mesoporous yolk-shell structured carbonaceous nanospheres for high performance electrochemical capacitive energy storage. <i>Chemical Communications</i> , 2015, 51, 2518-2521.	4.1	151
81	Derivation of the molecular weight distributions from size exclusion chromatography. <i>European Polymer Journal</i> , 2015, 65, 191-196.	5.4	39
82	Glass Transition Temperature of Cyclic Stars. <i>ACS Macro Letters</i> , 2014, 3, 1254-1257.	4.8	55
83	Nanoparticles of Well-Defined 4-Arm Stars made using Nanoreactors in Water. <i>Macromolecular Rapid Communications</i> , 2014, 35, 193-197.	3.9	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.	13.7	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.	5.8	97
86	Printable Surface Holograms via Laser Ablation. <i>ACS Photonics</i> , 2014, 1, 489-495.	6.6	59
87	Interaction of Human Arylamine N-Acetyltransferase 1 with Different Nanomaterials. <i>Drug Metabolism and Disposition</i> , 2014, 42, 377-383.	3.3	16
88	Reusable, Robust, and Accurate Laser-Generated Photonic Nanosensor. <i>Nano Letters</i> , 2014, 14, 3587-3593.	9.1	103
89	N-doped mesoporous carbon spheres as the oxygen reduction reaction catalysts. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18139-18146.	10.3	179
90	Timed-release polymers as novel transfection reagents. <i>Polymer Chemistry</i> , 2014, 5, 3372-3378.	3.9	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.	5.4	29
92	Complex Polymer Topologies Built from Tailored Multifunctional Cyclic Polymers. <i>Macromolecules</i> , 2014, 47, 4955-4970.	4.8	71
93	Thermoresponsive Worms for Expansion and Release of Human Embryonic Stem Cells. <i>Biomacromolecules</i> , 2014, 15, 844-855.	5.4	32
94	Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. <i>Nanomedicine</i> , 2014, 9, 35-43.	3.3	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.	3.0	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.	3.3	122
97	Self-Adjuvanting Polymer-Peptide Conjugates As Therapeutic Vaccine Candidates against Cervical Cancer. <i>Biomacromolecules</i> , 2013, 14, 2798-2806.	5.4	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.	5.4	52
99	A comparative study of the SET-LRP of oligo(ethylene oxide) methyl ether acrylate in DMSO and in H ₂ O. <i>Polymer Chemistry</i> , 2013, 4, 144-155.	3.9	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.	3.9	36
101	Nanofibrillar thermoreversible micellar microgels. <i>Soft Matter</i> , 2013, 9, 2380.	2.7	18
102	Thermoresponsive Polymer-Supported γ -Proline Micelle Catalysts for the Direct Asymmetric Aldol Reaction in Water. <i>ACS Macro Letters</i> , 2013, 2, 327-331.	4.8	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.	5.4	39
105	An influenza virus-inspired polymer system for the timed release of siRNA. <i>Nature Communications</i> , 2013, 4, 1902.	12.8	155
106	Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. <i>Polymer Chemistry</i> , 2013, 4, 2080.	3.9	47
107	Fine Tuning the Disassembly Time of Thermoresponsive Polymer Nanoparticles.. <i>Biomacromolecules</i> , 2013, 14, 3463-3471.	5.4	36
108	Polyacrylamide hydrogel membranes with controlled pore sizes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 129-138.	2.3	16

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109	Reversible polymer nanostructures by regulating SDS/PNIPAM binding. <i>Polymer Chemistry</i> , 2013, 4, 233-236.	3.9	30
110	Synthesis of Cyclic Polymers via Ring Closure. <i>Advances in Polymer Science</i> , 2013, , 295-327.	0.8	29
111	Laser Engineered Graphene Paper for Mass Spectrometry Imaging. <i>Scientific Reports</i> , 2013, 3, 1415.	3.3	44
112	Molecular Interaction of Poly(acrylic acid) Gold Nanoparticles with Human Fibrinogen. <i>ACS Nano</i> , 2012, 6, 8962-8969.	14.6	175
113	One-Pot Synthesis of Mikto Three-Arm AB ₂ Stars Constructed from Linear and Macrocyclic Polymer Chains.. <i>Macromolecules</i> , 2012, 45, 5956-5966.	4.8	37
114	Cyclic polystyrene topologies via RAFT and CuAAC. <i>Polymer Chemistry</i> , 2012, 3, 2986.	3.9	52
115	Construction of a 3-Miktoarm Star from Cyclic Polymers. <i>ACS Macro Letters</i> , 2012, 1, 780-783.	4.8	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.	2.3	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.	2.3	41
118	Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. <i>Macromolecules</i> , 2012, 45, 4606-4622.	4.8	138
119	Effect of polymer grafting density on silica nanoparticle toxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6862-6869.	3.0	17
120	Oligonucleotide and Polymer Functionalized Nanoparticles for Amplification-Free Detection of DNA. <i>Biomacromolecules</i> , 2012, 13, 1981-1989.	5.4	38
121	Heck Reactions in Aqueous Miniemulsions. <i>Australian Journal of Chemistry</i> , 2012, 65, 1090.	0.9	3
122	Enrichment and Detection of Peptides from Biological Systems Using Designed Periodic Mesoporous Organosilica Microspheres. <i>Small</i> , 2012, 8, 231-236.	10.0	36
123	Cyclic polymers: Methods and strategies. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2085-2097.	2.3	250
124	Polymer Nanoparticles via Living Radical Polymerization in Aqueous Dispersions: Design and Applications. <i>Macromolecules</i> , 2012, 45, 4939-4957.	4.8	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.	3.3	46

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127	Development of encoded particle-polymer arrays for the accelerated screening of antifouling layers. Chemical Communications, 2011, 47, 9687.	4.1	5
128	Directing the pathway of orthogonal "click"™ reactions by modulating copper-catalytic activity. Chemical Communications, 2011, 47, 4165.	4.1	35
129	A Rapid Electrochemical Method for Determining Rate Coefficients for Copper-Catalyzed Polymerizations. Journal of the American Chemical Society, 2011, 133, 11944-11947.	13.7	70
130	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. Macromolecules, 2011, 44, 1747-1751.	4.8	49
131	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.	4.8	38
132	Self-Catalyzed Degradation of Linear Cationic Poly(2-dimethylaminoethyl acrylate) in Water. Biomacromolecules, 2011, 12, 1876-1882.	5.4	84
133	Self-Catalyzed Degradable Cationic Polymer for Release of DNA. Biomacromolecules, 2011, 12, 3540-3548.	5.4	55
134	Interaction of Densely Polymer-Coated Gold Nanoparticles with Epithelial Caco-2 Monolayers. Biomacromolecules, 2011, 12, 1339-1348.	5.4	56
135	Dendritic and Hyperbranched Polymers from Macromolecular Units: Elegant Approaches to the Synthesis of Functional Polymers. Macromolecules, 2011, 44, 7067-7087.	4.8	174
136	Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. Nature Nanotechnology, 2011, 6, 39-44.	31.5	781
137	Modulating catalytic activity of polymer-based CuAAC "click" reactions. Journal of Polymer Science Part A, 2011, 49, 4539-4548.	2.3	12
138	Synthesis and self-assembly of amphiphilic macrocyclic block copolymer topologies. Journal of Polymer Science Part A, 2011, 49, 4603-4612.	2.3	56
139	Mechanically Driven Reorganization of Thermoresponsive Diblock Copolymer Assemblies in Water. Angewandte Chemie - International Edition, 2011, 50, 8082-8085.	13.8	59
140	Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 168-173.	3.3	73
141	Metal-binding particles alleviate lead and zinc toxicity during seed germination of metallophyte grass <i>Astrebala lappacea</i> . Journal of Hazardous Materials, 2011, 190, 772-779.	12.4	7
142	Functionalization of Polymer Nanoparticles Formed by Microemulsion RAFT-Mediated Polymerization. Macromolecular Reaction Engineering, 2010, 4, 257-263.	1.5	11
143	Copper(II) Complexes of a Hexadentate Mixed-Donor N ₃ S ₃ Macrobicyclic Cage: Facile Rearrangements and Interconversions. Chemistry - A European Journal, 2010, 16, 3166-3175.	3.3	28
144	Polyacrylate Dendrimer Nanoparticles: A Self-Adjuvanting Vaccine Delivery System. Angewandte Chemie - International Edition, 2010, 49, 5742-5745.	13.8	149

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145	RAFT-Mediated Polymerization—A Story of Incompatible Data?. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1846-1862.	3.9	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.	1.4	35
147	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2214-2223.	2.3	35
148	Kinetic simulations for cyclization of \pm , ∞ -telechelic polymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4496-4503.	2.3	32
149	Cellular Uptake of Densely Packed Polymer Coatings on Gold Nanoparticles. <i>ACS Nano</i> , 2010, 4, 403-413.	14.6	171
150	RAFT-Mediated Emulsion Polymerization of Styrene with Low Reactive Xanthate Agents: Microemulsion-like Behavior. <i>Macromolecules</i> , 2010, 43, 7565-7576.	4.8	41
151	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC —Click—Reactions. <i>Macromolecules</i> , 2010, 43, 3331-3339.	4.8	148
152	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. <i>Australian Journal of Chemistry</i> , 2010, 63, 1227.	0.9	35
153	Methyl acrylate polymerizations in the presence of a copper/ N_3S_3 macrobicyclic cage in DMSO at 25 °C. <i>Polymer Chemistry</i> , 2010, 1, 207-212.	3.9	6
154	Nanoreactors to Synthesize Well-defined Polymer Nanoparticles: Decoupling Particle Size from Molecular Weight. <i>Macromolecules</i> , 2010, 43, 9598-9600.	4.8	49
155	Nanoreactors for Polymerizations and Organic Reactions. <i>Macromolecules</i> , 2010, 43, 1159-1168.	4.8	85
156	Various polystyrene topologies built from tailored cyclic polystyrene via CuAAC reactions. <i>Chemical Communications</i> , 2010, 46, 7945.	4.1	101
157	Self-assembly of well-defined amphiphilic polymeric miktoarm stars, dendrons, and dendrimers in water: The effect of architecture. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6292-6303.	2.3	33
158	The disproportionation of Cu(I)X mediated by ligand and solvent into Cu(0) and Cu(II)X ₂ and its implications for SET-LRP. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5606-5628.	2.3	188
159	Shell-crosslinked nanoparticles through self-assembly of thermoresponsive block copolymers by RAFT polymerization. <i>European Polymer Journal</i> , 2009, 45, 2513-2519.	5.4	27
160	Influence of Molecular Weight Distribution (MWD) on κ_t and the Onset of the Gel Effect using the RAFT-CLD-T Method. <i>ACS Symposium Series</i> , 2009, , 19-35.	0.5	2
161	Nanoreactors for Aqueous RAFT-Mediated Polymerizations. <i>Macromolecules</i> , 2009, 42, 3884-3886.	4.8	84
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