

Michael J Monteiro

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/298811/michael-j-monteiro-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Mechanisms of cancer stem cell senescence: Current understanding and future perspectives. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 1185-1202 | 3 | 3 |
| 244 | Triazole-enabled small TEMPO cathodes for lithium-organic batteries. <i>Energy Storage Materials</i> , 2021 , 35, 122-129 | 19.4 | 2 |
| 243 | 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 | 13 | 8 |
| 242 | 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 | 4.1 | 3 |
| 241 | Water-Borne Nanocoating for Rapid Inactivation of SARS-CoV-2 and Other Viruses. <i>ACS Nano</i> , 2021 , 15, 14915-14927 | 16.7 | 4 |
| 240 | Precise and Accelerated Polymer Synthesis via Mixed-Ligand and Mixed-RAFT Agents. <i>CheM</i> , 2020 , 6, 1203-1204 | 16.2 | 0 |
| 239 | Therapeutic Delivery of Polymeric Tadpole Nanostructures with High Selectivity to Triple Negative Breast Cancer Cells. <i>Biomacromolecules</i> , 2020 , 21, 4457-4468 | 6.9 | 5 |
| 238 | Temperature-Induced Formation of Uniform Polymer Nanocubes Directly in Water. <i>Biomacromolecules</i> , 2020 , 21, 1700-1708 | 6.9 | 3 |
| 237 | 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 | 3 | 9 |
| 236 | Perfecting self-organization of covalent and supramolecular mega macromolecules via sequence-defined and monodisperse components. <i>Polymer</i> , 2020 , 211, 123252 | 3.9 | 7 |
| 235 | Analysis of cyclic polymer purity by size exclusion chromatography: a model system. <i>Polymer Chemistry</i> , 2020 , 11, 7354-7361 | 4.9 | 4 |
| 234 | Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15265-15270 | 16.4 | 27 |
| 233 | Replacing Cu(II)Br with Me-TREN in Biphasic Cu(0)/TREN Catalyzed SET-LRP Reveals the Mixed-Ligand Effect. <i>Biomacromolecules</i> , 2020 , 21, 250-261 | 6.9 | 14 |
| 232 | UV-Cross-Linked Polymer Nanostructures with Preserved Asymmetry and Surface Functionality. <i>Biomacromolecules</i> , 2020 , 21, 133-142 | 6.9 | 7 |
| 231 | Conjugated Nitroxide Radical Polymers: Synthesis and Application in Flexible Energy Storage Devices. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 7096-7103 | 9.5 | 21 |
| 230 | 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 | 1.6 | 5 |
| 229 | GRGD-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 | 3 |

| | | | |
|-----|---|------|----|
| 228 | 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 | 4.8 | 21 |
| 227 | Programmable Disassembly of Polymer Nanoparticles through Surfactant Interactions. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 21003-21013 | 3.9 | 4 |
| 226 | Biodistribution of PNIPAM-Coated Nanostructures Synthesized by the TDMT Method. <i>Biomacromolecules</i> , 2019 , 20, 625-634 | 6.9 | 12 |
| 225 | Segmental Dynamics in Multicyclic Polystyrenes. <i>Macromolecules</i> , 2018 , 51, 1488-1497 | 5.5 | 17 |
| 224 | Influence of Constraints within a Cyclic Polymer on Solution Properties. <i>Biomacromolecules</i> , 2018 , 19, 616-625 | 6.9 | 26 |
| 223 | 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 | 3.6 | 30 |
| 222 | 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 | 2.9 | 2 |
| 221 | Formation of hollow MoS ₂ /carbon microspheres for high capacity and high rate reversible alkali-ion storage. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8280-8288 | 13 | 56 |
| 220 | Order from disorder through dissipation of free energy. <i>Nature Nanotechnology</i> , 2018 , 13, 771-772 | 28.7 | 5 |
| 219 | 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 | 7.8 | 18 |
| 218 | Electron Microscopy Imaging of Zinc Soaps Nucleation in Oil Paint. <i>Microscopy and Microanalysis</i> , 2018 , 24, 318-322 | 0.5 | 13 |
| 217 | Liposomal formulation of polyacrylate-peptide conjugate as a new vaccine candidate against cervical cancer. <i>Precision Nanomedicine</i> , 2018 , 1, 183-193 | 1.2 | 6 |
| 216 | Investigating the affinity of poly tert-butyl acrylate toward Toll-Like Receptor 2. <i>AIMS Allergy and Immunology</i> , 2018 , 2, 141-147 | 0.5 | 5 |
| 215 | An In-Depth Analysis of the Last Twenty Years About IPv6 Security 2018 , | | 1 |
| 214 | Uniform Symmetric and Asymmetric Polymer Nanostructures via Directed Chain Organization. <i>Biomacromolecules</i> , 2018 , 19, 4703-4709 | 6.9 | 10 |
| 213 | Viscoelastic Properties of Unentangled Multicyclic Polystyrenes. <i>Polymers</i> , 2018 , 10, | 4.5 | 4 |
| 212 | The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). <i>Polymer Chemistry</i> , 2017 , 8, 1815-1823 | 4.9 | 51 |
| 211 | Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017 , 129, 8579-8583 | 3.6 | 23 |

| | | | |
|-----|--|------|-----|
| 210 | Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8459-8463 | 16.4 | 152 |
| 209 | Acetone/Water biphasic mixtures as solvents for ultrafast SET-LRP of hydrophobic acrylates. <i>Polymer Chemistry</i> , 2017 , 8, 3102-3123 | 4.9 | 27 |
| 208 | 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 | 4.9 | 25 |
| 207 | Hierarchical Porous Yolk/Shell Carbon Nanosphere for High-Performance Lithium/Sulfur Batteries. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1600281 | 3.1 | 31 |
| 206 | Pyrene-Functionalized PTMA by NRC for Greater π -Stacking with rGO and Enhanced Electrochemical Properties. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34900-34908 | 9.5 | 47 |
| 205 | Temperature-Directed Assembly of Stacked Toroidal Nanorattles. <i>ACS Macro Letters</i> , 2017 , 6, 1223-1227 | 6.6 | 14 |
| 204 | Densely Packed Multicyclic Polymers. <i>ACS Macro Letters</i> , 2017 , 6, 1036-1041 | 6.6 | 10 |
| 203 | Temperature-Directed Self-Assembly: from Tadpole to Multi-Arm Polymer Nanostructures Directly in Water. <i>ACS Macro Letters</i> , 2017 , 6, 1047-1051 | 6.6 | 12 |
| 202 | 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 | 4.9 | 22 |
| 201 | Conditions for multicompartment polymeric tadpoles via temperature directed self-assembly. <i>Polymer Chemistry</i> , 2017 , 8, 5286-5294 | 4.9 | 7 |
| 200 | Drug resistance and cancer stem cells: the shared but distinct roles of hypoxia-inducible factors HIF1 α and HIF2 α . <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 153-161 | 3 | 66 |
| 199 | Ultrafast SET-LRP in biphasic mixtures of the non-disproportionating solvent acetonitrile with water. <i>Polymer Chemistry</i> , 2016 , 7, 5930-5942 | 4.9 | 27 |
| 198 | The synergistic effect during biphasic SET-LRP in ethanol/nonpolar solvent/Water mixtures. <i>Polymer Chemistry</i> , 2016 , 7, 7230-7241 | 4.9 | 26 |
| 197 | Quantitative end-group functionalization of PNIPAM from aqueous SET-LRP via in situ reduction of Cu(II) with NaBH ₄ . <i>Polymer Chemistry</i> , 2016 , 7, 4802-4809 | 4.9 | 21 |
| 196 | SET-LRP of NIPAM in water via in situ reduction of Cu(II) to Cu(0) with NaBH ₄ . <i>Polymer Chemistry</i> , 2016 , 7, 933-939 | 4.9 | 41 |
| 195 | A synthetic strategy for carbon nanospheres impregnated with highly monodispersed metal nanoparticles. <i>NPG Asia Materials</i> , 2016 , 8, e240-e240 | 10.3 | 60 |
| 194 | Peptidomimetic Star Polymers for Targeting Biological Ion Channels. <i>PLoS ONE</i> , 2016 , 11, e0152169 | 3.7 | 5 |
| 193 | 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, 1947-58 | 7.3 | 24 |

| | | | |
|-----|---|------|-----|
| 192 | Sequence Control of Macromers via Iterative Sequential and Exponential Growth. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16600-16603 | 16.4 | 40 |
| 191 | Characterization of hetero-block copolymers by the log-normal distribution model. <i>Polymer Chemistry</i> , 2016 , 7, 2992-3002 | 4.9 | 5 |
| 190 | Ultrafast SET-LRP of hydrophobic acrylates in multiphase alcohol/water mixtures. <i>Polymer Chemistry</i> , 2016 , 7, 3608-3621 | 4.9 | 37 |
| 189 | Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. <i>Therapeutic Delivery</i> , 2016 , 7, 601-9 | 3.8 | 18 |
| 188 | Precise grafting of macrocyclics and dendrons to a linear polymer chain. <i>Polymer Chemistry</i> , 2016 , 7, 6598-6607 | 4.9 | 7 |
| 187 | RAFT-mediated emulsion polymerization of styrene with a thermoresponsive MacroCTA. <i>Polymer</i> , 2016 , 106, 200-207 | 3.9 | 7 |
| 186 | Multiantigenic peptide-polymer conjugates as therapeutic vaccines against cervical cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 4372-4380 | 3.4 | 31 |
| 185 | Stable organic radical polymers: synthesis and applications. <i>Polymer Chemistry</i> , 2016 , 7, 5589-5614 | 4.9 | 81 |
| 184 | Yolk/Shell-Structured Nanoparticles: Synthesis, Surface Functionalization, and Their Applications in Nanomedicine 2016 , 61-106 | | |
| 183 | Fitting molecular weight distributions using a log-normal distribution model. <i>European Polymer Journal</i> , 2015 , 65, 197-201 | 5.2 | 28 |
| 182 | Photonic nanosensor for colorimetric detection of metal ions. <i>Analytical Chemistry</i> , 2015 , 87, 5101-8 | 7.8 | 68 |
| 181 | Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015 , 6, 4358-4365 | 4.9 | 84 |
| 180 | Aqueous SET-LRP catalyzed with in situ generated Cu(0) demonstrates surface mediated activation and bimolecular termination. <i>Polymer Chemistry</i> , 2015 , 6, 2084-2097 | 4.9 | 60 |
| 179 | Temperature-Induced Gels from Worms Made by RAFT-Mediated Emulsion Polymerization. <i>ACS Symposium Series</i> , 2015 , 79-90 | 0.4 | 2 |
| 178 | Contact lens sensors in ocular diagnostics. <i>Advanced Healthcare Materials</i> , 2015 , 4, 792-810 | 10.1 | 277 |
| 177 | Polyacrylate-based delivery system for self-adjuvanting anticancer peptide vaccine. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 888-96 | 8.3 | 46 |
| 176 | Hierarchical mesoporous yolk-shell structured carbonaceous nanospheres for high performance electrochemical capacitive energy storage. <i>Chemical Communications</i> , 2015 , 51, 2518-21 | 5.8 | 136 |
| 175 | Derivation of the molecular weight distributions from size exclusion chromatography. <i>European Polymer Journal</i> , 2015 , 65, 191-196 | 5.2 | 29 |

| | | | |
|-----|--|------|-----|
| 174 | 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, 1317-26 | 3 | 58 |
| 173 | Temperature-Directed Self-Assembly of Multifunctional Polymeric Tadpoles. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15652-5 | 16.4 | 29 |
| 172 | Intracellular trafficking pathways for plasmid DNA complexed with highly efficient endosome escape polymers. <i>BMC Proceedings</i> , 2015 , 9, | 2.3 | 2 |
| 171 | Self-adjuvanting therapeutic peptide-based vaccine induce CD8+ cytotoxic T lymphocyte responses in a murine human papillomavirus tumor model. <i>Current Drug Delivery</i> , 2015 , 12, 3-8 | 3.2 | 23 |
| 170 | One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of l-Lysine-Decorated Polymeric Dendrimers. <i>Macromolecules</i> , 2015 , 48, 1688-1702 | 5.5 | 29 |
| 169 | An EGFR targeting nanoparticle self assembled from a thermoresponsive polymer. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 1222-1229 | 3.5 | 9 |
| 168 | Multifunctional nanoworms and nanorods through a one-step aqueous dispersion polymerization. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5824-7 | 16.4 | 109 |
| 167 | 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 | 7.3 | 90 |
| 166 | Printable Surface Holograms via Laser Ablation. <i>ACS Photonics</i> , 2014 , 1, 489-495 | 6.3 | 54 |
| 165 | Interaction of human arylamine N-acetyltransferase 1 with different nanomaterials. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 377-83 | 4 | 13 |
| 164 | Reusable, robust, and accurate laser-generated photonic nanosensor. <i>Nano Letters</i> , 2014 , 14, 3587-93 | 11.5 | 87 |
| 163 | N-doped mesoporous carbon spheres as the oxygen reduction reaction catalysts. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18139-18146 | 13 | 168 |
| 162 | Timed-release polymers as novel transfection reagents. <i>Polymer Chemistry</i> , 2014 , 5, 3372-3378 | 4.9 | 5 |
| 161 | Intracellular trafficking pathways for nuclear delivery of plasmid DNA complexed with highly efficient endosome escape polymers. <i>Biomacromolecules</i> , 2014 , 15, 3569-76 | 6.9 | 26 |
| 160 | Complex Polymer Topologies Built from Tailored Multifunctional Cyclic Polymers. <i>Macromolecules</i> , 2014 , 47, 4955-4970 | 5.5 | 67 |
| 159 | Thermoresponsive worms for expansion and release of human embryonic stem cells. <i>Biomacromolecules</i> , 2014 , 15, 844-55 | 6.9 | 25 |
| 158 | Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. <i>Nanomedicine</i> , 2014 , 9, 35-43 | 3.6 | 41 |
| 157 | Glass Transition Temperature of Cyclic Stars. <i>ACS Macro Letters</i> , 2014 , 3, 1254-1257 | 6.6 | 50 |

| | | | |
|-----|---|------|-----|
| 156 | Nanoparticles of well-defined 4-arm stars made using nanoreactors in water. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 193-197 | 4.8 | 6 |
| 155 | Facile fabrication of core-shell-structured Ag@carbon and mesoporous yolk-shell-structured Ag@carbon@silica by an extended StBer method. <i>Chemistry - A European Journal</i> , 2013 , 19, 6942-5 | 4.8 | 115 |
| 154 | Self-adjuvanting polymer-peptide conjugates as therapeutic vaccine candidates against cervical cancer. <i>Biomacromolecules</i> , 2013 , 14, 2798-806 | 6.9 | 104 |
| 153 | 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, 3386-9 | 6.9 | 48 |
| 152 | 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 | 4.9 | 105 |
| 151 | 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 | 4.9 | 31 |
| 150 | Nanofibrillar thermoreversible micellar microgels. <i>Soft Matter</i> , 2013 , 9, 2380 | 3.6 | 18 |
| 149 | Plasma protein binding of positively and negatively charged polymer-coated gold nanoparticles elicits different biological responses. <i>Nanotoxicology</i> , 2013 , 7, 314-22 | 5.3 | 103 |
| 148 | Thermoresponsive Polymer-Supported L-Proline Micelle Catalysts for the Direct Asymmetric Aldol Reaction in Water.. <i>ACS Macro Letters</i> , 2013 , 2, 327-331 | 6.6 | 108 |
| 147 | Living Radical Polymerisation in Emulsion and Miniemulsion 2013 , 105-143 | | 3 |
| 146 | Timed-release polymer nanoparticles. <i>Biomacromolecules</i> , 2013 , 14, 495-502 | 6.9 | 38 |
| 145 | An influenza virus-inspired polymer system for the timed release of siRNA. <i>Nature Communications</i> , 2013 , 4, 1902 | 17.4 | 138 |
| 144 | Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. <i>Polymer Chemistry</i> , 2013 , 4, 2080 | 4.9 | 44 |
| 143 | Fine tuning the disassembly time of thermoresponsive polymer nanoparticles. <i>Biomacromolecules</i> , 2013 , 14, 3463-71 | 6.9 | 33 |
| 142 | Polyacrylamide hydrogel membranes with controlled pore sizes. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 129-138 | 2.5 | 12 |
| 141 | Reversible polymer nanostructures by regulating SDS/PNIPAM binding. <i>Polymer Chemistry</i> , 2013 , 4, 233-236 | 4.3 | 29 |
| 140 | Synthesis of Cyclic Polymers via Ring Closure. <i>Advances in Polymer Science</i> , 2013 , 295-327 | 1.3 | 25 |
| 139 | Laser engineered graphene paper for mass spectrometry imaging. <i>Scientific Reports</i> , 2013 , 3, 1415 | 4.9 | 39 |

| | | | |
|-----|--|------|-----|
| 138 | Cellular transport pathways of polymer coated gold nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 8-11 | 6 | 40 |
| 137 | Molecular interaction of poly(acrylic acid) gold nanoparticles with human fibrinogen. <i>ACS Nano</i> , 2012 , 6, 8962-9 | 16.7 | 152 |
| 136 | One-Pot Synthesis of Mikto Three-Arm AB ₂ Stars Constructed from Linear and Macrocyclic Polymer Chains.. <i>Macromolecules</i> , 2012 , 45, 5956-5966 | 5.5 | 37 |
| 135 | Cyclic polystyrene topologies via RAFT and CuAAC. <i>Polymer Chemistry</i> , 2012 , 3, 2986 | 4.9 | 47 |
| 134 | Construction of a 3-Miktoarm Star from Cyclic Polymers. <i>ACS Macro Letters</i> , 2012 , 1, 780-783 | 6.6 | 66 |
| 133 | Influence of the Z-group on the RAFT-mediated polymerizations in nanoreactors. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4762-4771 | 2.5 | 6 |
| 132 | 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 | 38 |
| 131 | Analysis of the Cu(0)-Catalyzed Polymerization of Methyl Acrylate in Disproportionating and Nondisproportionating Solvents. <i>Macromolecules</i> , 2012 , 45, 4606-4622 | 5.5 | 133 |
| 130 | Effect of polymer grafting density on silica nanoparticle toxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6862-9 | 3.4 | 13 |
| 129 | Oligonucleotide and polymer functionalized nanoparticles for amplification-free detection of DNA. <i>Biomacromolecules</i> , 2012 , 13, 1981-9 | 6.9 | 38 |
| 128 | Heck Reactions in Aqueous Miniemulsions. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1090 | 1.2 | 3 |
| 127 | Enrichment and detection of peptides from biological systems using designed periodic mesoporous organosilica microspheres. <i>Small</i> , 2012 , 8, 231-6 | 11 | 31 |
| 126 | Cyclic polymers: Methods and strategies. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 2085-2097 | 2.5 | 213 |
| 125 | Polymer Nanoparticles via Living Radical Polymerization in Aqueous Dispersions: Design and Applications. <i>Macromolecules</i> , 2012 , 45, 4939-4957 | 5.5 | 176 |
| 124 | Kinetic Simulations of RAFT-Mediated Microemulsion Polymerizations of Styrene. <i>ACS Symposium Series</i> , 2012 , 293-304 | 0.4 | 1 |
| 123 | Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. <i>Macromolecules</i> , 2011 , 44, 1747-1751 | 5.5 | 48 |
| 122 | Modulating Two Copper(I)-Catalyzed Orthogonal Click Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 °C. <i>Macromolecules</i> , 2011 , 44, 4814-4827 | 5.5 | 38 |
| 121 | Self-catalyzed degradation of linear cationic poly(2-dimethylaminoethyl acrylate) in water. <i>Biomacromolecules</i> , 2011 , 12, 1876-82 | 6.9 | 76 |

| | | | |
|-----|---|------|-----|
| 120 | Self-catalyzed degradable cationic polymer for release of DNA. <i>Biomacromolecules</i> , 2011 , 12, 3540-8 | 6.9 | 47 |
| 119 | Interaction of densely polymer-coated gold nanoparticles with epithelial Caco-2 monolayers. <i>Biomacromolecules</i> , 2011 , 12, 1339-48 | 6.9 | 49 |
| 118 | Dendritic and Hyperbranched Polymers from Macromolecular Units: Elegant Approaches to the Synthesis of Functional Polymers. <i>Macromolecules</i> , 2011 , 44, 7067-7087 | 5.5 | 162 |
| 117 | Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. <i>Nature Nanotechnology</i> , 2011 , 6, 39-44 | 28.7 | 685 |
| 116 | Modulating catalytic activity of polymer-based CuAAC 'click' reactions. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4539-4548 | 2.5 | 12 |
| 115 | Synthesis and self-assembly of amphiphilic macrocyclic block copolymer topologies. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4603-4612 | 2.5 | 54 |
| 114 | Mechanically Driven Reorganization of Thermoresponsive Diblock Copolymer Assemblies in Water. <i>Angewandte Chemie</i> , 2011 , 123, 8232-8235 | 3.6 | 7 |
| 113 | Mechanically driven reorganization of thermoresponsive diblock copolymer assemblies in water. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8082-5 | 16.4 | 53 |
| 112 | Development of encoded particle-polymer arrays for the accelerated screening of antifouling layers. <i>Chemical Communications</i> , 2011 , 47, 9687-9 | 5.8 | 5 |
| 111 | Directing the pathway of orthogonal 'click' reactions by modulating copper-catalytic activity. <i>Chemical Communications</i> , 2011 , 47, 4165-7 | 5.8 | 32 |
| 110 | A rapid electrochemical method for determining rate coefficients for copper-catalyzed polymerizations. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11944-7 | 16.4 | 61 |
| 109 | Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 168-73 | 6 | 67 |
| 108 | Metal-binding particles alleviate lead and zinc toxicity during seed germination of metallophyte grass <i>Astrebula lappacea</i> . <i>Journal of Hazardous Materials</i> , 2011 , 190, 772-9 | 12.8 | 7 |
| 107 | Cellular uptake of densely packed polymer coatings on gold nanoparticles. <i>ACS Nano</i> , 2010 , 4, 403-13 | 16.7 | 151 |
| 106 | RAFT-Mediated Emulsion Polymerization of Styrene with Low Reactive Xanthate Agents: Microemulsion-like Behavior. <i>Macromolecules</i> , 2010 , 43, 7565-7576 | 5.5 | 39 |
| 105 | Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC 'click' Reactions. <i>Macromolecules</i> , 2010 , 43, 3331-3339 | 5.5 | 135 |
| 104 | Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. <i>Australian Journal of Chemistry</i> , 2010 , 63, 1227 | 1.2 | 30 |
| 103 | Methyl acrylate polymerizations in the presence of a copper/N3S3 macrobicyclic cage in DMSO at 25 °C. <i>Polymer Chemistry</i> , 2010 , 1, 207-212 | 4.9 | 5 |

| | | | |
|-----|--|------|-----|
| 102 | Nanoreactors to Synthesize Well-defined Polymer Nanoparticles: Decoupling Particle Size from Molecular Weight. <i>Macromolecules</i> , 2010 , 43, 9598-9600 | 5.5 | 45 |
| 101 | Nanoreactors for Polymerizations and Organic Reactions. <i>Macromolecules</i> , 2010 , 43, 1159-1168 | 5.5 | 79 |
| 100 | Various polystyrene topologies built from tailored cyclic polystyrene via CuAAC reactions. <i>Chemical Communications</i> , 2010 , 46, 7945-7 | 5.8 | 93 |
| 99 | Functionalization of Polymer Nanoparticles Formed by Microemulsion RAFT-Mediated Polymerization. <i>Macromolecular Reaction Engineering</i> , 2010 , 4, 257-263 | 1.5 | 10 |
| 98 | Copper(II) complexes of a hexadentate mixed-donor N3S3 macrobicyclic cage: facile rearrangements and interconversions. <i>Chemistry - A European Journal</i> , 2010 , 16, 3166-75 | 4.8 | 26 |
| 97 | Polyacrylate dendrimer nanoparticles: a self-adjuvanting vaccine delivery system. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5742-5 | 16.4 | 135 |
| 96 | RAFT-Mediated Polymerization-A Story of Incompatible Data?. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 1846-62 | 4.8 | 54 |
| 95 | 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 | 1.5 | 30 |
| 94 | 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 |
| 93 | Kinetic simulations for cyclization of telechelic polymers. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4496-4503 | 2.5 | 26 |
| 92 | 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 | 2.5 | 31 |
| 91 | 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 | 2.5 | 179 |
| 90 | Shell-crosslinked nanoparticles through self-assembly of thermoresponsive block copolymers by RAFT polymerization. <i>European Polymer Journal</i> , 2009 , 45, 2513-2519 | 5.2 | 26 |
| 89 | Influence of Molecular Weight Distribution (MWD) on the Onset of the Gel Effect using the RAFT-CLD-T Method. <i>ACS Symposium Series</i> , 2009 , 19-35 | 0.4 | 2 |
| 88 | Nanoreactors for Aqueous RAFT-Mediated Polymerizations. <i>Macromolecules</i> , 2009 , 42, 3884-3886 | 5.5 | 82 |
| 87 | Rapid, Selective, and Reversible Nitroxide Radical Coupling (NRC) Reactions at Ambient Temperature. <i>Macromolecules</i> , 2009 , 42, 8218-8227 | 5.5 | 118 |
| 86 | Time-of-flight secondary ion mass spectrometry study of the orientation of a bifunctional diblock copolymer attached to a solid substrate. <i>Langmuir</i> , 2009 , 25, 1011-9 | 4 | 9 |
| 85 | RAFT-Mediated Polymerization of Styrene in Readily Biodegradable Ionic Liquids. <i>Macromolecules</i> , 2009 , 42, 1604-1609 | 5.5 | 28 |

| | | | |
|----|--|-----|-----|
| 84 | Termination in Semi-Dilute and Concentrated Polymer Solutions. <i>Australian Journal of Chemistry</i> , 2009 , 62, 857 | 1.2 | 3 |
| 83 | RAFT-Mediated Emulsion Polymerization of Styrene in Water using a Reactive Polymer Nanoreactor. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1528 | 1.2 | 23 |
| 82 | Advise use of rear facing child car seats for children under 4 years old. <i>BMJ, The</i> , 2009 , 338, b1994 | 5.9 | 5 |
| 81 | Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. <i>Macromolecules</i> , 2008 , 41, 76-86 | 5.5 | 89 |
| 80 | Effect of Cu(0) Particle Size on the Kinetics of SET-LRP in DMSO and Cu-Mediated Radical Polymerization in MeCN at 25 °C. <i>Macromolecules</i> , 2008 , 41, 8365-8371 | 5.5 | 179 |
| 79 | Solvent Choice Differentiates SET-LRP and Cu-Mediated Radical Polymerization with Non-First-Order Kinetics. <i>Macromolecules</i> , 2008 , 41, 8360-8364 | 5.5 | 228 |
| 78 | Simple technique to prevent twisting of the perforating vessels in an anterolateral thigh flap. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2008 , 46, 694-5 | 1.4 | 7 |
| 77 | Diffusion Controlled Termination of Linear Polystyrene Radicals in Linear, 4-Arm, and 6-Arm Star Polymer Matrices in Dilute, Semidilute, and Concentrated Solution Conditions. <i>Macromolecules</i> , 2008 , 41, 727-736 | 5.5 | 41 |
| 76 | Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using Click Chemistry Catalyzed by Copper Wire. <i>Macromolecules</i> , 2008 , 41, 1057-1060 | 5.5 | 124 |
| 75 | Adsorption of well-defined fluorine-containing polymers onto poly(tetrafluoroethylene). <i>Langmuir</i> , 2008 , 24, 13075-83 | 4 | 23 |
| 74 | Outer-sphere electron transfer metal-catalyzed polymerization of styrene using a macrobicyclic ligand. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 146-154 | 2.5 | 27 |
| 73 | Divergent synthesis and self-assembly of amphiphilic polymeric dendrons with selective degradable linkages. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1533-1547 | 2.5 | 50 |
| 72 | Bimolecular radical termination: New perspectives and insights. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3155-3173 | 2.5 | 112 |
| 71 | Synthesis of linear and 4-arm star block copolymers of poly(methyl acrylate-b-solketal acrylate) by SET-LRP at 25 °C. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6346-6357 | 2.5 | 69 |
| 70 | Design Criteria for Accurate Measurement of Bimolecular Radical Termination Rate Coefficients via the RAFT-CLD-T Method. <i>Macromolecular Theory and Simulations</i> , 2008 , 17, 460-469 | 1.5 | 14 |
| 69 | Kinetic Modeling of Living and Conventional Free Radical Polymerizations of Methyl Methacrylate in Dilute and Gel Regimes. <i>Macromolecules</i> , 2007 , 40, 7171-7179 | 5.5 | 43 |
| 68 | Formation of tethered polyacrylic acid loops in core-shell micelles. <i>Langmuir</i> , 2007 , 23, 7887-90 | 4 | 10 |
| 67 | Kinetic simulation of single electron transfer living radical polymerization of methyl acrylate at 25 °C. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 1835-1847 | 2.5 | 120 |

| | | | |
|----|--|------|------|
| 66 | Original approach to multiblock copolymers via reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 2334-2340 | 2.5 | 74 |
| 65 | Degradative chain transfer in vinyl acetate polymerizations using toluene as solvent. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3620-3625 | 2.5 | 11 |
| 64 | Versatile synthetic approach to reversible crosslinked polystyrene networks via RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4150-4153 | 2.5 | 20 |
| 63 | Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) in the Gel Regime: Accessing k_t Using Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. <i>Macromolecules</i> , 2007 , 40, 2730-2736 | 5.5 | 49 |
| 62 | Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the Click Reaction. <i>Macromolecules</i> , 2007 , 40, 7056-7059 | 5.5 | 65 |
| 61 | Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. <i>Advanced Materials</i> , 2006 , 18, 582-586 | 24 | 46 |
| 60 | Effect of Degassing on Surfactant-Free Emulsion Polymerizations of Styrene Mediated with RAFT. <i>Macromolecules</i> , 2006 , 39, 904-907 | 5.5 | 28 |
| 59 | Synthesis of 3-miktoarm stars and 1st generation mikto dendritic copolymers by "living" radical polymerization and "click" chemistry. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11360-1 | 16.4 | 248 |
| 58 | Synthesis of Monocyclic and Linear Polystyrene Using the Reversible Coupling/Cleavage of Thiol/Disulfide Groups. <i>Macromolecules</i> , 2006 , 39, 9028-9034 | 5.5 | 144 |
| 57 | RAFT-Mediated Emulsion Polymerization of Styrene using a Non-Ionic Surfactant. <i>Australian Journal of Chemistry</i> , 2006 , 59, 728 | 1.2 | 21 |
| 56 | Novel Approach to Tailoring Molecular Weight Distribution and Structure with a Difunctional RAFT Agent. <i>Macromolecules</i> , 2006 , 39, 4966-4974 | 5.5 | 24 |
| 55 | Synthesis of soluble phosphate polymers by RAFT and their in vitro mineralization. <i>Biomacromolecules</i> , 2006 , 7, 3178-87 | 6.9 | 68 |
| 54 | Synthesis and aggregation behavior of four-arm star amphiphilic block copolymers in water. <i>Langmuir</i> , 2006 , 22, 9746-52 | 4 | 62 |
| 53 | Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5809-5831 | 2.5 | 399 |
| 52 | 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. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14156-65 | 16.4 | 1005 |
| 51 | Tailoring Molecular Weight Distribution and Structure with Difunctional Reversible Addition Fragmentation Chain Transfer Agent. A Model Study. <i>ACS Symposium Series</i> , 2006 , 421-437 | 0.4 | 1 |
| 50 | A "Living" Radical <i>Ab Initio</i> Emulsion Polymerization of Styrene Using a Fluorinated Xanthate Agent. <i>Macromolecules</i> , 2005 , 38, 1538-1541 | 5.5 | 85 |
| 49 | Effect of Impurities in Cumyl Dithiobenzoate on RAFT-Mediated Polymerizations. <i>Macromolecules</i> , 2005 , 38, 5352-5355 | 5.5 | 69 |

| | | | |
|----|---|------|-----|
| 48 | Accessing Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) via the Reversible Addition Fragmentation Chain Transfer (RAFT) Process. <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 2047-2053 | 2.6 | 79 |
| 47 | Design strategies for controlling the molecular weight and rate using reversible addition-fragmentation chain transfer mediated living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 3189-3204 | 2.5 | 129 |
| 46 | Controlled radical polymerization of styrene and methyl acrylate in the presence of reversible addition-fragmentation chain transfer agents, phenylethyl phenyl dithioacetate and phenyldithioacetic acid. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5232-5245 | 2.5 | 21 |
| 45 | Modeling the molecular weight distribution of block copolymer formation in a reversible addition-fragmentation chain transfer mediated living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5643-5651 | 2.5 | 65 |
| 44 | Cryo-sectioning and chemical-fixing ultramicrotomy techniques for imaging rubber latex particle morphology. <i>Microscopy Research and Technique</i> , 2004 , 63, 111-4 | 2.8 | 10 |
| 43 | Seeded Emulsion Polymerization of Block Copolymer Core-Shell Nanoparticles with Controlled Particle Size and Molecular Weight Distribution Using Xanthate-Based RAFT Polymerization. <i>Macromolecules</i> , 2004 , 37, 4474-4483 | 5.5 | 82 |
| 42 | Protein transfer through polyacrylamide hydrogel membranes polymerized in lyotropic phases. <i>Biomacromolecules</i> , 2004 , 5, 1637-41 | 6.9 | 11 |
| 41 | Characterization of 3- and 4-Arm Stars from Reactions of Poly(butyl acrylate) RAFT and ATRP Precursors. <i>Macromolecules</i> , 2004 , 37, 7906-7917 | 5.5 | 63 |
| 40 | A difference of six orders of magnitude: A reply to the magnitude of the fragmentation rate coefficient. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 2833-2839 | 2.5 | 126 |
| 39 | A Kinetic Investigation of Seeded Emulsion Polymerization of Styrene Using Reversible Addition-Fragmentation Chain Transfer (RAFT) Agents with a Low Transfer Constant. <i>Macromolecules</i> , 2003 , 36, 4309-4318 | 5.5 | 75 |
| 38 | Influence of the Chemical Structure of MADIX Agents on the RAFT Polymerization of Styrene. <i>Macromolecules</i> , 2003 , 36, 2293-2301 | 5.5 | 79 |
| 37 | Preparation of Reactive Composite Latexes by Living Radical Polymerization Using the RAFT Process. A New Class of Polymer Materials. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 370-374 | 4.8 | 30 |
| 36 | Flexibilized Styrene-N-Substituted Maleimide Copolymers with Enhanced Entanglement Density. <i>Macromolecules</i> , 2002 , 35, 6210-6216 | 5.5 | 13 |
| 35 | Aqueous room temperature metal-catalyzed living radical polymerization of vinyl chloride. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4940-1 | 16.4 | 391 |
| 34 | High Pressure 'Living' Free-Radical Polymerization of Styrene in the Presence of RAFT. <i>Australian Journal of Chemistry</i> , 2002 , 55, 433 | 1.2 | 52 |
| 33 | Emulsion polymerization of methyl methacrylate in the presence of novel addition-fragmentation chain-transfer reactive surfactant (transurf). <i>Journal of Polymer Science Part A</i> , 2001 , 39, 2813-2820 | 2.5 | 12 |
| 32 | Synthesis and Characterization of a Novel Addition-Fragmentation Reactive Surfactant (TRANSURF) for Use in Free-Radical Emulsion Polymerizations. <i>Journal of Colloid and Interface Science</i> , 2001 , 237, 21-27 | 9.3 | 13 |
| 31 | Effect of ambient crosslinking on the mechanical properties and film morphology of PSTY-P(BA-co-AAEMA) reactive composite latexes. <i>European Polymer Journal</i> , 2001 , 37, 965-973 | 5.2 | 27 |

| | | | |
|----|--|-----|-----|
| 30 | Retardative chain transfer in free radical free-radical polymerisations of vinyl neo-decanoate in low molecular weight polyisoprene and toluene. <i>Polymer</i> , 2001 , 42, 2403-2411 | 3.9 | 20 |
| 29 | Rational design of polymer colloids. <i>Macromolecular Symposia</i> , 2001 , 174, 13-28 | 0.8 | 10 |
| 28 | Intermediate Radical Termination as the Mechanism for Retardation in Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Macromolecules</i> , 2001 , 34, 349-352 | 5.5 | 305 |
| 27 | 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. <i>Macromolecules</i> , 2001 , 34, 4416-4423 | 5.5 | 160 |
| 26 | Living Radical Polymerization by Reversible Addition-Fragmentation Chain Transfer in Ionically Stabilized Miniemulsions. <i>Macromolecules</i> , 2001 , 34, 3938-3946 | 5.5 | 132 |
| 25 | Modification of natural and artificial polymer colloids by "topology-controlled" emulsion polymerization. <i>Biomacromolecules</i> , 2001 , 2, 518-25 | 6.9 | 50 |
| 24 | Novel graft copolymers from mechanistically-designed seeded emulsion polymerization. <i>Macromolecular Symposia</i> , 2000 , 152, 43-53 | 0.8 | 10 |
| 23 | Pulsed-laser polymerization (PLP) of N-isopropyl acrylamide (NIPAM) in water: a qualitative study. <i>Macromolecular Symposia</i> , 2000 , 150, 275-281 | 0.8 | 12 |
| 22 | 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. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 3596-3603 | 2.5 | 220 |
| 21 | The influence of RAFT on the rates and molecular weight distributions of styrene in seeded emulsion polymerizations. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 3864-3874 | 2.5 | 156 |
| 20 | Synthesis of butyl acrylate-styrene block copolymers in emulsion by reversible addition-fragmentation chain transfer: Effect of surfactant migration upon film formation. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 4206-4217 | 2.5 | 87 |
| 19 | Free-radical kinetics of grafting reactions for creating novel graft copolymers in emulsion polymerization. <i>Macromolecular Symposia</i> , 2000 , 150, 155-160 | 0.8 | 3 |
| 18 | Living Radical Polymerization in Miniemulsion Using Reversible Addition-Fragmentation Chain Transfer. <i>Macromolecules</i> , 2000 , 33, 9239-9246 | 5.5 | 195 |
| 17 | Propagation Rate Coefficient of Poly(N-isopropylacrylamide) in Water below Its Lower Critical Solution Temperature. <i>Macromolecules</i> , 2000 , 33, 8589-8596 | 5.5 | 71 |
| 16 | Grafting Kinetics of Vinyl Neodecanoate onto Polybutadiene. <i>Macromolecules</i> , 2000 , 33, 2383-2390 | 5.5 | 13 |
| 15 | Pulsed-Laser Polymerization in Compartmentalized Liquids. 1. Polymerization in Vesicles. <i>Macromolecules</i> , 2000 , 33, 3620-3629 | 5.5 | 14 |
| 14 | Molecular Weight Characterization of Poly(N-isopropylacrylamide) Prepared by Living Free-Radical Polymerization. <i>Macromolecules</i> , 2000 , 33, 6738-6745 | 5.5 | 314 |
| 13 | Using mechanisms to make seemingly impossible latexes and polymers. <i>Macromolecular Symposia</i> , 2000 , 150, 73-84 | 0.8 | 13 |

| | | | |
|----|--|-----|-----|
| 12 | Improving the knowledge and design of end groups in polymers produced by free radical polymerization. <i>Polymers for Advanced Technologies</i> , 1998 , 9, 94-100 | 3.2 | 7 |
| 11 | A Theoretical Study of Propagation Rate Coefficients for Methacrylonitrile and Acrylonitrile. <i>Macromolecules</i> , 1998 , 31, 5175-5187 | 5.5 | 48 |
| 10 | Measurement of Diffusion Coefficients of Oligomeric Penetrants in Rubbery Polymer Matrixes. <i>Macromolecules</i> , 1998 , 31, 7835-7844 | 5.5 | 101 |
| 9 | A Mechanistic Perspective on Solvent Effects in Free-Radical Copolymerization. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 1998 , 38, 567-593 | | 85 |
| 8 | Initiation in free radical copolymerization studied by the nitroxide trapping method: styrene and acrylonitrile. <i>Polymer</i> , 1997 , 38, 165-171 | 3.9 | 17 |
| 7 | Initiation mechanisms in copolymerization: Reaction of t-butoxyl radicals with co-monomers ethyl vinyl ether and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 1997 , 35, 263-270 | 2.5 | 13 |
| 6 | The effect of benzyl alcohol on pulsed laser polymerization of styrene and methylmethacrylate. <i>Journal of Polymer Science Part A</i> , 1997 , 35, 515-520 | 2.5 | 46 |
| 5 | Initiation Processes in Copolymerization Studied by the Nitroxide Radical-Trapping Technique: Ethyl Vinyl Ether and Acrylonitrile. <i>Australian Journal of Chemistry</i> , 1997 , 50, 1 | 1.2 | 10 |
| 4 | Reactions of tert-butoxyl radicals with acyclic ethers studied by the radical trapping technique. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994 , 1071 | | 19 |
| 3 | RAFT-Mediated Polymerization in Heterogeneous Systems285-314 | | 15 |
| 2 | Living Radical Polymerisation in Emulsion and Miniemulsion111-139 | | 20 |
| 1 | Heterogeneous Systems301-331 | | 5 |