

Julien Nicolas

List of Publications by Year in descending order

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125
papers

17,107
citations

31976

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128
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144
docs citations

144
times ranked

21107
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#	ARTICLE	IF	CITATIONS
1	One-Step Synthesis of Degradable Vinylic Polymer-Based Latexes via Aqueous Radical Emulsion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	42
2	One-Step Synthesis of Degradable Vinylic Polymer-Based Latexes via Aqueous Radical Emulsion Polymerization. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
3	A Simple Route to Aqueous Suspensions of Degradable Copolymer Nanoparticles Based on Radical Ring-Opening Polymerization-Induced Self-Assembly (rROPISA). <i>Chemistry of Materials</i> , 2022, 34, 1875-1888.	6.7	24
4	Vinyl copolymers with faster hydrolytic degradation than aliphatic polyesters and tunable upper critical solution temperatures. <i>Nature Communications</i> , 2022, 13, .	12.8	22
5	(Bio)degradable and Biocompatible Nano-Objects from Polymerization-Induced and Crystallization-Driven Self-Assembly. <i>Biomacromolecules</i> , 2022, 23, 3043-3080.	5.4	24
6	Degradable Polyampholytes from Radical Ring-Opening Copolymerization Enhance Cellular Cryopreservation. <i>ACS Macro Letters</i> , 2022, 11, 889-894.	4.8	12
7	Towards nanoparticles with site-specific degradability by ring-opening copolymerization induced self-assembly in organic medium. <i>Polymer Chemistry</i> , 2021, 12, 594-607.	3.9	23
8	Simulations of the Upper Critical Solution Temperature Behavior of Poly(ornithine-co-citrulline)s Using MARTINI-Based Coarse-Grained Force Fields. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 4499-4511.	5.3	2
9	Supramolecular Organization of Polymer Prodrug Nanoparticles Revealed by Coarse-Grained Simulations. <i>Journal of the American Chemical Society</i> , 2021, 143, 17412-17423.	13.7	18
10	Synthesis of poly(Asparagine-co-phenylalanine) copolymers, analogy with thermosensitive poly(acrylamide-co-styrene) copolymers and formation of PEGylated nanoparticles. <i>European Polymer Journal</i> , 2020, 140, 110033.	5.4	2
11	100th Anniversary of Macromolecular Science Viewpoint: Degradable Polymers from Radical Ring-Opening Polymerization: Latest Advances, New Directions, and Ongoing Challenges. <i>ACS Macro Letters</i> , 2020, 9, 1812-1835.	4.8	91
12	DFT-calculation-assisted prediction of the copolymerization between cyclic ketene acetals and traditional vinyl monomers. <i>Polymer Chemistry</i> , 2020, 11, 7159-7169.	3.9	22
13	Hybrid nanoparticle composites. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4713-4714.	5.8	4
14	3D Extracellular Matrix Mimics: Fundamental Concepts and Role of Materials Chemistry to Influence Stem Cell Fate. <i>Biomacromolecules</i> , 2020, 21, 1968-1994.	5.4	297
15	The crucial role of macromolecular engineering, drug encapsulation and dilution on the thermoresponsiveness of UCST diblock copolymer nanoparticles used for hyperthermia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 281-290.	4.3	13
16	Cathepsin-sensitive nanoscale drug delivery systems for cancer therapy and other diseases. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 130-151.	13.7	78
17	Light sheet fluorescence microscopy versus confocal microscopy: in quest of a suitable tool to assess drug and nanomedicine penetration into multicellular tumor spheroids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 195-203.	4.3	56
18	Protein-functionalized nanoparticles derived from end-functional polymers and polymer prodrugs for crossing the blood-brain barrier. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 70-82.	4.3	26

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19	Drug-Initiated Synthesis of Heterotelechelic Polymer Prodrug Nanoparticles for <i>in Vivo</i> Imaging and Cancer Cell Targeting. <i>Biomacromolecules</i> , 2019, 20, 2464-2476.	5.4	17
20	Radical Ring-Opening Copolymerization-Induced Self-Assembly (rROPISA). <i>Macromolecules</i> , 2019, 52, 3612-3624.	4.8	58
21	Structure-pDNA complexation and structure-cytotoxicity relationships of PEGylated, cationic aminoethyl-based polyacrylates with tunable topologies. <i>Polymer Chemistry</i> , 2019, 10, 1968-1977.	3.9	6
22	From poly(alkyl cyanoacrylate) to squalene as core material for the design of nanomedicines. <i>Journal of Drug Targeting</i> , 2019, 27, 470-501.	4.4	20
23	Heterotelechelic polymer prodrug nanoparticles: Adaptability to different drug combinations and influence of the dual functionalization on the cytotoxicity. <i>Journal of Controlled Release</i> , 2019, 295, 223-236.	9.9	21
24	Degradable Copolymer Nanoparticles from Radical Ring-Opening Copolymerization between Cyclic Ketene Acetals and Vinyl Ethers. <i>Biomacromolecules</i> , 2019, 20, 305-317.	5.4	27
25	Thermoresponsive polymer nanocarriers for biomedical applications. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 167-192.	13.7	256
26	Incomplete copolymer degradation of <i>in situ</i> chemotherapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 25.	3.6	3
27	Tunable Degradation of Copolymers Prepared by Nitroxide-Mediated Radical Ring-Opening Polymerization and Point-by-Point Comparison with Traditional Polyesters. <i>Macromolecules</i> , 2018, 51, 724-736.	4.8	41
28	Self-stabilized, hydrophobic or PEGylated paclitaxel polymer prodrug nanoparticles for cancer therapy. <i>Polymer Chemistry</i> , 2018, 9, 687-698.	3.9	23
29	Antibody-functionalized polymer nanoparticle leading to memory recovery in Alzheimer's disease-like transgenic mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 609-618.	3.3	109
30	Telechelic polymers from reversible-deactivation radical polymerization for biomedical applications. <i>Chemical Communications</i> , 2018, 54, 228-240.	4.1	26
31	Drug-Initiated Synthesis of Cladribine-Based Polymer Prodrug Nanoparticles: Biological Evaluation and Structure Activity Relationships. <i>ACS Symposium Series</i> , 2018, , 201-217.	0.5	0
32	Best Practices for New Polymers and Nanoparticulate Systems. <i>Chemistry of Materials</i> , 2018, 30, 6587-6588.	6.7	4
33	Degradable polymer prodrugs with adjustable activity from drug-initiated radical ring-opening copolymerization. <i>Chemical Science</i> , 2018, 9, 8291-8306.	7.4	38
34	A facile route to heterotelechelic polymer prodrug nanoparticles for imaging, drug delivery and combination therapy. <i>Journal of Controlled Release</i> , 2018, 286, 425-438.	9.9	22
35	Radical Ring-Opening Polymerization: Scope, Limitations, and Application to (Bio)Degradable Materials. <i>Chemical Reviews</i> , 2017, 117, 1319-1406.	47.7	254
36	Structure-cytotoxicity relationship of drug-initiated polymer prodrug nanoparticles. <i>Polymer Chemistry</i> , 2017, 8, 5174-5184.	3.9	24

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37	A comprehensive kinetic study of the conventional free-radical polymerization of seven-membered cyclic ketene acetals. <i>Polymer Chemistry</i> , 2017, 8, 5139-5147.	3.9	30
38	Fluorescent polymer prodrug nanoparticles with aggregation-induced emission (AIE) properties from nitroxide-mediated polymerization. <i>Chemical Communications</i> , 2017, 53, 4489-4492.	4.1	50
39	Radical Ring-Opening Copolymerization of Cyclic Ketene Acetals and Maleimides Affords Homogeneous Incorporation of Degradable Units. <i>ACS Macro Letters</i> , 2017, 6, 1071-1077.	4.8	63
40	Radical Copolymerization of Vinyl Ethers and Cyclic Ketene Acetals as a Versatile Platform to Design Functional Polyesters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16515-16520.	13.8	65
41	Radical Copolymerization of Vinyl Ethers and Cyclic Ketene Acetals as a Versatile Platform to Design Functional Polyesters. <i>Angewandte Chemie</i> , 2017, 129, 16742-16747.	2.0	15
42	Simple Synthesis of Cladribine-Based Anticancer Polymer Prodrug Nanoparticles with Tunable Drug Delivery Properties. <i>Chemistry of Materials</i> , 2016, 28, 6266-6275.	6.7	30
43	Pulmonary Surfactant Protein A-Mediated Enrichment of Surface-Decorated Polymeric Nanoparticles in Alveolar Macrophages. <i>Molecular Pharmaceutics</i> , 2016, 13, 4168-4178.	4.6	25
44	Efficient synthesis of 2-methylene-4-phenyl-1,3-dioxolane, a cyclic ketene acetal for controlling the NMP of methyl methacrylate and conferring tunable degradability. <i>Polymer Chemistry</i> , 2016, 7, 4427-4435.	3.9	43
45	Nitroxide-Mediated Polymerization of Vinyl Chloride at Low Temperature: Kinetic and Computational Studies. <i>Macromolecules</i> , 2016, 49, 490-498.	4.8	34
46	Drug-Initiated Synthesis of Polymer Prodrugs: Combining Simplicity and Efficacy in Drug Delivery. <i>Chemistry of Materials</i> , 2016, 28, 1591-1606.	6.7	86
47	Cyclopentyl methyl ether as a green solvent for reversible-addition fragmentation chain transfer and nitroxide-mediated polymerizations. <i>RSC Advances</i> , 2016, 6, 7495-7503.	3.6	21
48	Lipid prodrug nanocarriers in cancer therapy. <i>Journal of Controlled Release</i> , 2015, 208, 25-41.	9.9	94
49	A ring to rule them all: a cyclic ketene acetal comonomer controls the nitroxide-mediated polymerization of methacrylates and confers tunable degradability. <i>Chemical Communications</i> , 2015, 51, 12847-12850.	4.1	43
50	Solvent selection causes remarkable shifts of the α -Ouzo region for poly(lactide-co-glycolide) nanoparticles prepared by nanoprecipitation. <i>Nanoscale</i> , 2015, 7, 9215-9221.	5.6	57
51	One-Step Synthesis of Azlactone-Functionalized SG1-Based Alkoxyamine for Nitroxide-Mediated Polymerization and Bioconjugation. <i>Macromolecules</i> , 2015, 48, 2087-2097.	4.8	16
52	On the structure–control relationship of amide-functionalized SG1-based alkoxyamines for nitroxide-mediated polymerization and conjugation. <i>Polymer Chemistry</i> , 2015, 6, 5693-5704.	3.9	13
53	Nitroxide-Mediated Polymerization of Methacrylic Esters: Insights and Solutions to a Long-Standing Problem. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1227-1247.	3.9	53
54	Design attributes of long-circulating polymeric drug delivery vehicles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 304-317.	4.3	49

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55	Degradable vinyl polymers for biomedical applications. <i>Nature Chemistry</i> , 2015, 7, 771-784.	13.6	294
56	The Drug-Initiated Method: A Convenient Approach for the Synthesis of Efficient Polymer Prodrug Nanoparticles. <i>ACS Symposium Series</i> , 2015, , 257-272.	0.5	1
57	Chapter 7. NMP of Methacrylic Esters: How to Circumvent a Long-time Obstacle. <i>RSC Polymer Chemistry Series</i> , 2015, , 305-348.	0.2	2
58	Chapter 9. NMP-derived Materials for Biomedical Applications. <i>RSC Polymer Chemistry Series</i> , 2015, , 383-405.	0.2	0
59	RGD decoration of PEGylated polyester nanocapsules of perfluorooctyl bromide for tumor imaging: Influence of pre or post-functionalization on capsule morphology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 170-177.	4.3	39
60	Recent trends in the design of anticancer polymer prodrug nanocarriers. <i>Polymer Chemistry</i> , 2014, 5, 1529-1544.	3.9	246
61	Multifunctional squalene-based prodrug nanoparticles for targeted cancer therapy. <i>Chemical Communications</i> , 2014, 50, 5336-5338.	4.1	56
62	In the (Very) Long Run We Are All Dead: Activation and Termination in SET-LRP/SARA-ATRP. <i>ACS Macro Letters</i> , 2014, 3, 643-647.	4.8	40
63	Nitroxide-Mediated Radical Ring-Opening Copolymerization: Chain-End Investigation and Block Copolymer Synthesis. <i>Macromolecular Rapid Communications</i> , 2014, 35, 484-491.	3.9	45
64	Significant Tumor Growth Inhibition from Naturally Occurring Lipid-Containing Polymer Prodrug Nanoparticles Obtained by the Drug-Initiated Method. <i>Chemistry of Materials</i> , 2014, 26, 3606-3609.	6.7	28
65	Precise Engineering of Multifunctional PEGylated Polyester Nanoparticles for Cancer Cell Targeting and Imaging. <i>Chemistry of Materials</i> , 2014, 26, 1834-1847.	6.7	46
66	Living Radical Polymerization: Nitroxide-Mediated Polymerization. , 2014, , 1-16.		0
67	Polymer Prodrug Nanoparticles Based on Naturally Occurring Isoprenoid for Anticancer Therapy. <i>Biomacromolecules</i> , 2013, 14, 2837-2847.	5.4	55
68	Scope and limitations of the nitroxide-mediated radical ring-opening polymerization of cyclic ketene acetals. <i>Polymer Chemistry</i> , 2013, 4, 4776.	3.9	38
69	Solution Phase and Nanoparticulate Biosynthetically Inspired Interconnections in the Canthinone Carbolone Series and Study of Phenotypic Properties on <i>C. elegans</i> . <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5821-5828.	2.4	7
70	Nitroxide-mediated polymerization. <i>Progress in Polymer Science</i> , 2013, 38, 63-235.	24.7	1,167
71	Stimuli-responsive nanocarriers for drug delivery. <i>Nature Materials</i> , 2013, 12, 991-1003.	27.5	5,084
72	Degradable and Comb-Like PEG-Based Copolymers by Nitroxide-Mediated Radical Ring-Opening Polymerization. <i>Biomacromolecules</i> , 2013, 14, 3769-3779.	5.4	87

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73	Facile Synthesis of Multicompartment Micelles Based on Biocompatible Poly(ϵ -hydroxyalkanoate). <i>Macromolecular Rapid Communications</i> , 2013, 34, 362-368.	3.9	32
74	Design, functionalization strategies and biomedical applications of targeted biodegradable/biocompatible polymer-based nanocarriers for drug delivery. <i>Chemical Society Reviews</i> , 2013, 42, 1147-1235.	38.1	1,104
75	Nanoparticles with In β Vivo Anticancer Activity from Polymer Prodrug Amphiphiles Prepared by Living Radical Polymerization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1678-1682.	13.8	83
76	Effect of nanoparticles binding β -amyloid peptide on nitric oxide production by cultured endothelial cells and macrophages. <i>International Journal of Nanomedicine</i> , 2013, 8, 1335.	6.7	11
77	Targeted Delivery Using Biodegradable Polymeric Nanoparticles. , 2012, , 255-288.		6
78	Magnetic Nanoparticles: Design and Characterization, Toxicity and Biocompatibility, Pharmaceutical and Biomedical Applications. <i>Chemical Reviews</i> , 2012, 112, 5818-5878.	47.7	1,769
79	Comproportionation versus Disproportionation in the Initiation Step of Cu(0)-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2012, 45, 7388-7396.	4.8	50
80	PEGylated Nanoparticles Bind to and Alter Amyloid-Beta Peptide Conformation: Toward Engineering of Functional Nanomedicines for Alzheimer's Disease. <i>ACS Nano</i> , 2012, 6, 5897-5908.	14.6	164
81	Near infrared labeling of PLGA for in vivo imaging of nanoparticles. <i>Polymer Chemistry</i> , 2012, 3, 694.	3.9	39
82	Use of Solvent Effects to Improve Control Over Nitroxide-Mediated Polymerization of Isoprene. <i>Macromolecular Rapid Communications</i> , 2012, 33, 805-810.	3.9	33
83	Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimer's Disease. <i>ACS Nano</i> , 2012, 6, 5866-5879.	14.6	127
84	Quantum dot-loaded PEGylated poly(alkyl cyanoacrylate) nanoparticles for in vitro and in vivo imaging. <i>Soft Matter</i> , 2011, 7, 6187.	2.7	23
85	SG1 Nitroxide-Mediated Polymerization of Isoprene: Alkoxyamine Structure/Control Relationship and β -Chain-End Functionalization. <i>Macromolecules</i> , 2011, 44, 9230-9238.	4.8	59
86	First peptide/protein PEGylation with functional polymers designed by nitroxide-mediated polymerization. <i>Polymer Chemistry</i> , 2011, 2, 1523.	3.9	68
87	Simple and efficient copper metal-mediated synthesis of alkoxyamine initiators. <i>Polymer Chemistry</i> , 2011, 2, 1859.	3.9	46
88	Biodegradable Nanoparticles Meet the Bronchial Airway Barrier: How Surface Properties Affect Their Interaction with Mucus and Epithelial Cells. <i>Biomacromolecules</i> , 2011, 12, 4136-4143.	5.4	91
89	Colloidal properties of biodegradable nanoparticles influence interaction with amyloid- β peptide. <i>Journal of Biotechnology</i> , 2011, 156, 338-340.	3.8	19
90	Influence of surface charge on the potential toxicity of PLGA nanoparticles towards Calu-3 cells. <i>International Journal of Nanomedicine</i> , 2011, 6, 2591.	6.7	108

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91	Nanotechnologies for Alzheimer's disease: diagnosis, therapy, and safety issues. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 521-540.	3.3	240
92	Selegiline-functionalized, PEGylated poly(alkyl cyanoacrylate) nanoparticles: Investigation of interaction with amyloid- β peptide and surface reorganization. <i>International Journal of Pharmaceutics</i> , 2011, 416, 453-460.	5.2	25
93	Poly(Alkyl Cyanoacrylate) Nanosystems. <i>Fundamental Biomedical Technologies</i> , 2011, , 225-250.	0.2	7
94	Recent advances in the design of bioconjugates from controlled/living radical polymerization. <i>Polymer Chemistry</i> , 2010, 1, 563.	3.9	209
95	PEGylation and preliminary biocompatibility evaluation of magnetite-silica nanocomposites obtained by high energy ball milling. <i>International Journal of Pharmaceutics</i> , 2010, 401, 103-112.	5.2	28
96	A minimal amount of acrylonitrile turns the nitroxide-mediated polymerization of methyl methacrylate into an almost ideal controlled/living system. <i>Journal of Polymer Science Part A</i> , 2010, 48, 34-47.	2.3	119
97	New Method Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection (CE-LIF) to Monitor Interaction between Nanoparticles and the Amyloid- β Peptide. <i>Analytical Chemistry</i> , 2010, 82, 10083-10089.	6.5	50
98	Design of fluorescently tagged poly(alkyl cyanoacrylate) nanoparticles for human brain endothelial cell imaging. <i>Chemical Communications</i> , 2010, 46, 2602.	4.1	44
99	Facile Synthesis of Innocuous Comb-Shaped Polymethacrylates with PEG Side Chains by Nitroxide-Mediated Radical Polymerization in Hydroalcoholic Solutions. <i>Macromolecules</i> , 2010, 43, 9291-9303.	4.8	70
100	Application of thermal analysis to the study of lipidic prodrug incorporation into nanocarriers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 65-71.	3.6	7
101	Synthesis of poly(alkyl cyanoacrylate)-based colloidal nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 111-127.	6.1	91
102	Comprehensive Modeling Study of Nitroxide-Mediated Controlled/Living Radical Copolymerization of Methyl Methacrylate with a Small Amount of Styrene. <i>Macromolecules</i> , 2009, 42, 4470-4478.	4.8	86
103	Formulation of Didanosine Prodrugs into PEGylated Poly(alkyl cyanoacrylate) Nanoparticles and Uptake by Brain Endothelial Cells. <i>Journal of Nanoneuroscience</i> , 2009, 1, 174-183.	0.5	3
104	β -Hydrogen transfer from poly(methyl methacrylate) propagating radicals to the nitroxide SG1: Analysis of the chain-end and determination of the rate constant. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6333-6345.	2.3	89
105	Novel PEGylated Nanoassemblies Made of Self-Assembled Squalenoyl Nucleoside Analogues. <i>Advanced Functional Materials</i> , 2008, 18, 3715-3725.	14.9	67
106	Separation of complex branched polymers by size-exclusion chromatography probed with multiple detection. <i>Journal of Chromatography A</i> , 2008, 1190, 215-223.	3.7	77
107	Fluorescently Labeled Protein-Polymer Bioconjugates Using Protein-Derived Macroinitiators from Living Radical Polymerization. <i>ACS Symposium Series</i> , 2008, , 78-94.	0.5	4
108	Synthesis of Highly Functionalized Poly(alkyl cyanoacrylate) Nanoparticles by Means of Click Chemistry. <i>Macromolecules</i> , 2008, 41, 8418-8428.	4.8	40

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109	Comblike Polymethacrylates with Poly(ethylene glycol) Side Chains via Nitroxide-Mediated Controlled Free-Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 3758-3761.	4.8	58
110	Site-Directed Conjugation of α -Clicked Glycopolymers To Form Glycoprotein Mimics: Binding to Mammalian Lectin and Induction of Immunological Function. <i>Journal of the American Chemical Society</i> , 2007, 129, 15156-15163.	13.7	281
111	Bioconjugation onto biological surfaces with fluorescently labeled polymers. <i>Chemical Communications</i> , 2007, , 1722.	4.1	35
112	Living Radical Polymerization as a Tool for the Synthesis of Polymer-Protein/Peptide Bioconjugates. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1083-1111.	3.9	305
113	Water-soluble SG1-based alkoxyamines: A breakthrough in controlled/living free-radical polymerization in aqueous dispersed media. <i>Polymer</i> , 2007, 48, 5813-5833.	3.8	130
114	Nanostructured latex particles synthesized by nitroxide-mediated controlled/living free-radical polymerization in emulsion. <i>Polymer</i> , 2007, 48, 7029-7040.	3.8	73
115	Aqueous suspension of amphiphilic diblock copolymer nanoparticles prepared in situ from a water-soluble poly(sodium acrylate) alkoxyamine macroinitiator. <i>Soft Matter</i> , 2006, 2, 223.	2.7	102
116	Living Character of Polymer Chains Prepared via Nitroxide-Mediated Controlled Free-Radical Polymerization of Methyl Methacrylate in the Presence of a Small Amount of Styrene at Low Temperature. <i>Macromolecules</i> , 2006, 39, 8274-8282.	4.8	212
117	Fluorescently tagged polymer bioconjugates from protein derived macroinitiators. <i>Chemical Communications</i> , 2006, , 4697.	4.1	129
118	Multistep and semibatch nitroxide-mediated controlled free-radical emulsion polymerization: A significant step toward conceivable industrial processes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4142-4153.	2.3	61
119	Surfactant-free synthesis of amphiphilic diblock copolymer nanoparticles via nitroxide-mediated emulsion polymerization. <i>Chemical Communications</i> , 2005, , 614.	4.1	136
120	Miniemulsion Polymerization of Styrene Using a pH-Responsive Cationic Diblock Macromonomer and Its Nonreactive Diblock Copolymer Counterpart as Stabilizers. <i>Langmuir</i> , 2005, 21, 6726-6733.	3.5	35
121	Nitroxide-Mediated Controlled Free-Radical Emulsion Polymerization Using a Difunctional Water-Soluble Alkoxyamine Initiator. Toward the Control of Particle Size, Particle Size Distribution, and the Synthesis of Triblock Copolymers. <i>Macromolecules</i> , 2005, 38, 9963-9973.	4.8	120
122	Theoretical Expression of the Average Activation/Deactivation Equilibrium Constant in Controlled/Living Free-Radical Copolymerization Operating via Reversible Termination. Application to a Strongly Improved Control in Nitroxide-Mediated Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2005, 38, 5485-5492.	4.8	226
123	Nitroxide-Mediated Controlled Free-Radical Emulsion Polymerization of Styrene and n-Butyl Acrylate with a Water-Soluble Alkoxyamine as Initiator. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6186-6189.	13.8	136
124	Novel SG1-Based Water-Soluble Alkoxyamine for Nitroxide-Mediated Controlled Free-Radical Polymerization of Styrene and n-Butyl Acrylate in Miniemulsion. <i>Macromolecules</i> , 2004, 37, 4453-4463.	4.8	122
125	Kinetic study of the nitroxide-mediated controlled free-radical polymerization of n-butyl acrylate in aqueous miniemulsions. <i>Journal of Polymer Science Part A</i> , 2002, 40, 4410-4420.	2.3	67