

# Mitsuo Sawamoto

## List of Publications by Year in descending order

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256  
papers

20,451  
citations

22548

61  
h-index

12638

137  
g-index

263  
all docs

263  
docs citations

263  
times ranked

8863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular imprinting on amphiphilic folded polymers for selective molecular recognition in water. <i>Journal of Polymer Science</i> , 2020, 58, 215-224.	2.0	5
2	Synergistic Advances in Living Cationic and Radical Polymerizations. <i>Macromolecules</i> , 2020, 53, 6749-6753.	2.2	46
3	Unprecedented Sequence Control and Sequence-Driven Properties in a Series of AB-Alternating Copolymers Consisting Solely of Acrylamide Units. <i>Angewandte Chemie</i> , 2020, 132, 5231-5239.	1.6	4
4	Unprecedented Sequence Control and Sequence-Driven Properties in a Series of AB-Alternating Copolymers Consisting Solely of Acrylamide Units. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5193-5201.	7.2	36
5	Self-assembly of amphiphilic block pendant polymers as microphase separation materials and folded flower micelles. <i>Polymer Chemistry</i> , 2019, 10, 4954-4961.	1.9	30
6	Orthogonal Folding of Amphiphilic/Fluorous Random Block Copolymers for Double and Multicompartment Micelles in Water. <i>ACS Macro Letters</i> , 2019, 8, 320-325.	2.3	19
7	Design of maleimide monomer for higher level of alternating sequence in radical copolymerization with styrene. <i>Journal of Polymer Science Part A</i> , 2019, 57, 367-375.	2.5	19
8	Smart-Catalysis with thermoresponsive ruthenium catalysts for miniemulsion mediated reversible deactivation radical polymerization cocatalyzed by smart iron cocatalysts. <i>Journal of Polymer Science Part A</i> , 2019, 57, 305-312.	2.5	4
9	Self-assembly of amphiphilic ABA random triblock copolymers in water. <i>Journal of Polymer Science Part A</i> , 2019, 57, 313-321.	2.5	6
10	Self-Sorting of Amphiphilic Copolymers for Self-Assembled Materials in Water: Polymers Can Recognize Themselves. <i>Journal of the American Chemical Society</i> , 2019, 141, 511-519.	6.6	43
11	Amphiphilic fluorous random copolymer self-assembly for encapsulation of a fluorinated agrochemical. <i>Journal of Polymer Science Part A</i> , 2019, 57, 352-359.	2.5	14
12	Fluorous Gradient Copolymers via in-Situ Transesterification of a Perfluoromethacrylate in Tandem Living Radical Polymerization: Precision Synthesis and Physical Properties. <i>Macromolecules</i> , 2018, 51, 864-871.	2.2	15
13	Programmed Self-Assembly Systems of Amphiphilic Random Copolymers into Size-Controlled and Thermoresponsive Micelles in Water. <i>Macromolecules</i> , 2018, 51, 398-409.	2.2	102
14	Sequence-controlled polymers via reversible-deactivation radical polymerization. <i>Polymer Journal</i> , 2018, 50, 83-94.	1.3	74
15	Acrylate-Selective Transesterification of Methacrylate/Acrylate Copolymers: Postfunctionalization with Common Acrylates and Alcohols. <i>ACS Macro Letters</i> , 2018, 7, 997-1002.	2.3	30
16	Control of the Alternating Sequence for N-Isopropylacrylamide (NIPAM) and Methacrylic Acid Units in a Copolymer by Cyclopolymerization and Transformation of the Cyclopendant Group. <i>Angewandte Chemie</i> , 2018, 130, 11071-11075.	1.6	12
17	Control of the Alternating Sequence for N-Isopropylacrylamide (NIPAM) and Methacrylic Acid Units in a Copolymer by Cyclopolymerization and Transformation of the Cyclopendant Group. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10905-10909.	7.2	59
18	Intramolecular Folding or Intermolecular Self-Assembly of Amphiphilic Random Copolymers: On-Demand Control by Pendant Design. <i>Macromolecules</i> , 2018, 51, 3738-3745.	2.2	50

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19	Nanostructured Materials via the Pendant Self-Assembly of Amphiphilic Crystalline Random Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 8376-8379.	6.6	70
20	Amphiphilic PEG-Functionalized Gradient Copolymers via Tandem Catalysis of Living Radical Polymerization and Transesterification. <i>Macromolecules</i> , 2017, 50, 822-831.	2.2	29
21	Precision Synthesis of Imine-Functionalized Reversible Microgel Star Polymers via Dynamic Covalent Cross-Linking of Hydrogen-Bonding Block Copolymer Micelles. <i>Macromolecules</i> , 2017, 50, 587-596.	2.2	20
22	A Study on Physical Properties of Cyclic Poly(vinyl ether)s Synthesized via Ring-Expansion Cationic Polymerization. <i>Macromolecules</i> , 2017, 50, 841-848.	2.2	44
23	Synthesis of fluorinated gradient copolymers via in situ transesterification with fluoroalcohols in tandem living radical polymerization. <i>Polymer Chemistry</i> , 2017, 8, 2299-2308.	1.9	19
24	Expanding vinyl ether monomer repertoire for ring-expansion cationic polymerization: Various cyclic polymers with tailored pendant groups. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3082-3089.	2.5	12
25	Compartmentalization Technologies via Self-Assembly and Cross-Linking of Amphiphilic Random Block Copolymers in Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 7164-7167.	6.6	87
26	<i>50th Anniversary Perspective</i>: Metal-Catalyzed Living Radical Polymerization: Discovery and Perspective. <i>Macromolecules</i> , 2017, 50, 2603-2614.	2.2	136
27	Self-Assembly of Hydrogen-Bonding Gradient Copolymers: Sequence Control via Tandem Living Radical Polymerization with Transesterification. <i>Macromolecules</i> , 2017, 50, 3215-3223.	2.2	27
28	Macromol. Chem. Phys. 18/2017. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	1.1	1
29	Self-Folding Polymer Iron Catalysts for Living Radical Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 830-835.	2.3	63
30	Self-Assembly of Amphiphilic Random Copolyacrylamides into Uniform and Necklace Micelles in Water. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700230.	1.1	51
31	Fluorous Comonomer Modulates the Reactivity of Cyclic Ketene Acetal and Degradation of Vinyl Polymers. <i>Macromolecules</i> , 2017, 50, 9222-9232.	2.2	36
32	Self-assembly of PEG/dodecyl-graft amphiphilic copolymers in water: consequences of the monomer sequence and chain flexibility on uniform micelles. <i>Polymer Chemistry</i> , 2017, 8, 7248-7259.	1.9	86
33	Cyclopolymerization of Cleavable Acrylate-Vinyl Ether Divinyl Monomer via Nitroxide-Mediated Radical Polymerization: Copolymer beyond Reactivity Ratio. <i>ACS Macro Letters</i> , 2017, 6, 754-757.	2.3	28
34	Ring-expansion cationic polymerization of vinyl ethers. <i>Polymer Chemistry</i> , 2017, 8, 4970-4977.	1.9	29
35	Self-Assembly of Amphiphilic Random Copolymers: Precision Nanoaggregates Controlled by Primary Structure. <i>Kobunshi Ronbunshu</i> , 2017, 74, 265-277.	0.2	2
36	Precision Self-Assembly of Amphiphilic Random Copolymers into Uniform and Self-Sorting Nanocompartments in Water. <i>Macromolecules</i> , 2016, 49, 5084-5091.	2.2	139

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37	A strategy for sequence control in vinyl polymers via iterative controlled radical cyclization. <i>Nature Communications</i> , 2016, 7, 11064.	5.8	97
38	Cationic Cp* $\mu$ -Ruthenium Catalysts for Metal-Catalyzed Living Radical Polymerization: Cocatalyst-Independent Catalysis Tuned by Counteranion. <i>Macromolecules</i> , 2016, 49, 2962-2970.	2.2	7
39	Terminal-Selective Transesterification of Chlorine-Capped Poly(Methyl Methacrylate)s: A Modular Approach to Telechelic and Pinpoint-Functionalized Polymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 5012-5015.	6.6	26
40	Sequence Analysis for Alternating Copolymers by MALDI-TOF-MS: Importance of Initiator Selectivity for Comonomer Pair. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1414-1420.	2.0	18
41	Amphiphilic Random Copolymers with Hydrophobic/Hydrogen-Bonding Urea Pendant: Self-Folding Polymers in Aqueous and Organic Media. <i>Macromolecules</i> , 2016, 49, 7917-7927.	2.2	77
42	Protein storage with perfluorinated PEG compartments in a hydrofluorocarbon solvent. <i>Polymer Chemistry</i> , 2016, 7, 6694-6698.	1.9	36
43	Polyacrylamide pseudo crown ethers via hydrogen bond-assisted cyclopolymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3294-3302.	2.5	10
44	Ferrocene cocatalysis for ruthenium-catalyzed radical miniemulsion polymerization. <i>Polymer</i> , 2016, 106, 313-319.	1.8	3
45	A convergent approach to ring polymers with narrow molecular weight distributions through post dilution in ring expansion cationic polymerization. <i>Polymer Chemistry</i> , 2016, 7, 6911-6917.	1.9	17
46	Periodic introduction of a Hamilton receptor into a polystyrene backbone for a supramolecular graft copolymer with regular intervals. <i>Polymer Chemistry</i> , 2016, 7, 7152-7160.	1.9	2
47	Alternating Sequence Control for Carboxylic Acid and Hydroxy Pendant Groups by Controlled Radical Cyclopolymerization of a Divinyl Monomer Carrying a Cleavable Spacer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14584-14589.	7.2	65
48	Alternating Sequence Control for Carboxylic Acid and Hydroxy Pendant Groups by Controlled Radical Cyclopolymerization of a Divinyl Monomer Carrying a Cleavable Spacer. <i>Angewandte Chemie</i> , 2016, 128, 14804-14809.	1.6	20
49	Macromol. Rapid Commun. 17/2016. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1476-1476.	2.0	0
50	Multimode Self-Folding Polymers via Reversible and Thermoresponsive Self-Assembly of Amphiphilic/Fluorous Random Copolymers. <i>Macromolecules</i> , 2016, 49, 4534-4543.	2.2	87
51	Iterative Radical Addition with a Special Monomer Carrying Bulky and Convertible Pendant: A New Concept toward Controlling the Sequence for Vinyl Polymers. <i>ACS Macro Letters</i> , 2016, 5, 745-749.	2.3	47
52	Design of a hydrophilic ruthenium catalyst for metal-catalyzed living radical polymerization: highly active catalysis in water. <i>RSC Advances</i> , 2016, 6, 6577-6582.	1.7	11
53	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers. <i>Kobunshi Ronbunshu</i> , 2015, 72, 468-479.	0.2	0
54	Design and Functions of Fluorous Nanospaces with Microgel Star Polymers and Amphiphilic Random Copolymers. <i>Kobunshi Ronbunshu</i> , 2015, 72, 691-706.	0.2	1

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55	Synthesis of Amphiphilic Three-Armed Star Random Copolymers via Living Radical Polymerization and their Unimolecular Folding Properties in Water. <i>Macromolecular Symposia</i> , 2015, 350, 76-85.	0.4	29
56	Fluorinated microgel star polymers as fluororous nanocapsules for the encapsulation and release of perfluorinated compounds. <i>Polymer Chemistry</i> , 2015, 6, 5663-5674.	1.9	15
57	Shuttling Catalyst for Living Radical Miniemulsion Polymerization: Thermoresponsive Ligand for Efficient Catalysis and Removal. <i>ACS Macro Letters</i> , 2015, 4, 628-631.	2.3	11
58	Ferrocene Cocatalysis for Iron-Catalyzed Living Radical Polymerization: Active, Robust, and Sustainable System under Concerted Catalysis by Two Iron Complexes. <i>Macromolecules</i> , 2015, 48, 4294-4300.	2.2	29
59	Star Polymer Gels with Fluorinated Microgels via Star-Star Coupling and Cross-Linking for Water Purification. <i>ACS Macro Letters</i> , 2015, 4, 377-380.	2.3	23
60	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers: Optimized Ring Propagation. <i>Macromolecular Symposia</i> , 2015, 350, 105-116.	0.4	17
61	A thermoresponsive polymer supporter for concerted catalysis of ferrocene with a ruthenium catalyst in living radical polymerization: high activity and efficient removal of metal residues. <i>Polymer Chemistry</i> , 2015, 6, 7821-7826.	1.9	10
62	Single-chain crosslinked star polymers via intramolecular crosslinking of self-folding amphiphilic copolymers in water. <i>Polymer Journal</i> , 2015, 47, 667-677.	1.3	50
63	LCST-Type Phase Separation of Poly[poly(ethylene glycol) methyl ether methacrylate]s in Hydrofluorocarbon. <i>ACS Macro Letters</i> , 2015, 4, 1366-1369.	2.3	21
64	Amphiphilic/fluorous random copolymers as a new class of non-cytotoxic polymeric materials for protein conjugation. <i>Polymer Chemistry</i> , 2015, 6, 240-247.	1.9	75
65	Sequence-Regulated Polymers via Living Radical Polymerization: From Design to Properties and Functions. <i>ACS Symposium Series</i> , 2014, , 255-267.	0.5	25
66	Understanding the catalytic activity of single-chain polymeric nanoparticles in water. <i>Journal of Polymer Science Part A</i> , 2014, 52, 12-20.	2.5	101
67	Selective Single Monomer Radical Addition via Template-Assisted Ring Closure: A Feasibility Study toward Sequence Control in Vinyl Polymers with Peptide Templates. <i>ACS Symposium Series</i> , 2014, , 149-160.	0.5	4
68	Fluorous Microgel Star Polymers: Selective Recognition and Separation of Polyfluorinated Surfactants and Compounds in Water. <i>Journal of the American Chemical Society</i> , 2014, 136, 15742-15748.	6.6	86
69	Synthesis and Single-Chain Folding of Amphiphilic Random Copolymers in Water. <i>Macromolecules</i> , 2014, 47, 589-600.	2.2	211
70	Core-imprinted Star Polymers via Living Radical Polymerization: Precision Cavity Microgels for Selective Molecular Recognition. <i>Chemistry Letters</i> , 2014, 43, 1690-1692.	0.7	8
71	Synchronized Tandem Catalysis of Living Radical Polymerization and Transesterification: Methacrylate Gradient Copolymers with Extremely Broad Glass Transition Temperature. <i>ACS Macro Letters</i> , 2013, 2, 985-989.	2.3	37
72	Sequence-Controlled Polymers. <i>Science</i> , 2013, 341, 1238149.	6.0	1,097

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73	Phosphineâ€“Ligand Decoration toward Active and Robust Iron Catalysts in LRP. <i>Macromolecules</i> , 2013, 46, 3342-3349.	2.2	46
74	Ring-Expansion Living Cationic Polymerization via Reversible Activation of a Hemiacetal Ester Bond. <i>ACS Macro Letters</i> , 2013, 2, 531-534.	2.3	62
75	Chain center-functionalized amphiphilic block polymers: Complementary hydrogen bond self-assembly in aqueous solution. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4498-4504.	2.5	7
76	Aqueous metal-catalyzed living radical polymerization: highly active water-assisted catalysis. <i>Polymer Journal</i> , 2012, 44, 51-58.	1.3	23
77	Consecutive living polymerization from cationic to radical: a straightforward yet versatile methodology for the precision synthesis of â€œcleavableâ€“block copolymers with a hemiacetal ester junction. <i>Polymer Chemistry</i> , 2012, 3, 2193.	1.9	8
78	Ferrocene Cocatalysis in Metal-Catalyzed Living Radical Polymerization: Concerted Redox for Highly Active Catalysis. <i>ACS Macro Letters</i> , 2012, 1, 321-323.	2.3	15
79	Sequence-Regulated Copolymers via Tandem Catalysis of Living Radical Polymerization and In Situ Transesterification. <i>Journal of the American Chemical Society</i> , 2012, 134, 4373-4383.	6.6	140
80	Microgel-Core Star Polymers as Functional Compartments for Catalysis and Molecular Recognition. <i>ACS Symposium Series</i> , 2012, , 65-80.	0.5	15
81	Professor Fosong Wang on his 80th birthday: A great scientist and a great ambassador. <i>Science China Chemistry</i> , 2012, 55, 647-647.	4.2	1
82	Transfer hydrogenation of ketones catalyzed by PEG-armed ruthenium-microgel star polymers: microgel-core reaction space for active, versatile and recyclable catalysis. <i>Polymer Journal</i> , 2011, 43, 770-777.	1.3	30
83	Fluorinated Microgel-Core Star Polymers as Fluorous Compartments for Molecular Recognition. <i>Macromolecules</i> , 2011, 44, 4574-4578.	2.2	49
84	Design of AB divinyl â€œtemplate monomersâ€“toward alternating sequence control in metal-catalyzed living radical polymerization. <i>Polymer Chemistry</i> , 2011, 2, 341-347.	1.9	118
85	Single-chain technology using discrete synthetic macromolecules. <i>Nature Chemistry</i> , 2011, 3, 917-924.	6.6	348
86	Dicarbonyl pentaphenylcyclopentadienyl iron complex for living radical polymerization: Smooth generation of real active catalysts collaborating with phosphine ligand. <i>Journal of Polymer Science Part A</i> , 2011, 49, 537-544.	2.5	8
87	Oxidation of secâ€“alcohols with Ru(II)-bearing microgel star polymer catalysts via hydrogen transfer reaction: Unique microgelâ€œcore catalysis. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1061-1069.	2.5	30
88	Starâ€“Polymerâ€“Catalyzed Living Radical Polymerization: Microgelâ€“Core Reaction Vessel by Tandem Catalyst Interchange. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7892-7895.	7.2	74
89	Sequenceâ€“Regulated Radical Polymerization with a Metalâ€“Templated Monomer: Repetitive ABA Sequence by Double Cyclopolymerization. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7434-7437.	7.2	195
90	Thermoregulated phaseâ€“transfer catalysis via PEGâ€“armed Ru(II)-bearing microgel core star polymers: Efficient and reusable Ru(II) catalysts for aqueous transfer hydrogenation of ketones. <i>Journal of Polymer Science Part A</i> , 2010, 48, 373-379.	2.5	74

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91	Living cationic polymerization of an azide-containing vinyl ether toward addressable functionalization of polymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1449-1455.	2.5	12
92	Selective single monomer addition in living cationic polymerization: Sequential double end-functionalization in combination with capping agent. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3375-3381.	2.5	9
93	Carbonyl-phosphine hetero-ligated half-metallocene iron(II) catalysts for living radical polymerization: concomitant activity and stability. <i>Polymer Journal</i> , 2010, 42, 17-24.	1.3	23
94	Template-Assisted Selective Radical Addition toward Sequence-Regulated Polymerization: Lariat Capture of Target Monomer by Template Initiator. <i>Journal of the American Chemical Society</i> , 2010, 132, 14748-14750.	6.6	137
95	Bisphosphine Monoxide-Ligated Ruthenium Catalysts: Active, Versatile, Removable, and Cocatalyst-Free in Living Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 5989-5995.	2.2	36
96	Carbonyl-Phosphine Heteroligation for Pentamethylcyclopentadienyl (Cp*)-Iron Complexes: Highly Active and Versatile Catalysts for Living Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 920-926.	2.2	41
97	Antithetic function of alcohol in living cationic polymerization: From terminator/inhibitor to useful initiator. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4194-4201.	2.5	9
98	Concurrent Tandem Living Radical Polymerization: Gradient Copolymers via In Situ Monomer Transformation with Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 13600-13601.	6.6	84
99	Selective Radical Addition with a Designed Heterobifunctional Halide: A Primary Study toward Sequence-Controlled Polymerization upon Template Effect. <i>Journal of the American Chemical Society</i> , 2009, 131, 10808-10809.	6.6	171
100	Active, Versatile, and Removable Iron Catalysts with Phosphazanium Salts for Living Radical Polymerization of Methacrylates. <i>Macromolecules</i> , 2009, 42, 188-193.	2.2	78
101	Transition Metal-Catalyzed Living Radical Polymerization: Toward Perfection in Catalysis and Precision Polymer Synthesis. <i>Chemical Reviews</i> , 2009, 109, 4963-5050.	23.0	1,208
102	Evolution of iron catalysts for effective living radical polymerization: Pâ€N chelate ligand for enhancement of catalytic performances. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6819-6827.	2.5	39
103	Highly Active and Removable Ruthenium Catalysts for Transition-Metal-Catalyzed Living Radical Polymerization: Design of Ligands and Cocatalysts. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1358-1364.	1.7	31
104	Precision Control of Radical Polymerization via Transition Metal Catalysis: From Dormant Species to Designed Catalysts for Precision Functional Polymers. <i>Accounts of Chemical Research</i> , 2008, 41, 1120-1132.	7.6	192
105	Evolution of Iron Catalysts for Effective Living Radical Polymerization: Design of Phosphine/Halogen Ligands in FeX <sub>2</sub> (PR <sub>3</sub> ) <sub>2</sub> . <i>Macromolecules</i> , 2007, 40, 8658-8662.	2.2	65
106	Metal-complex-bearing star polymers by metal-catalyzed living radical polymerization: Synthesis and characterization of poly(methyl methacrylate) star polymers with Ru(II)-embedded microgel cores. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4966-4980.	2.5	55
107	Living Radical Polymerization Catalyzed with Hydrophilic and Thermosensitive Ruthenium(II) Complexes in Aqueous Media. <i>ACS Symposium Series</i> , 2006, , 14-25.	0.5	13
108	Effect of Tacticity of Poly(N-isopropylacrylamide) on the Phase Separation Temperature of Its Aqueous Solutions. <i>Polymer Journal</i> , 2005, 37, 234-237.	1.3	180



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109	Amino alcohol additives for the fast living radical polymerization of methyl methacrylate with RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> . <i>Journal of Polymer Science Part A</i> , 2003, 41, 3597-3605.	2.5	26
110	Controlled Cationic Polymerization of p-(Chloromethyl)styrene: BF <sub>3</sub> -Catalyzed Selective Activation of a C <sup>+</sup> O Terminal from Alcohol. <i>Macromolecules</i> , 2003, 36, 3540-3544.	2.2	30
111	Living Radical Polymerization with Designed Metal Complexes. <i>ACS Symposium Series</i> , 2003, , 102-115.	0.5	6
112	Living radical and cationic polymerizations in water and organic media. <i>Macromolecular Symposia</i> , 2002, 177, 17-24.	0.4	10
113	A New Ruthenium Complex with an Electron-Donating Aminoindenyl Ligand for Fast Metal-Mediated Living Radical Polymerizations. <i>Journal of the American Chemical Society</i> , 2002, 124, 9994-9995.	6.6	97
114	Amine Additives for Fast Living Radical Polymerization of Methyl Methacrylate with RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> . <i>Macromolecules</i> , 2002, 35, 2934-2940.	2.2	69
115	Iron-Catalyzed Suspension Living Radical Polymerizations of Acrylates and Styrene in Water <sup>1</sup> . <i>Macromolecules</i> , 2002, 35, 2949-2954.	2.2	59
116	A highly active Fe(i) catalyst for radical polymerisation and taming the polymerisation with iodine. <i>Chemical Communications</i> , 2002, , 2694-2695.	2.2	35
117	Synthesis of star-shaped copolymers with methyl methacrylate and n-butyl methacrylate by metal-catalyzed living radical polymerization: Block and random copolymer arms and microgel cores. <i>Journal of Polymer Science Part A</i> , 2002, 40, 633-641.	2.5	52
118	Ruthenium-catalyzed fast living radical polymerization of methyl methacrylate: The R <sup>+</sup> Cl/Ru(Ind)Cl(PPh <sub>3</sub> ) <sub>2</sub> /n-Bu <sub>2</sub> NH initiating system. <i>Journal of Polymer Science Part A</i> , 2002, 40, 617-623.	2.5	30
119	Star poly(methyl methacrylate) with end-functionalized arm chains by ruthenium-catalyzed living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1972-1982.	2.5	47
120	Synthesis of end-functionalized poly(methyl methacrylate) by ruthenium-catalyzed living radical polymerization with functionalized initiators. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1937-1944.	2.5	45
121	Iron-catalyzed living radical polymerization of acrylates: Iodide-based initiating systems and block and random copolymerizations. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2033-2043.	2.5	41
122	Controlled radical polymerization of 2-hydroxyethyl methacrylate with a hydrophilic ruthenium complex and the synthesis of amphiphilic random and block copolymers with methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2055-2065.	2.5	20
123	Star-shaped polymers by Ru(II)-catalyzed living radical polymerization. II. Effective reaction conditions and characterization by multi-angle laser light scattering/size exclusion chromatography and small-angle X-ray scattering. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2245-2255.	2.5	43
124	Metal-Catalyzed Living Radical Polymerization. <i>Chemical Reviews</i> , 2001, 101, 3689-3746.	23.0	3,247
125	Ru(Cp*)Cl(PPh <sub>3</sub> ) <sub>2</sub> : A Versatile Catalyst for Living Radical Polymerization of Methacrylates, Acrylates, and Styrene <sup>1</sup> . <i>Macromolecules</i> , 2001, 34, 4370-4374.	2.2	131
126	Star-Shaped Polymers by Metal-Catalyzed Living Radical Polymerization. 1. Design of Ru(II)-Based Systems and Divinyl Linking Agents. <i>Macromolecules</i> , 2001, 34, 215-221.	2.2	201



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127	MALDI-TOF-MS Analysis of Ruthenium(II)-Mediated Living Radical Polymerizations of Methyl Methacrylate, Methyl Acrylate, and Styrene. <i>Macromolecules</i> , 2001, 34, 2083-2088.	2.2	80
128	Local Chain Dynamics of Poly(N-vinylcarbazole) Studied by the Fluorescence Depolarization Method. <i>Polymer Journal</i> , 2001, 33, 464-468.	1.3	9
129	MALDI-TOF-MS analysis of living cationic polymerization of vinyl ethers. II. Living nature of growing end and side reactions. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1249-1257.	2.5	21
130	MALDI-TOF-MS analysis of living cationic polymerization of vinyl ethers. III. Polymerization with SnCl <sub>4</sub> and TiCl <sub>4</sub> in the absence of additives. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1258-1267.	2.5	7
131	Synthesis of end-functionalized polymers and copolymers of cyclopentadiene with vinyl ethers by cationic polymerization. <i>Journal of Polymer Science Part A</i> , 2001, 39, 398-407.	2.5	8
132	Stereoregulation in cationic polymerization by designed Lewis acids. II. Effects of alkyl vinyl ether structure. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1060-1066.	2.5	45
133	Stereoregulation in cationic polymerization. III. High isospecificity with the bulky phosphoric acid [(RO) <sub>2</sub> PO <sub>2</sub> H]/SnCl <sub>4</sub> initiating systems: Design of counteranions via initiators. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1067-1074.	2.5	32
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