

Mitsuo Sawamoto

List of Publications by Year in descending order

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19657
61
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137
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263
all docs

263
docs citations

263
times ranked

7824
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Catalyzed Living Radical Polymerization. Chemical Reviews, 2001, 101, 3689-3746.	47.7	3,247
2	Polymerization of Methyl Methacrylate with the Carbon Tetrachloride/Dichlorotris-(triphenylphosphine)ruthenium(II)/Methylaluminum Bis(2,6-di-tert-butylphenoxide) Initiating System: Possibility of Living Radical Polymerization. Macromolecules, 1995, 28, 1721-1723.	4.8	2,942
3	Transition Metal-Catalyzed Living Radical Polymerization: Toward Perfection in Catalysis and Precision Polymer Synthesis. Chemical Reviews, 2009, 109, 4963-5050.	47.7	1,208
4	Sequence-Controlled Polymers. Science, 2013, 341, 1238149.	12.6	1,097
5	Living polymerization of isobutyl vinyl ether with hydrogen iodide/iodine initiating system. Macromolecules, 1984, 17, 265-268.	4.8	456
6	Iron(II) Chloride Complex for Living Radical Polymerization of Methyl Methacrylate ¹ . Macromolecules, 1997, 30, 4507-4510.	4.8	452
7	Modern cationic vinyl polymerization. Progress in Polymer Science, 1991, 16, 111-172.	24.7	421
8	Single-chain technology using discrete synthetic macromolecules. Nature Chemistry, 2011, 3, 917-924.	13.6	348
9	Nickel-Mediated Living Radical Polymerization of Methyl Methacrylate ¹ . Macromolecules, 1997, 30, 2249-2253.	4.8	293
10	Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex: Formation of Polymers with Controlled Molecular Weights and Very Narrow Distributions ¹ . Macromolecules, 1996, 29, 1070-1072.	4.8	254
11	Synthesis and Single-Chain Folding of Amphiphilic Random Copolymers in Water. Macromolecules, 2014, 47, 589-600.	4.8	211
12	Star-Shaped Polymers by Metal-Catalyzed Living Radical Polymerization. 1. Design of Ru(II)-Based Systems and Divinyl Linking Agents. Macromolecules, 2001, 34, 215-221.	4.8	201
13	Sequence-Regulated Radical Polymerization with a Metal-Templated Monomer: Repetitive ABA Sequence by Double Cyclopolymerization. Angewandte Chemie - International Edition, 2011, 50, 7434-7437.	13.8	195
14	Precision Control of Radical Polymerization via Transition Metal Catalysis: From Dormant Species to Designed Catalysts for Precision Functional Polymers. Accounts of Chemical Research, 2008, 41, 1120-1132.	15.6	192
15	Effect of Tacticity of Poly(N-isopropylacrylamide) on the Phase Separation Temperature of Its Aqueous Solutions. Polymer Journal, 2005, 37, 234-237.	2.7	180
16	Selective Radical Addition with a Designed Heterobifunctional Halide: A Primary Study toward Sequence-Controlled Polymerization upon Template Effect. Journal of the American Chemical Society, 2009, 131, 10808-10809.	13.7	171
17	Living Radical Polymerization of Alkyl Methacrylates with Ruthenium Complex and Synthesis of Their Block Copolymers. Macromolecules, 1996, 29, 6979-6982.	4.8	158
18	Multifunctional Initiators for the Ruthenium-Mediated Living Radical Polymerization of Methyl Methacrylate: Di- and Trifunctional Dichloroacetates for Synthesis of Multiarmed Polymers ¹ . Macromolecules, 1998, 31, 557-562.	4.8	150

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19	Re(V)-Mediated Living Radical Polymerization of Styrene: $1\text{ReO}_2\text{I}(\text{PPh}_3)_2/\text{R}^\bullet\text{I}$ Initiating Systems. <i>Macromolecules</i> , 1999, 32, 2420-2424.	4.8	140
20	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.	13.7	140
21	Precision Self-Assembly of Amphiphilic Random Copolymers into Uniform and Self-Sorting Nanocompartments in Water. <i>Macromolecules</i> , 2016, 49, 5084-5091.	4.8	139
22	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.	13.7	137
23	<i>50th Anniversary Perspective</i>: Metal-Catalyzed Living Radical Polymerization: Discovery and Perspective. <i>Macromolecules</i> , 2017, 50, 2603-2614.	4.8	136
24	$\text{Ru}(\text{Cp}^*)\text{Cl}(\text{PPh}_3)_2$: A Versatile Catalyst for Living Radical Polymerization of Methacrylates, Acrylates, and Styrene. <i>Macromolecules</i> , 2001, 34, 4370-4374.	4.8	131
25	$\text{FeCp}(\text{CO})_2\text{I}$: A Phosphine-Free Half-Metallocene-Type Iron(II) Catalyst for Living Radical Polymerization of Styrene. <i>Macromolecules</i> , 1999, 32, 6877-6880.	4.8	129
26	Half-Metallocene-Type Ruthenium Complexes as Active Catalysts for Living Radical Polymerization of Methyl Methacrylate and Styrene. <i>Macromolecules</i> , 1999, 32, 3820-3823.	4.8	123
27	Design of AB divinyl α -template monomers toward alternating sequence control in metal-catalyzed living radical polymerization. <i>Polymer Chemistry</i> , 2011, 2, 341-347.	3.9	118
28	Silyl Enol Ethers: End-Capping Agents for Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex. <i>Macromolecules</i> , 1998, 31, 6708-6711.	4.8	117
29	New initiators for living cationic polymerization of vinyl compounds. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 13-14, 457-471.	0.6	112
30	Catalytic Activities of Ruthenium(II) Complexes in Transition-Metal-Mediated Living Radical Polymerization: Polymerization, Model Reaction, and Cyclic Voltammetry. <i>Macromolecules</i> , 2000, 33, 5825-5829.	4.8	112
31	Programmed Self-Assembly Systems of Amphiphilic Random Copolymers into Size-Controlled and Thermoresponsive Micelles in Water. <i>Macromolecules</i> , 2018, 51, 398-409.	4.8	102
32	Understanding the catalytic activity of single-chain polymeric nanoparticles in water. <i>Journal of Polymer Science Part A</i> , 2014, 52, 12-20.	2.3	101
33	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.	13.7	97
34	A strategy for sequence control in vinyl polymers via iterative controlled radical cyclization. <i>Nature Communications</i> , 2016, 7, 11064.	12.8	97
35	Living Radical Polymerization in Water and Alcohols: Suspension Polymerization of Methyl Methacrylate with $\text{RuCl}_2(\text{PPh}_3)_3$ Complex. <i>Macromolecules</i> , 1999, 32, 2204-2209.	4.8	91
36	Multimode Self-Folding Polymers via Reversible and Thermoresponsive Self-Assembly of Amphiphilic/Fluorous Random Copolymers. <i>Macromolecules</i> , 2016, 49, 4534-4543.	4.8	87

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37	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.	13.7	87
38	Living Cationic Isomerization Polymerization of β -Pinene. 1. Initiation with HCl/ γ -2-Chloroethyl Vinyl Ether Adduct/TiCl ₃ (OiPr) in Conjunction with nBu ₄ NCl. <i>Macromolecules</i> , 1997, 30, 22-26.	4.8	86
39	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.	13.7	86
40	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.	3.9	86
41	Living cationic polymerization of isobutyl vinyl ether by RCOOH/Lewis acid initiating systems: effects of carboxylate ions and Lewis acid activators. <i>Macromolecules</i> , 1991, 24, 3988-3992.	4.8	85
42	Living Random Copolymerization of Styrene and Methyl Methacrylate with a Ru(II) Complex and Synthesis of ABC-Type Block-Random Copolymers. <i>Macromolecules</i> , 1998, 31, 5582-5587.	4.8	84
43	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.	13.7	84
44	Living cationic polymerization of isobutyl vinyl ether by protonic acid/zinc halide initiating systems: evidence for the halogen exchange with zinc halide in the growing species. <i>Macromolecules</i> , 1992, 25, 2587-2591.	4.8	80
45	MALDI-TOF MS Analysis of Ruthenium(II)-Mediated Living Radical Polymerizations of Methyl Methacrylate, Methyl Acrylate, and Styrene. 1. <i>Macromolecules</i> , 2001, 34, 2083-2088.	4.8	80
46	Stereoregulation in Cationic Polymerization by Designed Lewis Acids. 1. Highly Isotactic Poly(isobutyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tj	4.8	78
47	Living Radical Polymerization of Styrene by Half-Metallocene Iron Carbonyl Complexes. 1. <i>Macromolecules</i> , 2000, 33, 3543-3549.	4.8	78
48	Active, Versatile, and Removable Iron Catalysts with Phosphazene Salts for Living Radical Polymerization of Methacrylates. <i>Macromolecules</i> , 2009, 42, 188-193.	4.8	78
49	Amphiphilic Random Copolymers with Hydrophobic/Hydrogen-Bonding Urea Pendants: Self-Folding Polymers in Aqueous and Organic Media. <i>Macromolecules</i> , 2016, 49, 7917-7927.	4.8	77
50	Living radical polymerization of methyl methacrylate with a zerovalent nickel complex, Ni(PPh ₃) ₄ . <i>Journal of Polymer Science Part A</i> , 1999, 37, 3003-3009.	2.3	76
51	Living Radical Polymerization of N,N-Dimethylacrylamide with RuCl ₂ (PPh ₃) ₃ -Based Initiating Systems. <i>Macromolecules</i> , 1999, 32, 8005-8009.	4.8	75
52	Amphiphilic/fluorous random copolymers as a new class of non-cytotoxic polymeric materials for protein conjugation. <i>Polymer Chemistry</i> , 2015, 6, 240-247.	3.9	75
53	Thermoregulated phase-transfer catalysis via PEG-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.	2.3	74
54	Star-Polymer-Catalyzed Living Radical Polymerization: Microgel-Core Reaction Vessel by Tandem Catalyst Interchange. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7892-7895.	13.8	74

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55	Sequence-controlled polymers via reversible-deactivation radical polymerization. <i>Polymer Journal</i> , 2018, 50, 83-94.	2.7	74
56	Nanostructured Materials via the Pendant Self-Assembly of Amphiphilic Crystalline Random Copolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 8376-8379.	13.7	70
57	Amine Additives for Fast Living Radical Polymerization of Methyl Methacrylate with RuCl ₂ (PPh ₃) ₃ . <i>Macromolecules</i> , 2002, 35, 2934-2940.	4.8	69
58	Evolution of Iron Catalysts for Effective Living Radical Polymerization: Design of Phosphine/Halogen Ligands in FeX ₂ (PR ₃) ₂ . <i>Macromolecules</i> , 2007, 40, 8658-8662.	4.8	65
59	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.	13.8	65
60	Lanthanide Triflates-Mediated Emulsion Cationic Polymerization of <i>p</i> -Alkoxy Styrenes in Aqueous Media. <i>Macromolecules</i> , 2000, 33, 4660-4666.	4.8	63
61	Self-Folding Polymer Iron Catalysts for Living Radical Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 830-835.	4.8	63
62	Ring-Expansion Living Cationic Polymerization via Reversible Activation of a Hemiacetal Ester Bond. <i>ACS Macro Letters</i> , 2013, 2, 531-534.	4.8	62
63	Iron-Catalyzed Suspension Living Radical Polymerizations of Acrylates and Styrene in Water. <i>Macromolecules</i> , 2002, 35, 2949-2954.	4.8	59
64	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.	13.8	59
65	Living Radical Polymerization of Para-Substituted Styrenes and Synthesis of Styrene-Based Copolymers with Rhenium and Iron Complex Catalysts. <i>Macromolecules</i> , 2000, 33, 6746-6751.	4.8	58
66	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.	2.3	55
67	Synthesis of new functional polymers by living cationic polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 13-14, 513-526.	0.6	54
68	Synthesis of star-shaped copolymers with methyl methacrylate and <i>n</i> -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.	2.3	52
69	Self-Assembly of Amphiphilic Random Copolyacrylamides into Uniform and Necklace Micelles in Water. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700230.	2.2	51
70	Metal Alkoxides as Additives for Ruthenium(II)-Catalyzed Living Radical Polymerization. <i>Macromolecules</i> , 2000, 33, 6732-6737.	4.8	50
71	Direct Synthesis of Amphiphilic Random and Block Copolymers of <i>p</i> -Hydroxystyrene and <i>p</i> -Methoxystyrene via Living Cationic Polymerization with BF ₃ OEt ₂ /ROH Systems. <i>Macromolecules</i> , 2000, 33, 5830-5835.	4.8	50
72	Single-chain crosslinked star polymers via intramolecular crosslinking of self-folding amphiphilic copolymers in water. <i>Polymer Journal</i> , 2015, 47, 667-677.	2.7	50

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73	Intramolecular Folding or Intermolecular Self-Assembly of Amphiphilic Random Copolymers: On-Demand Control by Pendant Design. <i>Macromolecules</i> , 2018, 51, 3738-3745.	4.8	50
74	Direct Living Cationic Polymerization of <i>p</i> -Hydroxystyrene with Boron Trifluoride Etherate in the Presence of Water ¹ . <i>Macromolecules</i> , 2000, 33, 5405-5410.	4.8	49
75	Fluorinated Microgel-Core Star Polymers as Fluorous Compartments for Molecular Recognition. <i>Macromolecules</i> , 2011, 44, 4574-4578.	4.8	49
76	Vinyl ethers with a functional group: Living cationic polymerization and synthesis of monodisperse polymers. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1986, 3, 99-111.	0.6	47
77	Sulfonyl chlorides as initiators for the ruthenium-mediated living radical polymerization of methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 1996, 34, 3585-3589.	2.3	47
78	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.	2.3	47
79	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.	4.8	47
80	Sulfonic acids as water-soluble initiators for cationic polymerization in aqueous media with Yb(OTf) ₃ . <i>Journal of Polymer Science Part A</i> , 2000, 38, 2728-2733.	2.3	46
81	Phosphine- π -Ligand Decoration toward Active and Robust Iron Catalysts in LRP. <i>Macromolecules</i> , 2013, 46, 3342-3349.	4.8	46
82	Synergistic Advances in Living Cationic and Radical Polymerizations. <i>Macromolecules</i> , 2020, 53, 6749-6753.	4.8	46
83	Cationic polymerization of α -pinene with the AlCl ₃ /SbCl ₃ binary catalyst: Comparison with β -pinene polymerization. <i>Journal of Applied Polymer Science</i> , 1996, 61, 1011-1016.	2.6	45
84	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.	2.3	45
85	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.	2.3	45
86	A Study on Physical Properties of Cyclic Poly(vinyl ether)s Synthesized via Ring-Expansion Cationic Polymerization. <i>Macromolecules</i> , 2017, 50, 841-848.	4.8	44
87	Living cationic polymerization of 2-vinyl-oxyethyl phthalimide: Synthesis of poly(vinyl ether) with pendant primary amino functions. <i>Journal of Polymer Science Part A</i> , 1988, 26, 3361-3374.	2.3	43
88	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.	2.3	43
89	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.	13.7	43
90	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.	2.3	41

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91	Carbonyl~Phosphine Heteroligation for Pentamethylcyclopentadienyl (Cp*)~Iron Complexes: Highly Active and Versatile Catalysts for Living Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 920-926.	4.8	41
92	Cationic polymerization of β -pinene with the binary catalyst $\text{AlCl}_3/\text{SbCl}_3$. <i>Die Makromolekulare Chemie</i> , 1992, 193, 2311-2321.	1.1	40
93	Evolution of iron catalysts for effective living radical polymerization: P^{N} chelate ligand for enhancement of catalytic performances. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6819-6827.	2.3	39
94	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1976, 177, 2995-3007.	1.1	38
95	Living Cationic Polymerization of N-Vinylcarbazole with Iodine. <i>Polymer Journal</i> , 1980, 12, 393-398.	2.7	37
96	Metal Complex-Mediated Living Radical Polymerization: Features, Scope, and Precision Polymer Synthesis. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997, 34, 1803-1814.	2.2	37
97	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.	4.8	37
98	Multifunctional Coupling Agents for Living Cationic Polymerization. 7. Synthesis of Amphiphilic Tetraarmed Star Block Polymers with β -Methylstyrene and 2-Hydroxyethyl Vinyl Ether Segments by Coupling Reactions with Tetrafunctional Silyl Enol Ether. <i>Macromolecules</i> , 1996, 29, 1862-1866.	4.8	36
99	Bisphosphine Monoxide-Ligated Ruthenium Catalysts: Active, Versatile, Removable, and Cocatalyst-Free in Living Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 5989-5995.	4.8	36
100	Protein storage with perfluorinated PEG compartments in a hydrofluorocarbon solvent. <i>Polymer Chemistry</i> , 2016, 7, 6694-6698.	3.9	36
101	Fluorous Comonomer Modulates the Reactivity of Cyclic Ketene Acetal and Degradation of Vinyl Polymers. <i>Macromolecules</i> , 2017, 50, 9222-9232.	4.8	36
102	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.	13.8	36
103	Living cationic polymerization of 4-tert-butoxystyrene and synthesis of poly(4-vinylphenol) with narrow molecular weight distribution. <i>Die Makromolekulare Chemie</i> , 1989, 15, 127-136.	1.1	35
104	A highly active Fe(i) catalyst for radical polymerisation and taming the polymerisation with iodine. <i>Chemical Communications</i> , 2002, , 2694-2695.	4.1	35
105	Selective dimerization of styrene to 1,3-diphenyl-1-butene catalyzed by trifluoromethanesulfonic acid or acetyl perchlorate. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1975, 13, 279-282.	0.4	33
106	End-functionalized polymers by living cationic polymerization. <i>Polymer Bulletin</i> , 1986, 16, 117-123.	3.3	32
107	Stereoregulation in cationic polymerization. III. High isospecificity with the bulky phosphoric acid $[(\text{RO})_2\text{PO}_2\text{H}]/\text{SnCl}_4$ initiating systems: Design of counteranions via initiators. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1067-1074.	2.3	32
108	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.	3.3	31

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109	Design and initiators of living cationic polymerization of vinyl monomers. Makromolekulare Chemie Macromolecular Symposia, 1990, 32, 131-144.	0.6	30
110	Title is missing!. Die Makromolekulare Chemie, 1992, 193, 2027-2035.	1.1	30
111	Ruthenium-catalyzed fast living radical polymerization of methyl methacrylate: The $R^?Cl/Ru(Ind)Cl(PPh_3)_2/n-Bu_2NH$ initiating system. Journal of Polymer Science Part A, 2002, 40, 617-623.	2.3	30
112	Controlled Cationic Polymerization of p-(Chloromethyl)styrene: BF_3 -Catalyzed Selective Activation of a C^+O Terminal from Alcohol. Macromolecules, 2003, 36, 3540-3544.	4.8	30
113	Transfer hydrogenation of ketones catalyzed by PEG-armed ruthenium-microgel star polymers: microgel-core reaction space for active, versatile and recyclable catalysis. Polymer Journal, 2011, 43, 770-777.	2.7	30
114	Oxidation of secondary alcohols with $Ru(II)$ -bearing microgel star polymer catalysts via hydrogen transfer reaction: Unique microgel-core catalysis. Journal of Polymer Science Part A, 2011, 49, 1061-1069.	2.3	30
115	Acrylate-Selective Transesterification of Methacrylate/Acrylate Copolymers: Postfunctionalization with Common Acrylates and Alcohols. ACS Macro Letters, 2018, 7, 997-1002.	4.8	30
116	Self-assembly of amphiphilic block pendant polymers as microphase separation materials and folded flower micelles. Polymer Chemistry, 2019, 10, 4954-4961.	3.9	30
117	Title is missing!. Die Makromolekulare Chemie, 1976, 177, 2981-2993.	1.1	29
118	Living Cationic Polymerization of a Vinyl Ether with a Malonic Ester Function. Polymer Journal, 1987, 19, 515-521.	2.7	29
119	End-functionalized polymers by living cationic polymerization. Polymer Bulletin, 1987, 18, 117.	3.3	29
120	Living Cationic Homo- and Copolymerizations of Vinyl Ethers Bearing a Perfluoroalkyl Pendant. Polymer Journal, 1988, 20, 201-206.	2.7	29
121	Synthesis of Amphiphilic Three-Armed Star Random Copolymers via Living Radical Polymerization and their Unimolecular Folding Properties in Water. Macromolecular Symposia, 2015, 350, 76-85.	0.7	29
122	Ferrocene Cocatalysis for Iron-Catalyzed Living Radical Polymerization: Active, Robust, and Sustainable System under Concerted Catalysis by Two Iron Complexes. Macromolecules, 2015, 48, 4294-4300.	4.8	29
123	Amphiphilic PEG-Functionalized Gradient Copolymers via Tandem Catalysis of Living Radical Polymerization and Transesterification. Macromolecules, 2017, 50, 822-831.	4.8	29
124	Ring-expansion cationic polymerization of vinyl ethers. Polymer Chemistry, 2017, 8, 4970-4977.	3.9	29
125	Synthesis of Living Cationic Poly(N-vinylcarbazole) with Low Molecular Weight. Polymer Journal, 1983, 15, 385-388.	2.7	28
126	Living cationic isomerization polymerization of γ -pinene. III. Synthesis of end-functionalized polymers and graft copolymers. Journal of Polymer Science Part A, 1997, 35, 1423-1430.	2.3	28

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127	Cationic Polymerization of Cyclopentadiene with SnCl ₄ : Control of Molecular Weight and Narrow Molecular Weight Distribution. <i>Macromolecules</i> , 2001, 34, 3176-3181.	4.8	28
128	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.	4.8	28
129	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1993, 194, 3441-3453.	1.1	27
130	Matrix-assisted laser desorption ionization time of flight mass spectrometry analysis of living cationic polymerization of vinyl ethers. I. Optimization of measurement conditions for poly(isobutyl) Tj ETQq0 0 0 ngBT /Overlock 10 Tf 5	2.3	27
131	Quenching of metal-catalyzed living radical polymerization with silyl enol ethers. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4735-4748.	2.3	27
132	Self-Assembly of Hydrogen-Bonding Gradient Copolymers: Sequence Control via Tandem Living Radical Polymerization with Transesterification. <i>Macromolecules</i> , 2017, 50, 3215-3223.	4.8	27
133	Amino alcohol additives for the fast living radical polymerization of methyl methacrylate with RuCl ₂ (PPh ₃) ₃ . <i>Journal of Polymer Science Part A</i> , 2003, 41, 3597-3605.	2.3	26
134	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.	13.7	26
135	Living cationic polymerization of p-methylstyrene by hydrogen iodide/zinc halide initiating systems. <i>Journal of Polymer Science Part A</i> , 1990, 28, 3007-3017.	2.3	25
136	Sequence-Regulated Polymers via Living Radical Polymerization: From Design to Properties and Functions. <i>ACS Symposium Series</i> , 2014, , 255-267.	0.5	25
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