Mitsuo Sawamoto

List of Publications by Citations

259 papers	17,947 citations	57 h-index	129 g-index
263 ext. papers	19,015 ext. citations	5.5 avg, IF	6.9 L-index

#	Paper	IF	Citations
259	Metal-catalyzed living radical polymerization. *Chemical Reviews*, **2001**, 101, 3689-746	68.1	3028
258	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	5.5	2690
257	Transition metal-catalyzed living radical polymerization: toward perfection in catalysis and precision polymer synthesis. *Chemical Reviews*, **2009**, 109, 4963-5050	68.1	1117
256	Sequence-controlled polymers. *Science*, **2013**, 341, 1238149	33.3	903
255	Iron(II) Chloride Complex for Living Radical Polymerization of Methyl Methacrylate1. *Macromolecules*, **1997**, 30, 4507-4510	5.5	419
254	Modern cationic vinyl polymerization. *Progress in Polymer Science*, **1991**, 16, 111-172	29.6	343
253	Living polymerization of isobutyl vinyl ether with hydrogen iodide/iodine initiating system. *Macromolecules*, **1984**, 17, 265-268	5.5	343
252	Single-chain technology using discrete synthetic macromolecules. *Nature Chemistry*, **2011**, 3, 917-24	17.6	320
251	Nickel-Mediated Living Radical Polymerization of Methyl Methacrylate1. *Macromolecules*, **1997**, 30, 2249-2253	5.5	266
250	Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex: Formation of Polymers with Controlled Molecular Weights and Very Narrow Distributions1. *Macromolecules*, **1996**, 29, 1070-1072	5.5	231
249	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	5.5	195
248	Sequence-regulated radical polymerization with a metal-templated monomer: repetitive ABA sequence by double cyclopolymerization. *Angewandte Chemie - International Edition*, **2011**, 50, 7434-7	16.4	178
247	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, 1120-32	24.3	175
246	Effect of Tacticity of Poly(N-isopropylacrylamide) on the Phase Separation Temperature of Its Aqueous Solutions. *Polymer Journal*, **2005**, 37, 234-237	2.7	164
245	Synthesis and Single-Chain Folding of Amphiphilic Random Copolymers in Water. *Macromolecules*, **2014**, 47, 589-600	5.5	163
244	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, 10808-9	16.4	162
243	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	5.5	145

242	Living Radical Polymerization of Alkyl Methacrylates with Ruthenium Complex and Synthesis of Their Block Copolymers. *Macromolecules*, **1996**, 29, 6979-6982	5.5	137
241	Sequence-regulated copolymers via tandem catalysis of living radical polymerization and in situ transesterification. *Journal of the American Chemical Society*, **2012**, 134, 4373-83	16.4	131
240	Re(V)-Mediated Living Radical Polymerization of Styrene:1 ReO2I(PPh3)2/R-I Initiating Systems. *Macromolecules*, **1999**, 32, 2420-2424	5.5	126
239	Template-assisted selective radical addition toward sequence-regulated polymerization: lariat capture of target monomer by template initiator. *Journal of the American Chemical Society*, **2010**, 132, 14748-50	16.4	125
238	Ru(Cp*)Cl(PPh3)2: A Versatile Catalyst for Living Radical Polymerization of Methacrylates, Acrylates, and Styrene1. *Macromolecules*, **2001**, 34, 4370-4374	5.5	123
237	FeCp(CO)2I: A Phosphine-Free Half-Metallocene-Type Iron(II) Catalyst for Living Radical Polymerization of Styrene1. *Macromolecules*, **1999**, 32, 6877-6880	5.5	117
236	Half-Metallocene-Type Ruthenium Complexes as Active Catalysts for Living Radical Polymerization of Methyl Methacrylate and Styrene1. *Macromolecules*, **1999**, 32, 3820-3823	5.5	112
235	Design of AB divinyl template monomers toward alternating sequence control in metal-catalyzed living radical polymerization. *Polymer Chemistry*, **2011**, 2, 341-347	4.9	107
234	Silyl Enol Ethers: End-Capping Agents for Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex1. *Macromolecules*, **1998**, 31, 6708-6711	5.5	107
233	Catalytic Activities of Ruthenium(II) Complexes in Transition-Metal-Mediated Living Radical Polymerization: Polymerization, Model Reaction, and Cyclic Voltammetry 1. *Macromolecules*, **2000**, 33, 5825-5829	5.5	103
232	50th Anniversary Perspective: Metal-Catalyzed Living Radical Polymerization: Discovery and Perspective. *Macromolecules*, **2017**, 50, 2603-2614	5.5	101
231	Precision Self-Assembly of Amphiphilic Random Copolymers into Uniform and Self-Sorting Nanocompartments in Water. *Macromolecules*, **2016**, 49, 5084-5091	5.5	100
230	A new ruthenium complex with an electron-donating aminoindenyl ligand for fast metal-mediated living radical polymerizations. *Journal of the American Chemical Society*, **2002**, 124, 9994-5	16.4	94
229	Understanding the catalytic activity of single-chain polymeric nanoparticles in water. *Journal of Polymer Science Part A*, **2014**, 52, 12-20	2.5	90
228	A strategy for sequence control in vinyl polymers via iterative controlled radical cyclization. *Nature Communications*, **2016**, 7, 11064	17.4	88
227	Living Radical Polymerization in Water and Alcohols: Suspension Polymerization of Methyl Methacrylate with RuCl2(PPh3)3Complex1. *Macromolecules*, **1999**, 32, 2204-2209	5.5	82
226	Concurrent tandem living radical polymerization: gradient copolymers via in situ monomer transformation with alcohols. *Journal of the American Chemical Society*, **2009**, 131, 13600-1	16.4	80
225	Living Cationic Isomerization Polymerization of Pinene. 1. Initiation with HCl 2-Chloroethyl Vinyl Ether Adduct/TiCl3(OiPr) in Conjunction withnBu4NCl1. *Macromolecules*, **1997**, 30, 22-26	5.5	79

224	Living Random Copolymerization of Styrene and Methyl Methacrylate with a Ru(II) Complex and Synthesis of ABC-Type Block-Random Copolymers. *Macromolecules*, **1998**, 31, 5582-5587	5.5	77
223	New initiators for living cationic polymerization of vinyl compounds. *Makromolekulare Chemie Macromolecular Symposia*, **1988**, 13-14, 457-471		77
222	Active, Versatile, and Removable Iron Catalysts with Phosphazenium Salts for Living Radical Polymerization of Methacrylates(1). *Macromolecules*, **2009**, 42, 188-193	5.5	76
221	MALDI-TOF-MS Analysis of Ruthenium(II)-Mediated Living Radical Polymerizations of Methyl Methacrylate, Methyl Acrylate, and Styrene1. *Macromolecules*, **2001**, 34, 2083-2088	5.5	76
220	Living cationic polymerization of isobutyl vinyl ether by RCOOH/Lewis acid initiating systems: effects of carboxylate ions and Lewis acid activators. *Macromolecules*, **1991**, 24, 3988-3992	5.5	74
219	Living Radical Polymerization of Styrene by Half-Metallocene Iron Carbonyl Complexes1. *Macromolecules*, **2000**, 33, 3543-3549	5.5	72
218	Living Radical Polymerization of N,N-Dimethylacrylamide with RuCl2(PPh3)3-Based Initiating Systems1. *Macromolecules*, **1999**, 32, 8005-8009	5.5	72
217	Programmed Self-Assembly Systems of Amphiphilic Random Copolymers into Size-Controlled and Thermoresponsive Micelles in Water. *Macromolecules*, **2018**, 51, 398-409	5.5	71
216	Star-polymer-catalyzed living radical polymerization: microgel-core reaction vessel by tandem catalyst interchange. *Angewandte Chemie - International Edition*, **2011**, 50, 7892-5	16.4	71
215	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. *Journal of Polymer Science Part A*, **2010**, 48, 373-379	2.5	71
214	Living radical polymerization of methyl methacrylate with a zerovalent nickel complex, Ni(PPh3). *Journal of Polymer Science Part A*, **1999**, 37, 3003-3009	2.5	71
213	Multimode Self-Folding Polymers via Reversible and Thermoresponsive Self-Assembly of Amphiphilic/Fluorous Random Copolymers. *Macromolecules*, **2016**, 49, 4534-4543	5.5	69
212	Compartmentalization Technologies via Self-Assembly and Cross-Linking of Amphiphilic Random Block Copolymers in Water. *Journal of the American Chemical Society*, **2017**, 139, 7164-7167	16.4	68
211	Amine Additives for Fast Living Radical Polymerization of Methyl Methacrylate with RuCl2(PPh3)3 1. *Macromolecules*, **2002**, 35, 2934-2940	5.5	65
210	Evolution of Iron Catalysts for Effective Living Radical Polymerization: Design of Phosphine/Halogen Ligands in FeX2(PR3)21. *Macromolecules*, **2007**, 40, 8658-8662	5.5	64
209	Self-assembly of PEG/dodecyl-graft amphiphilic copolymers in water: consequences of the monomer sequence and chain flexibility on uniform micelles. *Polymer Chemistry*, **2017**, 8, 7248-7259	4.9	62
208	Stereoregulation in Cationic Polymerization by Designed Lewis Acids. 1. Highly Isotactic Poly(isobutyl vinyl ether) with Titanium-Based Lewis Acids1. *Macromolecules*, **1999**, 32, 6407-6411	5.5	62
207	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. *Macromolecules*, **1992**, 25, 2587-2591	5.5	62

206	Fluorous microgel star polymers: selective recognition and separation of polyfluorinated surfactants and compounds in water. *Journal of the American Chemical Society*, **2014**, 136, 15742-8	16.4	61
205	Sequence-controlled polymers via reversible-deactivation radical polymerization. *Polymer Journal*, **2018**, 50, 83-94	2.7	60
204	Amphiphilic/fluorous random copolymers as a new class of non-cytotoxic polymeric materials for protein conjugation. *Polymer Chemistry*, **2015**, 6, 240-247	4.9	58
203	Iron-Catalyzed Suspension Living Radical Polymerizations of Acrylates and Styrene in Water1. *Macromolecules*, **2002**, 35, 2949-2954	5.5	58
202	Amphiphilic Random Copolymers with Hydrophobic/Hydrogen-Bonding Urea Pendants: Self-Folding Polymers in Aqueous and Organic Media. *Macromolecules*, **2016**, 49, 7917-7927	5.5	56
201	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. *Journal of Polymer Science Part A*, **2006**, 44, 4966-4980	2.5	54
200	Lanthanide Triflates-Mediated Emulsion Cationic Polymerization of p-Alkoxystyrenes in Aqueous Media1. *Macromolecules*, **2000**, 33, 4660-4666	5.5	54
199	Living Radical Polymerization of Para-Substituted Styrenes and Synthesis of Styrene-Based Copolymers with Rhenium and Iron Complex Catalysts 1. *Macromolecules*, **2000**, 33, 6746-6751	5.5	54
198	Nanostructured Materials via the Pendant Self-Assembly of Amphiphilic Crystalline Random Copolymers. *Journal of the American Chemical Society*, **2018**, 140, 8376-8379	16.4	53
197	Self-Folding Polymer Iron Catalysts for Living Radical Polymerization. *ACS Macro Letters*, **2017**, 6, 830-835	6.6	53
196	Ring-Expansion Living Cationic Polymerization via Reversible Activation of a Hemiacetal Ester Bond.. *ACS Macro Letters*, **2013**, 2, 531-534	6.6	53
195	Alternating Sequence Control for Carboxylic Acid and Hydroxy Pendant Groups by Controlled Radical Cyclopolymerization of a Divinyl Monomer Carrying a Cleavable Spacer. *Angewandte Chemie - International Edition*, **2016**, 55, 14584-14589	16.4	52
194	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. *Journal of Polymer Science Part A*, **2002**, 40, 633-641	2.5	51
193	Metal Alkoxides as Additives for Ruthenium(II)-Catalyzed Living Radical Polymerization1. *Macromolecules*, **2000**, 33, 6732-6737	5.5	46
192	Star poly(methyl methacrylate) with end-functionalized arm chains by ruthenium-catalyzed living radical polymerization. *Journal of Polymer Science Part A*, **2002**, 40, 1972-1982	2.5	45
191	Iterative Radical Addition with a Special Monomer Carrying Bulky and Convertible Pendant: A New Concept toward Controlling the Sequence for Vinyl Polymers. *ACS Macro Letters*, **2016**, 5, 745-749	6.6	43
190	Control of the Alternating Sequence for N-Isopropylacrylamide (NIPAM) and Methacrylic Acid Units in a Copolymer by Cyclopolymerization and Transformation of the Cyclopendant Group. *Angewandte Chemie - International Edition*, **2018**, 57, 10905-10909	16.4	43
189	Fluorinated Microgel-Core Star Polymers as Fluorous Compartments for Molecular Recognition. *Macromolecules*, **2011**, 44, 4574-4578	5.5	43

188	Direct Living Cationic Polymerization of p-Hydroxystyrene with Boron Trifluoride Etherate in the Presence of Water 1. *Macromolecules*, **2000**, 33, 5405-5410	5.5	43
187	Phosphine□ligand Decoration toward Active and Robust Iron Catalysts in LRP. *Macromolecules*, **2013**, 46, 3342-3349	5.5	42
186	Synthesis of end-functionalized poly(methyl methacrylate) by ruthenium-catalyzed living radical polymerization with functionalized initiators. *Journal of Polymer Science Part A*, **2002**, 40, 1937-1944	2.5	42
185	Direct Synthesis of Amphiphilic Random and Block Copolymers of p-Hydroxystyrene and p-Methoxystyrene via Living Cationic Polymerization with BF3OEt2/ROH Systems 1. *Macromolecules*, **2000**, 33, 5830-5835	5.5	42
184	Sulfonyl chlorides as initiators for the ruthenium-mediated living radical polymerization of methyl methacrylate. *Journal of Polymer Science Part A*, **1996**, 34, 3585-3589	2.5	42
183	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. *Journal of Polymer Science Part A*, **2002**, 40, 2245-2255	2.5	41
182	Sulfonic acids as water-soluble initiators for cationic polymerization in aqueous media with Yb(OTf)3. *Journal of Polymer Science Part A*, **2000**, 38, 2728-2733	2.5	41
181	Single-chain crosslinked star polymers via intramolecular crosslinking of self-folding amphiphilic copolymers in water. *Polymer Journal*, **2015**, 47, 667-677	2.7	40
180	Sequence-Regulated Radical Polymerization with a Metal- Templated Monomer: Repetitive ABA Sequence by Double Cyclopolymerization. *Angewandte Chemie*, **2011**, 123, 7572-7575	3.6	40
179	Carbonyl□Phosphine Heteroligation for Pentamethylcyclopentadienyl (Cp*)□Iron Complexes: Highly Active and Versatile Catalysts for Living Radical Polymerization. *Macromolecules*, **2010**, 43, 920-926	5.5	40
178	Cationic polymerization of □pinene with the AlCl3/SbCl3 binary catalyst: Comparison with □pinene polymerization. *Journal of Applied Polymer Science*, **1996**, 61, 1011-1016	2.9	40
177	Synthesis of new functional polymers by living cationic polymerization. *Makromolekulare Chemie Macromolecular Symposia*, **1988**, 13-14, 513-526		40
176	Iron-catalyzed living radical polymerization of acrylates: Iodide-based initiating systems and block and random copolymerizations. *Journal of Polymer Science Part A*, **2002**, 40, 2033-2043	2.5	39
175	Evolution of iron catalysts for effective living radical polymerization: P□N chelate ligand for enhancement of catalytic performances. *Journal of Polymer Science Part A*, **2008**, 46, 6819-6827	2.5	37
174	Intramolecular Folding or Intermolecular Self-Assembly of Amphiphilic Random Copolymers: On-Demand Control by Pendant Design. *Macromolecules*, **2018**, 51, 3738-3745	5.5	36
173	Synchronized Tandem Catalysis of Living Radical Polymerization and Transesterification: Methacrylate Gradient Copolymers with Extremely Broad Glass Transition Temperature.. *ACS Macro Letters*, **2013**, 2, 985-989	6.6	36
172	Stereoregulation in cationic polymerization by designed Lewis acids. II. Effects of alkyl vinyl ether structure. *Journal of Polymer Science Part A*, **2001**, 39, 1060-1066	2.5	36
171	Living cationic polymerization of 2-vinyloxyethyl phthalimide: Synthesis of poly(vinyl ether) with pendant primary amino functions. *Journal of Polymer Science Part A*, **1988**, 26, 3361-3374	2.5	36

170	Self-Assembly of Amphiphilic Random Copolyacrylamides into Uniform and Necklace Micelles in Water. *Macromolecular Chemistry and Physics*, **2017**, 218, 1700230	2.6	35
169	Bisphosphine Monoxide-Ligated Ruthenium Catalysts: Active, Versatile, Removable, and Cocatalyst-Free in Living Radical Polymerization. *Macromolecules*, **2010**, 43, 5989-5995	5.5	35
168	Metal Complex-Mediated Living Radical Polymerization: Features, Scope, and Precision Polymer Synthesis. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1997**, 34, 1803-1814	2.2	35
167	A highly active Fe(I) catalyst for radical polymerisation and taming the polymerisation with iodine. *Chemical Communications*, **2002**, 2694-5	5.8	35
166	Vinyl ethers with a functional group: Living cationic polymerization and synthesis of monodisperse polymers. *Makromolekulare Chemie Macromolecular Symposia*, **1986**, 3, 99-111		34
165	Multifunctional Coupling Agents for Living Cationic Polymerization. 7. Synthesis of Amphiphilic Tetraarmed Star Block Polymers with □Methylstyrene and 2-Hydroxyethyl Vinyl Ether Segments by Coupling Reactions with Tetrafunctional Silyl Enol Ether. *Macromolecules*, **1996**, 29, 1862-1866	5.5	33
164	A Study on Physical Properties of Cyclic Poly(vinyl ether)s Synthesized via Ring-Expansion Cationic Polymerization. *Macromolecules*, **2017**, 50, 841-848	5.5	32
163	Cationic polymerization of □pinene with the binary catalyst AlCl3/SbCl3. *Die Makromolekulare Chemie*, **1992**, 193, 2311-2321		32
162	Highly active and removable ruthenium catalysts for transition-metal-catalyzed living radical polymerization: design of ligands and cocatalysts. *Chemistry - an Asian Journal*, **2008**, 3, 1358-64	4.5	31
161	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
160	Ruthenium-catalyzed fast living radical polymerization of methyl methacrylate: The R?Cl/Ru(Ind)Cl(PPh3)2/n-Bu2NH initiating system. *Journal of Polymer Science Part A*, **2002**, 40, 617-623	2.5	30
159	Protein storage with perfluorinated PEG compartments in a hydrofluorocarbon solvent. *Polymer Chemistry*, **2016**, 7, 6694-6698	4.9	29
158	Living cationic polymerization of 4-tert-butoxystyrene and synthesis of poly(4-vinylphenol) with narrow molecular weight distribution. *Die Makromolekulare Chemie*, **1989**, 15, 127-136		29
157	Fluorous Comonomer Modulates the Reactivity of Cyclic Ketene Acetal and Degradation of Vinyl Polymers. *Macromolecules*, **2017**, 50, 9222-9232	5.5	28
156	Oxidation of sec-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	2.5	28
155	Cationic Polymerization of Cyclopentadiene with SnCl4: Control of Molecular Weight and Narrow Molecular Weight Distribution1. *Macromolecules*, **2001**, 34, 3176-3181	5.5	28
154	Controlled Cationic Polymerization of p-(Chloromethyl)styrene: BF3-Catalyzed Selective Activation of a C□ Terminal from Alcohol. *Macromolecules*, **2003**, 36, 3540-3544	5.5	27
153	Living Cationic Polymerization of N-Vinylcarbazole with Iodine. *Polymer Journal*, **1980**, 12, 393-398	2.7	27

152	Living cationic isomerization polymerization of □pinene. III. Synthesis of end-functionalized polymers and graft copolymers. *Journal of Polymer Science Part A*, **1997**, 35, 1423-1430	2.5	26
151	Quenching of metal-catalyzed living radical polymerization with silyl enol ethers. *Journal of Polymer Science Part A*, **2000**, 38, 4735-4748	2.5	26
150	Tri-armed star polymers by living cationic polymerization, 3. Synthesis of tri-armed star poly(p-methoxystyrene). *Die Makromolekulare Chemie*, **1992**, 193, 2027-2035		26
149	Living Cationic Homo- and Copolymerizations of Vinyl Ethers Bearing a Perfluoroalkyl Pendant. *Polymer Journal*, **1988**, 20, 201-206	2.7	26
148	Amphiphilic PEG-Functionalized Gradient Copolymers via Tandem Catalysis of Living Radical Polymerization and Transesterification. *Macromolecules*, **2017**, 50, 822-831	5.5	25
147	Amino alcohol additives for the fast living radical polymerization of methyl methacrylate with RuCl2(PPh3)3. *Journal of Polymer Science Part A*, **2003**, 41, 3597-3605	2.5	25
146	Cationic polymerization of □pinene with aluminium-based binary catalysts, 2. Survey of catalyst systems. *Die Makromolekulare Chemie*, **1993**, 194, 3441-3453		25
145	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	5.5	24
144	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	0.8	24
143	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 vinyl ether). *Journal of Polymer Science Part A*, **2000**, 38, 4023-4031	2.5	24
142	Self-Sorting of Amphiphilic Copolymers for Self-Assembled Materials in Water: Polymers Can Recognize Themselves. *Journal of the American Chemical Society*, **2019**, 141, 511-519	16.4	24
141	Self-Assembly of Hydrogen-Bonding Gradient Copolymers: Sequence Control via Tandem Living Radical Polymerization with Transesterification. *Macromolecules*, **2017**, 50, 3215-3223	5.5	23
140	Carbonyl-phosphine hetero-ligated half-metallocene iron(II) catalysts for living radical polymerization: concomitant activity and stability. *Polymer Journal*, **2010**, 42, 17-24	2.7	23
139	Stereoregulation in cationic polymerization. III. High isospecificity with the bulky phosphoric acid [(RO)2PO2H]/SnCl4 initiating systems: Design of counteranions via initiators. *Journal of Polymer Science Part A*, **2001**, 39, 1067-1074	2.5	23
138	Design and initiators of living cationic polymerization of vinyl monomers. *Makromolekulare Chemie Macromolecular Symposia*, **1990**, 32, 131-144		22
137	Living Cationic Polymerization of a Vinyl Ether with a Malonic Ester Function. *Polymer Journal*, **1987**, 19, 515-521	2.7	22
136	Synthesis of Living Cationic Poly(N-vinylcarbazole) with Low Molecular Weight. *Polymer Journal*, **1983**, 15, 385-388	2.7	22
135	Cationic polymerization of styrenes by protonic acids and their derivatives, 2. Two propagating species in the polymerization by CF3SO3H. *Die Makromolekulare Chemie*, **1976**, 177, 2995-3007		22

134	Ring-expansion cationic polymerization of vinyl ethers. *Polymer Chemistry*, **2017**, 8, 4970-4977	4.9	21
133	Sequence-Regulated Polymers via Living Radical Polymerization: From Design to Properties and Functions. *ACS Symposium Series*, **2014**, 255-267	0.4	21
132	Terminal-Selective Transesterification of Chlorine-Capped Poly(Methyl Methacrylate)s: A Modular Approach to Telechelic and Pinpoint-Functionalized Polymers. *Journal of the American Chemical Society*, **2016**, 138, 5012-5	16.4	21
131	Unprecedented Sequence Control and Sequence-Driven Properties in a Series of AB-Alternating Copolymers Consisting Solely of Acrylamide Units. *Angewandte Chemie - International Edition*, **2020**, 59, 5193-5201	16.4	20
130	Controlled radical polymerization of 2-hydroxyethyl methacrylate with a hydrophilic ruthenium complex and the synthesis of amphiphilic random and block copolymers with methyl methacrylate. *Journal of Polymer Science Part A*, **2002**, 40, 2055-2065	2.5	20
129	Living cationic polymerization of p-methylstyrene by hydrogen iodide/zinc halide initiating systems. *Journal of Polymer Science Part A*, **1990**, 28, 3007-3017	2.5	20
128	Cyclopolymerization of Cleavable Acrylate-Vinyl Ether Divinyl Monomer via Nitroxide-Mediated Radical Polymerization: Copolymer beyond Reactivity Ratio. *ACS Macro Letters*, **2017**, 6, 754-757	6.6	19
127	MALDI-TOF-MS analysis of living cationic polymerization of vinyl ethers. II. Living nature of growing end and side reactions. *Journal of Polymer Science Part A*, **2001**, 39, 1249-1257	2.5	19
126	Star-shaped polymers by living cationic polymerization. VII. Amphiphilic graft polymers of vinyl ethers with hydroxyl groups: Synthesis and host–guest interaction. *Journal of Polymer Science Part A*, **1993**, 31, 2513-2521	2.5	19
125	Amphiphilic block copolymers of vinyl ethers by living cationic polymerization. II. Synthesis and surface activity of macromolecular amphiphiles with pendant amino groups. *Journal of Polymer Science Part A*, **1990**, 28, 1127-1136	2.5	19
124	End-functionalized polymers by living cationic polymerization. *Polymer Bulletin*, **1987**, 18, 117	2.4	19
123	Selective dimerization of styrene to 1,3-diphenyl-1-butene catalyzed by trifluoromethanesulfonic acid or acetyl perchlorate. *Journal of Polymer Science, Polymer Letters Edition*, **1975**, 13, 279-282		19
122	Precision Synthesis of Imine-Functionalized Reversible Microgel Star Polymers via Dynamic Covalent Cross-Linking of Hydrogen-Bonding Block Copolymer Micelles. *Macromolecules*, **2017**, 50, 587-596	5.5	18
121	Synthesis of fluorinated gradient copolymers via in situ transesterification with fluoroalcohols in tandem living radical polymerization. *Polymer Chemistry*, **2017**, 8, 2299-2308	4.9	18
120	Star Polymer Gels with Fluorinated Microgels via Star–Star Coupling and Cross-Linking for Water Purification. *ACS Macro Letters*, **2015**, 4, 377-380	6.6	18
119	Aqueous metal-catalyzed living radical polymerization: highly active water-assisted catalysis. *Polymer Journal*, **2012**, 44, 51-58	2.7	18
118	Synthesis of end-functionalized polystyrenes with organosilicon end-capping reagents via living cationic polymerization. *Journal of Polymer Science Part A*, **1994**, 32, 2531-2542	2.5	18
117	End-functionalized polymers by living cationic polymerization. *Polymer Bulletin*, **1986**, 16, 117-123	2.4	18

116	Quasiliving Carbocationic Polymerization. VI. Quasiliving Polymerization of Isobutyl Vinyl Ether. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 18, 1275-1291		18
115	Single-Chain Nanoparticles via Self-Folding Amphiphilic Copolymers in Water **2017**, 313-339		17
114	LCST-Type Phase Separation of Poly[poly(ethylene glycol) methyl ether methacrylate]s in Hydrofluorocarbon. *ACS Macro Letters*, **2015**, 4, 1366-1369	6.6	17
113	Acrylate-Selective Transesterification of Methacrylate/Acrylate Copolymers: Postfunctionalization with Common Acrylates and Alcohols. *ACS Macro Letters*, **2018**, 7, 997-1002	6.6	17
112	Multifunctional Coupling Agents for Living Cationic Polymerization. 6. Synthesis of Multiarmed and End-Functionalized Poly(□methylstyrene) with Multifunctional Silyl Enol Ethers. *Macromolecules*, **1996**, 29, 1131-1137	5.5	17
111	Star-shaped polymers by living cationic polymerization, 6. Amphiphilic star-shaped block copolymers of vinyl ethers with carboxyl groups: synthesis and host-guest interaction. *Die Makromolekulare Chemie*, **1993**, 194, 2035-2046		17
110	Living polymerization of isobutyl vinyl ether by HI/I2 initiator in polar solvents. *Journal of Polymer Science Part A*, **1986**, 24, 2261-2270	2.5	17
109	Sequence Analysis for Alternating Copolymers by MALDI-TOF-MS: Importance of Initiator Selectivity for Comonomer Pair. *Macromolecular Rapid Communications*, **2016**, 37, 1414-20	4.8	17
108	A convergent approach to ring polymers with narrow molecular weight distributions through post dilution in ring expansion cationic polymerization. *Polymer Chemistry*, **2016**, 7, 6911-6917	4.9	16
107	Alternating Sequence Control for Carboxylic Acid and Hydroxy Pendant Groups by Controlled Radical Cyclopolymerization of a Divinyl Monomer Carrying a Cleavable Spacer. *Angewandte Chemie* , **2016**, 128, 14804-14809	3.6	16
106	Self-assembly of amphiphilic block pendant polymers as microphase separation materials and folded flower micelles. *Polymer Chemistry*, **2019**, 10, 4954-4961	4.9	16
105	Control of Regioselectivity and Main-Chain Microstructure in Cationic Polymerization of Cyclopentadiene1. *Macromolecules*, **2001**, 34, 6586-6591	5.5	16
104	Multifunctional coupling agents for living cationic polymerization. IV. Synthesis of end-functionalized multiarmed poly(vinyl ethers) with multifunctional silyl enol ethers. *Journal of Polymer Science Part A*, **1994**, 32, 2699-2708	2.5	16
103	Multifunctional coupling agents for living cationic polymerization. I. Sodiomalonate anions for vinyl ethers. *Journal of Polymer Science Part A*, **1993**, 31, 1531-1542	2.5	16
102	Microgel-Core Star Polymers as Functional Compartments for Catalysis and Molecular Recognition. *ACS Symposium Series*, **2012**, 65-80	0.4	15
101	Aromatic Acetals as New Initiators for Cationic Polymerization of Isobutyl Vinyl Ether1. *Macromolecules*, **2000**, 33, 748-753	5.5	15
100	In-Situ Direct Analysis of the Growing Species by 119Sn NMR Spectroscopy: Living Cationic Polymerization of Isobutyl Vinyl Ether with HCl/SnCl4/nBu4NCl1. *Macromolecules*, **1998**, 31, 4703-9	5.5	15
99	Living cationic polymerization of ethyl 2-(vinyloxy)ethoxyacetate: A vinyl ether with an ether and an ester function in the pendant. *Journal of Polymer Science Part A*, **1989**, 27, 3303-3314	2.5	15

98	Living Cationic Polymerization of 2-Chloroethyl Vinyl Ether with Iodine and Hydrogen Iodide/Iodine Initiators. *Polymer Journal*, **1984**, 16, 401-406	2.7	15
97	Living Cationic Copolymerization of Isobutyl Vinyl Ether with P-Methoxystyrene by Hydrogen Iodide/Iodine Initiating System. *Polymer Journal*, **1985**, 17, 929-933	2.7	15
96	Ferrocene Cocatalysis in Metal-Catalyzed Living Radical Polymerization: Concerted Redox for Highly Active Catalysis.. *ACS Macro Letters*, **2012**, 1, 321-323	6.6	14
95	Living cationic polymerization of vinyl ethers with a bifunctional initiator. *Die Makromolekulare Chemie*, **1991**, 192, 2317-2331		14
94	Synthesis of end-functionalized polymers by living cationic polymerization of isobutyl vinyl ether with EtAlCl2. *Polymer Bulletin*, **1989**, 21, 357-363	2.4	14
93	Cationic polymerization of styrenes by protonic acids and their derivatives, 1. Rates and molecular weight distributions of polystyrenes formed by some sulfonic superacids. *Die Makromolekulare Chemie*, **1976**, 177, 2981-2993		14
92	Cationic polymerization of styrenes by protonic acids and their derivatives, 3. Propagating species in the polymerization of styrene by trifluoroacetic acid. *Die Makromolekulare Chemie*, **1977**, 178, 389-399		14
91	Orthogonal Folding of Amphiphilic/Fluorous Random Block Copolymers for Double and Multicompartment Micelles in Water. *ACS Macro Letters*, **2019**, 8, 320-325	6.6	13
90	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers: Optimized Ring Propagation. *Macromolecular Symposia*, **2015**, 350, 105-116	0.8	13
89	Fluorous Gradient Copolymers via in-Situ Transesterification of a Perfluoromethacrylate in Tandem Living Radical Polymerization: Precision Synthesis and Physical Properties. *Macromolecules*, **2018**, 51, 864-871	5.5	13
88	Living Radical Polymerization of Acrylates with Rhenium(V)-Based Initiating Systems: ReO2I(PPh3)2/Alkyl Iodide. *ACS Symposium Series*, **2000**, 196-206	0.4	13
87	Living cationic polymerization of isobutyl propenyl ether as ╫substituted vinyl ether. *Journal of Polymer Science: Polymer Chemistry Edition*, **1984**, 22, 3173-3181		13
86	Fluorinated microgel star polymers as fluorous nanocapsules for the encapsulation and release of perfluorinated compounds. *Polymer Chemistry*, **2015**, 6, 5663-5674	4.9	12
85	Living cationic polymerization of an azide-containing vinyl ether toward addressable functionalization of polymers. *Journal of Polymer Science Part A*, **2010**, 48, 1449-1455	2.5	12
84	Living Radical Polymerization Catalyzed with Hydrophilic and Thermosensitive Ruthenium(II) Complexes in Aqueous Media. *ACS Symposium Series*, **2006**, 14-25	0.4	12
83	End-functionalized polymers of p-alkoxystyrenes by living cationic polymerization, 2.p-tert-butoxystyrene. *Die Makromolekulare Chemie*, **1992**, 193, 1783-1792		12
82	Sequence-regulated oligomers and polymers by living cationic polymerization. III. Synthesis and reactions of sequence-regulated oligomers with a polymerizable group. *Journal of Polymer Science Part A*, **1993**, 31, 2789-2797	2.5	12
81	Design of maleimide monomer for higher level of alternating sequence in radical copolymerization with styrene. *Journal of Polymer Science Part A*, **2019**, 57, 367-375	2.5	12

80	Expanding vinyl ether monomer repertoire for ring-expansion cationic polymerization: Various cyclic polymers with tailored pendant groups. *Journal of Polymer Science Part A*, **2017**, 55, 3082-3089	2.5	11
79	Shuttling Catalyst for Living Radical Miniemulsion Polymerization: Thermoresponsive Ligand for Efficient Catalysis and Removal. *ACS Macro Letters*, **2015**, 4, 628-631	6.6	11
78	Living cationic polymerization of vinyl ethers by electrophile/lewis acid initiating systems. VII. Living cationic polymerization of isobutyl vinyl ether by trimethylsilyl halide/zinc halide initiating systems in the presence of p-methoxybenzaldehyde: Effects of halide anions and zinc halides. *Journal of Polymer Science Part A*, **1991**, 29, 1909-1915	2.5	11
77	Cationic polymerization of β-pinene with aluminium-based binary catalysts, 3. Effects of added base. *Die Makromolekulare Chemie*, **1993**, 194, 3455-3465		11
76	Living Cationic Polymerization of 2-Phenoxyethyl Vinyl Ether and Its Ring-Substituted Derivatives: Effects of para-Substituents. *Polymer Journal*, **1987**, 19, 889-896	2.7	11
75	Quasiliving Carbocationic Polymerization. VII. Block Polymerization of β-Methylstyrene from Quasiliving Poly(isobutyl Vinyl Ether) Dication. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 18, 1293-1300		11
74	Quasiliving Carbocationic Polymerization. VIII. Quasiliving Polymerization of Methyl Vinyl Ether and Its Blocking from Quasiliving Poly(isobutyl Vinyl Ether) Dication. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 18, 1301-1313		11
73	Living Cationic Polymerization with Yb(OSO2CF3)3 as a Water-Resistant, Recoverable Lewis Acid. *ACS Symposium Series*, **1997**, 106-112	0.4	10
72	The nature of the growing species in living cationic polymerization: Principles, stereochemistry, and in-situ NMR analysis. *Macromolecular Symposia*, **1994**, 85, 33-43	0.8	10
71	Living cationic polymerization of isobutyl vinyl ether by trimethylsilyl halide/zinc halide initiating systems: effects of carbonyl compounds. *Die Makromolekulare Chemie*, **1993**, 194, 727-738		10
70	Polyacrylamide pseudo crown ethers via hydrogen bond-assisted cyclopolymerization. *Journal of Polymer Science Part A*, **2016**, 54, 3294-3302	2.5	9
69	Design of a hydrophilic ruthenium catalyst for metal-catalyzed living radical polymerization: highly active catalysis in water. *RSC Advances*, **2016**, 6, 6577-6582	3.7	9
68	Local Chain Dynamics of Poly(N-vinylcarbazole) Studied by the Fluorescence Depolarization Method. *Polymer Journal*, **2001**, 33, 464-468	2.7	9
67	Living cationic polymerization of cis- and trans-ethyl propenyl ethers and synthesis of block copolymers with isobutyl vinyl ether. *Journal of Polymer Science Part A*, **1986**, 24, 2919-2926	2.5	9
66	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. *Polymer Chemistry*, **2015**, 6, 7821-7826	4.9	8
65	Control of the Alternating Sequence for N-Isopropylacrylamide (NIPAM) and Methacrylic Acid Units in a Copolymer by Cyclopolymerization and Transformation of the Cyclopendant Group. *Angewandte Chemie*, **2018**, 130, 11071-11075	3.6	8
64	Dicarbonyl pentaphenylcyclopentadienyl iron complex for living radical polymerization: Smooth generation of real active catalysts collaborating with phosphine ligand. *Journal of Polymer Science Part A*, **2011**, 49, 537-544	2.5	8
63	Antithetic function of alcohol in living cationic polymerization: From terminator/inhibitor to useful initiator. *Journal of Polymer Science Part A*, **2009**, 47, 4194-4201	2.5	8

62	Selective single monomer addition in living cationic polymerization: Sequential double end-functionalization in combination with capping agent. *Journal of Polymer Science Part A*, **2010**, 48, 3375-3381	2.5	8
61	Synthesis of end-functionalized polymers and copolymers of cyclopentadiene with vinyl ethers by cationic polymerization. *Journal of Polymer Science Part A*, **2001**, 39, 398-407	2.5	8
60	Living cationic polymerization of vinyl ethers by electrophile/lewis acid initiating systems. XII. Phosphoric and phosphinic acids/zinc chloride initiating systems for isobutyl vinyl ether. *Journal of Polymer Science Part A*, **1993**, 31, 2987-2994	2.5	8
59	Cationic polymerization of p-methylstyrene initiated by acetyl perchlorate: An approach to living polymerization. *Journal of Polymer Science Part A*, **1986**, 24, 87-96	2.5	8
58	Amphiphilic fluorous random copolymer self-assembly for encapsulation of a fluorinated agrochemical. *Journal of Polymer Science Part A*, **2019**, 57, 352-359	2.5	8
57	Core-imprinted Star Polymers via Living Radical Polymerization: Precision Cavity Microgels for Selective Molecular Recognition. *Chemistry Letters*, **2014**, 43, 1690-1692	1.7	7
56	Consecutive living polymerization from cationic to radical: a straightforward yet versatile methodology for the precision synthesis of □cleavable□ block copolymers with a hemiacetal ester junction. *Polymer Chemistry*, **2012**, 3, 2193	4.9	7
55	Star-Polymer-Catalyzed Living Radical Polymerization: Microgel-Core Reaction Vessel by Tandem Catalyst Interchange. *Angewandte Chemie*, **2011**, 123, 8038-8041	3.6	7
54	Living radical and cationic polymerizations in water and organic media. *Macromolecular Symposia*, **2002**, 177, 17-24	0.8	7
53	Living Radical Polymerization of Styrene: RuCl2(PPh3)3 and Alkyl Iodide-Based Initiating Systems. *ACS Symposium Series*, **2000**, 168-181	0.4	7
52	Living cationic polymerization of isobutyl vinyl ether by the CF3CO2H□SnCl4□Bu4NCl system: In situ direct analysis of the growing species by 1H, 13C and 19F NMR spectroscopy. *Journal of Physical Organic Chemistry*, **1995**, 8, 282-292	2.1	7
51	Conductance stopped-flow study of cationic polymerizations of p-methoxystyrene and styrene. *Polymer Bulletin*, **1980**, 2, 309-313	2.4	7
50	Cationic Cp*□Ruthenium Catalysts for Metal-Catalyzed Living Radical Polymerization: Cocatalyst-Independent Catalysis Tuned by Counteranion. *Macromolecules*, **2016**, 49, 2962-2970	5.5	7
49	Chain center-functionalized amphiphilic block polymers: Complementary hydrogen bond self-assembly in aqueous solution. *Journal of Polymer Science Part A*, **2013**, 51, 4498-4504	2.5	6
48	Living Radical Polymerization with Designed Metal Complexes. *ACS Symposium Series*, **2003**, 102-115	0.4	6
47	MALDI-TOF-MS analysis of living cationic polymerization of vinyl ethers. III. Polymerization with SnCl4 and TiCl4 in the absence of additives. *Journal of Polymer Science Part A*, **2001**, 39, 1258-1267	2.5	6
46	The propagating species in living cationic polymerization: Living nature and steric structure of polymers. *Macromolecular Symposia*, **1998**, 132, 75-84	0.8	6
45	Amphiphilic 3-Arm Star Block Polymers by Living Cationic Polymerization. *Polymer Journal*, **1999**, 31, 995-1000	2.7	6

44	Living cationic polymerization of vinyl monomers: New initiators and functional polymer synthesis. *Makromolekulare Chemie Macromolecular Symposia*, **1991**, 47, 67-81		6
43	Living cationic polymerization of vinyl ethers and styrene derivatives: Design of initiating systems based on added salts with halogen anions. *Makromolekulare Chemie Macromolecular Symposia*, **1992**, 60, 47-56		6
42	Ionic Polymerization And Block And Graft Polymers. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **1991**, 15, 197-206	3	6
41	Ru(II)-mediated living radical polymerization: block and random copolymerizations of N,N-dimethylacrylamide and methyl methacrylate. *Macromolecular Symposia*, **2000**, 157, 193-200	0.8	5
40	Star-shaped polymers by living cationic polymerization. VIII. Size and shape of star poly(vinyl ether)s determined by dynamic light scattering and computer simulation. *Journal of Polymer Science, Part B: Polymer Physics*, **1995**, 33, 527-535	2.6	5
39	End-Functionalized polymers by living cationic polymerization. IV. Poly(vinyl ethers) with acidic or basic terminal groups by functional initiator method. *Journal of Polymer Science Part A*, **1990**, 28, 1137-1148	2.5	5
38	Self-assembly of amphiphilic ABA random triblock copolymers in water. *Journal of Polymer Science Part A*, **2019**, 57, 313-321	2.5	5
37	Living cationic polymerization of isobutyl vinyl ether with hydrogen iodide/metal acetylacetonate as initiating system. *Die Makromolekulare Chemie*, **1991**, 192, 2479-2486		4
36	New initiating systems for living cationic polymerization: Design and mechanism. *Makromolekulare Chemie Macromolecular Symposia*, **1992**, 54-55, 41-50		4
35	Lifetime of living polymers in cationic polymerization. II. Living polymerization of isobutyl vinyl ether initiated by the hydrogen iodide/zinc halide systems. *Journal of Polymer Science Part A*, **1990**, 28, 2923-2935	2.5	4
34	Selective vinyl cationic polymerization of monomers with two cationically polymerizable groups. III. 2-vinyloxyethyl glycidyl ether: An epoxy-functionalized vinyl ether. *Journal of Polymer Science Part A*, **1987**, 25, 2717-2727	2.5	4
33	Cationic polymerization of styrenes by protonic acids and their derivatives, 4. Homo- and Co-polymerizations of para-substituted styrenes by CF3SO3H. *Die Makromolekulare Chemie*, **1977**, 178, 1497-1505		4
32	Cationic polymerization of styrene by metal halide and nonmetal halide initiators: Difference between the propagating species derived from the two categories of initiators. *Journal of Polymer Science: Polymer Chemistry Edition*, **1978**, 16, 2675-2678		4
31	Living Radical Polymerization Mediated by Transition Metals: Recent Advances. *ACS Symposium Series*, **1998**, 296-304	0.4	3
30	Principles and design of living cationic polymerization of vinyl monomers: The nature of the growing species based on in-situ 1H NMR analysis. *Makromolekulare Chemie Macromolecular Symposia*, **1993**, 67, 299-309		3
29	Selective vinyl cationic polymerization of monomers with two cationically polymerizable groups. I. p-isopropenylphenyl glycidyl ether: An epoxy-functionalized □-methylstyrene. *Journal of Polymer Science Part A*, **1987**, 25, 1073-1084	2.5	3
28	C3 Cyclopolymerization VI1. Direct Observation of the Propagating Species in the Cationic Polymerization of 1,3-Bis(P-vinylphenyl)propane in 1,2-Dichloroethane. *Polymer Journal*, **1983**, 15, 303-307	2.7	3
27	Cationic Polymerization of p-Methoxystyrene by the Triphenylmethyl Bromide/Iodine Initiating System: Formation of Long-Lived Polymers in Polar Solvent. *Polymer Journal*, **1985**, 17, 1085-1090	2.7	3

26	Periodic introduction of a Hamilton receptor into a polystyrene backbone for a supramolecular graft copolymer with regular intervals. *Polymer Chemistry*, **2016**, 7, 7152-7160	4.9	2
25	Selective Single Monomer Radical Addition via Template-Assisted Ring Closure: A Feasibility Study toward Sequence Control in Vinyl Polymers with Peptide Templates. *ACS Symposium Series*, **2014**, 149-160	0.4	2
24	Self-Assembly of Amphiphilic Random Copolymers: Precision Nanoaggregates Controlled by Primary Structure. *Kobunshi Ronbunshu*, **2017**, 74, 265-277	0	2
23	Cationic polymerization with titanium(iv) compounds: Living polymerization and possibility of stereoregulation. *Macromolecular Symposia*, **1996**, 107, 43-51	0.8	2
22	Total analysis of the growing species in living cationic polymerizations by in-situ multinucleate NMR spectroscopy. *Macromolecular Symposia*, **1994**, 88, 105-115	0.8	2
21	Lifetime of living polymers in cationic polymerization. III. Living polymerization of isobutyl vinyl ether initiated by a cationogen/etalcl2 system in the presence of 1,4-dioxane as an added base. *Journal of Polymer Science Part A*, **1990**, 28, 2937-2948	2.5	2
20	Selective vinyl cationic polymerization of monomers with two cationically polymerizable groups. II. p-vinylphenyl glycidyl ether: An epoxy-functionalized styrene. *Journal of Polymer Science Part A*, **1987**, 25, 2827-2838	2.5	2
19	Studies on propagating species in cationic polymerization of styrene derivatives by acetyl perchlorate or iodine. IV. Common-ion salt effect on the polymerization rate and the steric structure of the polymer obtained by acetyl perchlorate. *Journal of Polymer Science: Polymer Chemistry Edition*, **1978**, 16, 503-510		2
18	Molecular imprinting on amphiphilic folded polymers for selective molecular recognition in water. *Journal of Polymer Science*, **2020**, 58, 215-224	2.4	2
17	Smart catalysis with thermoresponsive ruthenium catalysts for miniemulsion ru-mediated reversible deactivation radical polymerization cocatalyzed by smart iron cocatalysts. *Journal of Polymer Science Part A*, **2019**, 57, 305-312	2.5	2
16	Living radical polymerization of methyl methacrylate with a zerovalent nickel complex, Ni(PPh3) **1999**, 37, 3003		2
15	Ferrocene cocatalysis for ruthenium-catalyzed radical miniemulsion polymerization. *Polymer*, **2016**, 106, 313-319	3.9	1
14	Macromol. Chem. Phys. 18/2017. *Macromolecular Chemistry and Physics*, **2017**, 218,	2.6	1
13	Iodine in Polymer Synthesis **2014**, 489-500		1
12	Living Cationic Polymerization of -Methylstyrene. 2. Synthesis of Block and Random Copolymers with 2-Chloroethyl Vinyl Ether and End-Functionauzed Polymers *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1994**, 31, 937-951	2.2	1
11	Preparation and characterization of stereoisomeric trimers of N-vinylcarbazole by living cationic oligomerization. *Macromolecular Rapid Communications*, **1994**, 15, 475-478	4.8	1
10	Titanium-based lewis acids for living cationic polymerizations of vinyl ethers and styrene: Control of lewis acidity in design of initiating systems. *Macromolecular Symposia*, **1995**, 98, 153-161	0.8	1
9	Selective vinyl cationic polymerization of monomers with two cationically polymerizable groups. IV. New initiating systems for selective and living polymerization of p-isopropenylphenyl glycidyl ether. *Journal of Polymer Science Part A*, **1991**, 29, 339-346	2.5	1

8	Transfer Reaction of the Two Propagating Species in Cationic Polymerization of Styrene by Acetyl Perchlorate or Trifluoromethanesulfonic Acid. *Polymer Journal*, **1977**, 9, 377-380	2.7	1
7	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 vinyl ether) **2000**, 38, 4023		1
6	Unprecedented Sequence Control and Sequence-Driven Properties in a Series of AB-Alternating Copolymers Consisting Solely of Acrylamide Units. *Angewandte Chemie*, **2020**, 132, 5231-5239	3.6	0
5	Macromol. Rapid Commun. 17/2016. *Macromolecular Rapid Communications*, **2016**, 37, 1476-1476	4.8	
4	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers. *Kobunshi Ronbunshu*, **2015**, 72, 468-479	0	
3	Design and Functions of Fluorous Nanospaces with Microgel Star Polymers and Amphiphilic Random Copolymers. *Kobunshi Ronbunshu*, **2015**, 72, 691-706	0	
2	Comments on "Living Polymerization: Rationale for Uniform Terminology" by Darling et al.. *Journal of Polymer Science Part A*, **2000**, 38, 1748-1749	2.5	
1	Living Radical Polymerization163-194		