

Makoto Ouchi

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125
papers

5,407
citations

32
h-index

72
g-index

132
ext. papers

5,978
ext. citations

6.4
avg, IF

6.19
L-index

#	Paper	IF	Citations
125	Transition metal-catalyzed living radical polymerization: toward perfection in catalysis and precision polymer synthesis. <i>Chemical Reviews</i> , 2009 , 109, 4963-5050	68.1	1117
124	Sequence-controlled polymers. <i>Science</i> , 2013 , 341, 1238149	33.3	903
123	Single-chain technology using discrete synthetic macromolecules. <i>Nature Chemistry</i> , 2011 , 3, 917-24	17.6	320
122	Sequence-regulated radical polymerization with a metal-templated monomer: repetitive ABA sequence by double cyclopolymerization. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7434-7	16.4	178
121	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, 1120-32	24.3	175
120	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, 10808-9	16.4	162
119	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, 14748-50	16.4	125
118	Design of AB divinyl template monomers toward alternating sequence control in metal-catalyzed living radical polymerization. <i>Polymer Chemistry</i> , 2011 , 2, 341-347	4.9	107
117	Amphiphilic, Thermosensitive Ruthenium(II)-Bearing Star Polymer Catalysts: One-Pot Synthesis of PEG Armed Star Polymers with Ruthenium(II)-Enclosed Microgel Cores via Metal-Catalyzed Living Radical Polymerization. <i>Macromolecules</i> , 2007 , 40, 3581-3588	5.5	107
116	50th Anniversary Perspective: Metal-Catalyzed Living Radical Polymerization: Discovery and Perspective. <i>Macromolecules</i> , 2017 , 50, 2603-2614	5.5	101
115	A strategy for sequence control in vinyl polymers via iterative controlled radical cyclization. <i>Nature Communications</i> , 2016 , 7, 11064	17.4	88
114	Active, Versatile, and Removable Iron Catalysts with Phosphazanium Salts for Living Radical Polymerization of Methacrylates(1). <i>Macromolecules</i> , 2009 , 42, 188-193	5.5	76
113	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	5.5	76
112	Star-polymer-catalyzed living radical polymerization: microgel-core reaction vessel by tandem catalyst interchange. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7892-5	16.4	71
111	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	2.5	71
110	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	5.5	64
109	Stereoregulation in Cationic Polymerization by Designed Lewis Acids. 1. Highly Isotactic Poly(isobutyl vinyl ether) with Titanium-Based Lewis Acids ¹ . <i>Macromolecules</i> , 1999 , 32, 6407-6411	5.5	62

108	Sequence-controlled polymers via reversible-deactivation radical polymerization. <i>Polymer Journal</i> , 2018 , 50, 83-94	2.7	60
107	Designer template initiator for sequence regulated polymerization: systems design for substrate-selective metal-catalyzed radical addition and living radical polymerization. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 209-14	4.8	56
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	54
105	Ring-Expansion Living Cationic Polymerization via Reversible Activation of a Hemiacetal Ester Bond.. <i>ACS Macro Letters</i> , 2013 , 2, 531-534	6.6	53
104	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	16.4	52
103	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	6.6	43
102	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	16.4	43
101	Fluorinated Microgel-Core Star Polymers as Fluorous Compartments for Molecular Recognition. <i>Macromolecules</i> , 2011 , 44, 4574-4578	5.5	43
100	Phosphine Ligand Decoration toward Active and Robust Iron Catalysts in LRP. <i>Macromolecules</i> , 2013 , 46, 3342-3349	5.5	42
99	Sequence-Regulated Radical Polymerization with a Metal- Templated Monomer: Repetitive ABA Sequence by Double Cyclopolymerization. <i>Angewandte Chemie</i> , 2011 , 123, 7572-7575	3.6	40
98	Ethanol-Mediated Living Radical Homo- and Copolymerizations with Cp*-Ruthenium Catalysts: Active, Robust, and Universal for Functionalized Methacrylates. <i>Macromolecules</i> , 2010 , 43, 5595-5601	5.5	40
97	Carbonyl Phosphine Heteroligation for Pentamethylcyclopentadienyl (Cp*) Iron Complexes: Highly Active and Versatile Catalysts for Living Radical Polymerization. <i>Macromolecules</i> , 2010 , 43, 920-926	5.5	40
96	Evolution of iron catalysts for effective living radical polymerization: PN chelate ligand for enhancement of catalytic performances. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6819-6827	2.5	37
95	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	36
94	Bisphosphine Monoxide-Ligated Ruthenium Catalysts: Active, Versatile, Removable, and Cocatalyst-Free in Living Radical Polymerization. <i>Macromolecules</i> , 2010 , 43, 5989-5995	5.5	35
93	A Study on Physical Properties of Cyclic Poly(vinyl ether)s Synthesized via Ring-Expansion Cationic Polymerization. <i>Macromolecules</i> , 2017 , 50, 841-848	5.5	32
92	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, 1358-64	4.5	31
91	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	2.7	30

90	Oxidation of sec-alcohols with Ru(II)-bearing microgel star polymer catalysts via hydrogen transfer reaction: Unique microgel-core catalysis. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1061-1069	2.5	28
89	Cationic Polymerization of Cyclopentadiene with SnCl ₄ : Control of Molecular Weight and Narrow Molecular Weight Distribution ¹ . <i>Macromolecules</i> , 2001 , 34, 3176-3181	5.5	28
88	In situ hydrogenation of terminal halogen in poly(methyl methacrylate) by ruthenium-catalyzed living radical polymerization: direct transformation of "polymerization catalyst" into "hydrogenation catalyst". <i>Journal of the American Chemical Society</i> , 2006 , 128, 11014-5	16.4	27
87	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	2.5	25
86	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	5.5	24
85	Supramolecular X-Shaped Homopolymers and Block Polymers by Midsegment Complementary Hydrogen Bonds: Design of Bifunctional Initiators with Interactive Sites for Metal-Catalyzed Living Radical Polymerization. <i>Macromolecules</i> , 2012 , 45, 3702-3710	5.5	24
84	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	2.7	23
83	Stereoregulation in cationic polymerization. III. High isospecificity with the bulky phosphoric acid [(RO) ₂ PO ₂ H]/SnCl ₄ initiating systems: Design of counteranions via initiators. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 1067-1074	2.5	23
82	AB-alternating copolymers via chain-growth polymerization: synthesis, characterization, self-assembly, and functions. <i>Chemical Communications</i> , 2020 , 56, 3473-3483	5.8	22
81	Ring-expansion cationic polymerization of vinyl ethers. <i>Polymer Chemistry</i> , 2017 , 8, 4970-4977	4.9	21
80	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	16.4	20
79	Living CO ₂ -Switchable Latexes Prepared via Emulsion ATRP and AGET Miniemulsion ATRP. <i>Macromolecules</i> , 2016 , 49, 6251-6259	5.5	20
78	An Alkenyl Boronate as a Monomer for Radical Polymerizations: Boron as a Guide for Chain Growth and as a Replaceable Side Chain for Post-Polymerization Transformation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12435-12439	16.4	19
77	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	6.6	19
76	Efficient and robust star polymer catalysts for living radical polymerization: cooperative activation in microgel-core reactors. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 833-41	4.8	19
75	Aqueous metal-catalyzed living radical polymerization: highly active water-assisted catalysis. <i>Polymer Journal</i> , 2012 , 44, 51-58	2.7	18
74	Sequence Analysis for Alternating Copolymers by MALDI-TOF-MS: Importance of Initiator Selectivity for Comonomer Pair. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1414-20	4.8	17
73	Controlled radical depolymerization of chlorine-capped PMMA via reversible activation of the terminal group by ruthenium catalyst. <i>European Polymer Journal</i> , 2019 , 120, 109181	5.2	16

72	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	4.9	16
71	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	3.6	16
70	Polymethacrylic Acid Shows Thermoresponsivity in an Organic Solvent. <i>Macromolecules</i> , 2019 , 52, 5995-6004	5.9	16
69	Control of Regioselectivity and Main-Chain Microstructure in Cationic Polymerization of Cyclopentadiene. <i>Macromolecules</i> , 2001 , 34, 6586-6591	5.5	16
68	Discussion on Aperiodic Copolymers. <i>ACS Macro Letters</i> , 2016 , 5, 1-3	6.6	15
67	Ferrocene Cocatalysis in Metal-Catalyzed Living Radical Polymerization: Concerted Redox for Highly Active Catalysis. <i>ACS Macro Letters</i> , 2012 , 1, 321-323	6.6	14
66	Terminal Umpolung in Metal-Catalyzed Living Radical Polymerization: Quantitative End-Capping of Carbon-Halogen Bond via a Modifier Monomer. <i>Macromolecules</i> , 2008 , 41, 4579-4581	5.5	14
65	Precise control of single unit monomer radical addition with a bulky tertiary methacrylate monomer toward sequence-defined oligo- or poly(methacrylate)s via the iterative process. <i>Polymer Chemistry</i> , 2019 , 10, 1998-2003	4.9	13
64	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers: Optimized Ring Propagation. <i>Macromolecular Symposia</i> , 2015 , 350, 105-116	0.8	13
63	Physical gelation of AB-alternating copolymers made of vinyl phenol and maleimide units: cooperation between precisely incorporated phenol and long alkyl pendant groups. <i>Polymer Chemistry</i> , 2019 , 10, 2327-2336	4.9	12
62	Unusual Radical Copolymerization of Suprabulky Methacrylate with N-Hydroxysuccinimide Acrylate: Facile Syntheses of Alternating-Rich Copolymers of Methacrylic Acid and N-Alkyl Acrylamide. <i>Macromolecules</i> , 2019 , 52, 8577-8586	5.5	12
61	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
60	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	12
59	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	11
58	Shuttling Catalyst for Living Radical Miniemulsion Polymerization: Thermoresponsive Ligand for Efficient Catalysis and Removal. <i>ACS Macro Letters</i> , 2015 , 4, 628-631	6.6	11
57	Self-Sorting of Amphiphilic Block-Pendant Homopolymers into Sphere or Rod Micelles in Water. <i>Macromolecules</i> , 2020 , 53, 4942-4951	5.5	10
56	End-Functionalization with Alcohols in Metal-Catalyzed Living Radical Polymerization through Umpolung of Growing Carbon-Halogen Bond. <i>Macromolecules</i> , 2010 , 43, 8910-8916	5.5	10
55	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	3.7	9

54	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	4.9	8
53	Elucidating Monomer Character of an Alkenyl Boronate through Radical Copolymerization Leads to Copolymer Synthesis beyond the Limitation of Copolymerizability by Side-Chain Replacement. <i>ACS Macro Letters</i> , 2020 , 9, 788-793	6.6	8
52	Folded amphiphilic homopolymer micelles in water: uniform self-assembly beyond amphiphilic random copolymers. <i>Polymer Chemistry</i> , 2020 , 11, 5156-5162	4.9	8
51	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	3.6	8
50	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
49	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	8
48	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	8
47	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
46	Ring-expansion cationic cyclopolymerization for the construction of cyclic cyclopolymers. <i>Polymer Chemistry</i> , 2020 , 11, 3964-3971	4.9	7
45	Functionalization at the central position of vinyl polymer chains: highly associable multipoint hydrogen bonds for complementary self-assemblies. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 431-6	4.8	7
44	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. <i>Polymer Chemistry</i> , 2012 , 3, 2193	4.9	7
43	Star-Polymer-Catalyzed Living Radical Polymerization: Microgel-Core Reaction Vessel by Tandem Catalyst Interchange. <i>Angewandte Chemie</i> , 2011 , 123, 8038-8041	3.6	7
42	Halogen Donors in Metal-Catalyzed Living Radical Polymerization: Control of the Equilibrium between Dormant and Active Species. <i>Macromolecules</i> , 2008 , 41, 518-520	5.5	7
41	Alternating Copolymers of Vinyl Catechol or Vinyl Phenol with Alkyl Maleimide for Adhesive and Water-Repellent Coating Materials. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4604-4612	4.3	7
40	Cationic Cp*Ruthenium Catalysts for Metal-Catalyzed Living Radical Polymerization: Cocatalyst-Independent Catalysis Tuned by Counteranion. <i>Macromolecules</i> , 2016 , 49, 2962-2970	5.5	7
39	Construction methodologies and sequence-oriented properties of sequence-controlled oligomers/polymers generated via radical polymerization. <i>Polymer Journal</i> , 2021 , 53, 239-248	2.7	7
38	Selective Coupling and Polymerization of Folded Polymer Micelles to Nanodomain Self-Assemblies. <i>ACS Macro Letters</i> , 2020 , 9, 426-430	6.6	6
37	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	6

36	Amphiphilic 3-Arm Star Block Polymers by Living Cationic Polymerization. <i>Polymer Journal</i> , 1999 , 31, 995-1000	2.7	6
35	Amphiphilic random and random block terpolymers with PEG, octadecyl, and oleyl pendants for controlled crystallization and microphase separation. <i>Polymer Chemistry</i> , 2021 , 12, 1439-1447	4.9	6
34	Metal-Catalyzed Switching Degradation of Vinyl Polymers via Introduction of an "In-Chain" Carbon-Halogen Bond as the Trigger.. <i>ACS Macro Letters</i> , 2021 , 10, 1535-1539	6.6	5
33	Saccharin-pendant methacrylamide as a unique monomer in radical copolymerization: peculiar alternating copolymerization with styrene. <i>Polymer Chemistry</i> , 2020 , 11, 6505-6511	4.9	5
32	One-Pot Preparation of Methacrylate/Styrene Alternating Copolymers via Radical Copolymerization and Alcoholysis Modification: Sequence Impacts on Glass Transition Temperature. <i>ACS Polymers Au</i> ,		5
31	Design guide of amphiphilic crystalline random copolymers for sub-10 nm microphase separation. <i>Polymer Chemistry</i> , 2021 , 12, 501-510	4.9	5
30	Design of Thermoresponsive Polymers Toward Antibody Purification. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1925-1929	4.3	3
29	Unnatural Oligoaminosaccharides with N-1,2-Glycosidic Bonds Prepared by Cationic Ring-Opening Polymerization of 2-Oxazoline-Based Heterobicyclic Sugar Monomers. <i>ACS Macro Letters</i> , 2019 , 8, 1456-1460	6.6	3
28	Living Radical Polymerization with Active Catalysts Promotion of Catalytic Cycle via Dynamic Transformation of the Metal Complex. <i>Kobunshi Ronbunshu</i> , 2011 , 68, 289-306	0	3
27	Recent Development in Polymer Reactions for Overcoming Synthetic Limitations in Chain-growth Polymerization. <i>Chemistry Letters</i> , 2021 , 50, 411-417	1.7	3
26	Amphiphilic Random-Block Copolymer Micelles in Water: Precise and Dynamic Self-Assembly Controlled by Random Copolymer Association. <i>Macromolecules</i> , 2022 , 55, 178-189	5.5	3
25	Design of a maleimide monomer to achieve precise sequence control and functionalization for an alternating copolymer with vinylphenol. <i>Polymer Journal</i> , 2020 , 52, 717-729	2.7	2
24	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	4.9	2
23	An Alkenyl Boronate as a Monomer for Radical Polymerizations: Boron as a Guide for Chain Growth and as a Replaceable Side Chain for Post-Polymerization Transformation. <i>Angewandte Chemie</i> , 2019 , 131, 12565-12569	3.6	2
22	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	0.4	2
21	Multilayered Lamellar Materials and Thin Films by Instant Self-Assembly of Amphiphilic Random Copolymers.. <i>ACS Macro Letters</i> , 2021 , 10, 1524-1528	6.6	2
20	Single-chain crosslinked polymers via the transesterification of folded polymers: from efficient synthesis to crystallinity control. <i>Polymer Chemistry</i> , 2020 , 11, 5181-5190	4.9	2
19	RAFT polymerization of isopropenyl boronate pinacol ester and subsequent terminal olefination: precise synthesis of poly(alkenyl boronate)s and evaluation of their thermal properties. <i>Polymer Journal</i> ,	2.7	2

18	SmartCatalysis with thermoresponsive ruthenium catalysts for miniemulsion ru-mediated reversible deactivation radical polymerization cocatalyzed by smart iron cocatalysts. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 305-312	2.5	2
17	Magnesium bromide (MgBr ₂) as a catalyst for living cationic polymerization and ring-expansion cationic polymerization. <i>Polymer Chemistry</i> , 2021 , 12, 702-710	4.9	2
16	Vinylboronic acid pinacol ester as a vinyl alcohol-precursor monomer in radical copolymerization with styrene. <i>Chemical Communications</i> , 2021 , 57, 7410-7413	5.8	2
15	Construction of ring-based architectures via ring-expansion cationic polymerization and post-polymerization modification: design of cyclic initiators from divinyl ether and dicarboxylic acid. <i>Polymer Chemistry</i> , 2021 , 12, 2532-2541	4.9	2
14	Ferrocene cocatalysis for ruthenium-catalyzed radical miniemulsion polymerization. <i>Polymer</i> , 2016 , 106, 313-319	3.9	1
13	Chain extension of center-functionalized polystyrene via radical-radical coupling: Periodic introduction of complementary hydrogen bonding interaction site on polymer chain. <i>European Polymer Journal</i> , 2015 , 62, 400-408	5.2	1
12	Backbone-Degradable Polymers via Radical Copolymerizations of Pentafluorophenyl Methacrylate with Cyclic Ketene Acetal: Pendant Modification and Efficient Degradation by Alternating-Rich Sequence.. <i>ACS Macro Letters</i> , 2021 , 10, 1223-1228	6.6	1
11	Long-Range Ordered Lamellar Formation with Lower Molecular Weight PS-PMMA Block Copolymers: Significant Effects of Discrete Oligopeptides at the Junction. <i>Macromolecules</i> , 2022 , 55, 2148-2159	5.5	1
10	Orthogonal C-B Bond Transformation as an Approach for Versatile Synthesis of End-Functionalized Polymers.. <i>ACS Macro Letters</i> , 2022 , 11, 706-710	6.6	1
9	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	3.6	0
8	Ouzo phase occurrence with alternating lipo/hydrophilic copolymers in water. <i>Soft Matter</i> , 2021 , 17, 7384-7395	3.6	0
7	Copolymerizations of Saccharin Methacrylamide with Dienes toward Softer Alternating Copolymers and Advanced Sequence Control. <i>Macromolecular Chemistry and Physics</i> , 2100249	2.6	0
6	Macromol. Rapid Commun. 17/2016. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1476-1476	4.8	
5	Sequence Regulation in Chain-Growth Polymerizations 2017 , 257-279		
4	Ring-Expansion Living Cationic Polymerization of Vinyl Ethers. <i>Kobunshi Ronbunshu</i> , 2015 , 72, 468-479		0
3	Architecture dependence of thermal fluctuation effects on the order-disorder transition of block copolymer melts. <i>Polymer</i> , 2008 , 49, 2979-2984	3.9	
2	Designer Molecules Toward Sequence-Controlled Polymers via Chain-Growth Propagation Mechanism 2019 , 369-377		
1	Professor Mitsuo Sawamoto-sensei and innovator in polymer synthesis. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 197-198	2.5	

