

# Masami Kamigaito

## List of Publications by Year in descending order

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304  
papers

20,844  
citations

11651  
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11607  
135  
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322  
all docs

322  
docs citations

322  
times ranked

7624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic RAFT and DT polymerization. <i>Progress in Polymer Science</i> , 2022, 124, 101485.	24.7	53
2	Acridinium salts as photoredox organocatalysts for photomediated cationic RAFT and DT polymerizations of vinyl ethers. <i>Polymer Chemistry</i> , 2022, 13, 1031-1039.	3.9	19
3	Periodically Functionalized Sequence-Regulated Vinyl Polymers via Iterative Atom Transfer Radical Additions and Acyclic Diene Metathesis Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	3
4	Model and Terpenoid-Derived <i>exo</i> -Methylene Six-Membered Conjugated Dienes: Comprehensive Studies on Cationic and Radical Polymerizations of Substituted 3-Methylenecyclohexenes. <i>Macromolecules</i> , 2022, 55, 2300-2309.	4.8	5
5	Asymmetric Cationic Polymerization of Benzofuran through a Reversible Chain-Transfer Mechanism: Optically Active Polybenzofuran with Controlled Molecular Weights. <i>Journal of the American Chemical Society</i> , 2022, 144, 10429-10437.	13.7	11
6	Sequence-regulated vinyl polymers via iterative atom transfer radical additions and acyclic diene metathesis polymerization. <i>Polymer Chemistry</i> , 2021, 12, 423-431.	3.9	6
7	Terpenoid-derived conjugated dienes with <i>exo</i> -methylene and a 6-membered ring: high cationic reactivity, regioselective living cationic polymerization, and random and block copolymerization with vinyl ethers. <i>Polymer Chemistry</i> , 2021, 12, 1186-1198.	3.9	6
8	Stereospecific cationic RAFT polymerization of bulky vinyl ethers and stereoblock poly(vinyl alcohol) via mechanistic transformation to radical RAFT polymerization of vinyl acetate. <i>Giant</i> , 2021, 5, 100047.	5.1	24
9	Hybridization of Step-/Chain-Growth and Radical/Cationic Polymerizations Using Thioacetals as Key Components for Triblock, Periodic and Random Multiblock Copolymers with Thermoresponsiveness. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100192.	3.9	4
10	Nonturbid Fast Temperature-Responsive Hydrogels with Homogeneous Three-Dimensional Networks by Two Types of Star Polymer Synthesis Methods. <i>Macromolecules</i> , 2021, 54, 5750-5764.	4.8	6
11	Mechanical Properties of Homogeneous Polymer Networks Prepared by Star Polymer Synthesis Methods. <i>Macromolecules</i> , 2021, 54, 10468-10476.	4.8	6
12	Bio-based vinylphenol family: Synthesis via decarboxylation of naturally occurring cinnamic acids and living radical polymerization for functionalized polystyrenes. <i>Journal of Polymer Science</i> , 2020, 58, 91-100.	3.8	15
13	Interconvertible and switchable cationic/PET-RAFT copolymerization triggered by visible light. <i>Polymer Journal</i> , 2020, 52, 65-73.	2.7	25
14	Precise Synthesis of a Homogeneous Thermoresponsive Polymer Network Composed of Four-Branched Star Polymers with a Narrow Molecular Weight Distribution. <i>Macromolecules</i> , 2020, 53, 374-386.	4.8	23
15	Bio-based vinylphenol family: Synthesis via decarboxylation of naturally occurring cinnamic acids and living radical polymerization for functionalized polystyrenes. <i>Journal of Polymer Science</i> , 2020, 58, 91-100.	3.8	0
16	Multifactor Control of Vinyl Monomer Sequence, Molecular Weight, and Tacticity via Iterative Radical Additions and Olefin Metathesis Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 18955-18962.	13.7	29
17	Biobased Cycloolefin Polymers: Carvone-Derived Cyclic Conjugated Diene with Reactive <i>exo</i> -Methylene Group for Regioselective and Stereospecific Living Cationic Polymerization. <i>ACS Macro Letters</i> , 2020, 9, 1178-1183.	4.8	16
18	Synergistic Advances in Living Cationic and Radical Polymerizations. <i>Macromolecules</i> , 2020, 53, 6749-6753.	4.8	46

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19	Progress and Perspectives Beyond Traditional RAFT Polymerization. <i>Advanced Science</i> , 2020, 7, 2001656.	11.2	139
20	Epoxy-functionalised 4-vinylguaiacol for the synthesis of bio-based, degradable star polymers via a RAFT/ROCOP strategy. <i>Polymer Chemistry</i> , 2020, 11, 5844-5850.	3.9	7
21	Biobased Polymers via Radical Homopolymerization and Copolymerization of a Series of Terpenoid-Derived Conjugated Dienes with exo-Methylene and 6-Membered Ring. <i>Molecules</i> , 2020, 25, 5890.	3.8	14
22	Thiol-ene Cationic and Radical Reactions: Cyclization, Step-Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6832-6838.	13.8	18
23	Thiol-ene Cationic and Radical Reactions: Cyclization, Step-Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. <i>Angewandte Chemie</i> , 2020, 132, 6899-6905.	2.0	2
24	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. <i>ChemPhotoChem</i> , 2019, 3, 1100-1108.	3.0	10
25	Fully bio-based polymer blend of polyamide 11 and Poly(vinylcatechol) showing thermodynamic miscibility and excellent engineering properties. <i>Polymer</i> , 2019, 181, 121667.	3.8	14
26	1:3 ABA sequence-regulated substituted polymethylenes via alternating radical copolymerization of methyl cinnamate and maleic anhydride followed by post-polymerization reactions. <i>European Polymer Journal</i> , 2019, 120, 109225.	5.4	4
27	Valencene as a naturally occurring sesquiterpene monomer for radical copolymerization with maleimide to induce concurrent 1:1 and 1:2 propagation. <i>Polymer Degradation and Stability</i> , 2019, 161, 183-190.	5.8	13
28	Construction of Sequence-Regulated Vinyl Copolymers via Iterative Single Vinyl Monomer Additions and Subsequent Metal-Catalyzed Step-Growth Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 3327-3341.	4.8	27
29	Halogenation of Propagating Terminal in Anionic Polymerization of Isoprene for the Synthesis of Block Copolymers. <i>Kobunshi Ronbunshu</i> , 2019, 76, 234-240.	0.2	0
30	A User-friendly Living Cationic Polymerization: Degenerative Chain-transfer Polymerization of Vinyl Ethers by Simply Using Mixtures of Weak and Superstrong Protonic Acids. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 851-857.	3.8	15
31	Ferulic acid-based reactive core-shell latex by seeded emulsion polymerization. <i>Polymer Chemistry</i> , 2019, 10, 3116-3126.	3.9	13
32	Cooperative reduction of various RAFT polymer terminals using hydrosilane and thiol <i>via</i> polarity reversal catalysis. <i>Chemical Communications</i> , 2019, 55, 5327-5330.	4.1	5
33	$\text{R}^+\text{Cl}/\text{SnCl}_4\text{-Bu}_4\text{NCl}$ -induced direct living cationic polymerization of naturally-derived unprotected 4-vinylphenol, 4-vinylguaiacol, and 4-vinylcatechol in $\text{CH}_3\text{CN}$ . <i>Polymer Chemistry</i> , 2019, 10, 1192-1201.	3.9	11
34	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. <i>ChemPhotoChem</i> , 2019, 3, 1058-1058.	3.0	0
35	Helix-sense-selective copolymerization of triphenylmethyl methacrylate with chiral 2-isopropenyl-4-phenyl-2-oxazoline. <i>Journal of Polymer Science Part A</i> , 2019, 57, 441-447.	2.3	7
36	Professor Mitsuo Sawamoto <i>sensei</i> and innovator in polymer synthesis. <i>Journal of Polymer Science Part A</i> , 2019, 57, 197-198.	2.3	0

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37	Direct through anionic, cationic, and radical active species: Terminal carbon-halogen bond for controlled/living polymerizations of styrene. <i>Journal of Polymer Science Part A</i> , 2019, 57, 465-473.	2.3	4
38	Controlled Radical Copolymerization of Cinnamic Derivatives as Renewable Vinyl Monomers with Both Acrylic and Styrenic Substituents: Reactivity, Regioselectivity, Properties, and Functions. <i>Biomacromolecules</i> , 2019, 20, 192-203.	5.4	26
39	Degenerative chain-transfer process: Controlling all chain-growth polymerizations and enabling novel monomer sequences. <i>Journal of Polymer Science Part A</i> , 2019, 57, 243-254.	2.3	31
40	Synthesis and stereocomplexation of PMMA-based star polymers prepared by a combination of stereospecific anionic polymerization and crosslinking radical polymerization. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1123-1127.	2.3	3
41	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. <i>Polymer Chemistry</i> , 2018, 9, 352-361.	3.9	37
42	Naturally-Derived Amphiphilic Polystyrenes Prepared by Aqueous Controlled/Living Cationic Polymerization and Copolymerization of Vinylguaiacol with $\text{R}^+\text{OH}/\text{BF}_3\cdot\text{OEt}_2$ . <i>Polymers</i> , 2018, 10, 1404.	4.5	10
43	Scalable Synthesis of Bio-Based Functional Styrene: Protected Vinyl Catechol from Caffeic Acid and Controlled Radical and Anionic Polymerizations Thereof. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13681-13686.	6.7	39
44	Discrete and Stereospecific Oligomers Prepared by Sequential and Alternating Single Unit Monomer Insertion. <i>Journal of the American Chemical Society</i> , 2018, 140, 13392-13406.	13.7	110
45	Spontaneous synthesis of a homogeneous thermoresponsive polymer network composed of polymers with a narrow molecular weight distribution. <i>NPG Asia Materials</i> , 2018, 10, 840-848.	7.9	13
46	Vinyl Ether/Vinyl Ester Copolymerization by Cationic and Radical Interconvertible Simultaneous Polymerization. <i>ACS Symposium Series</i> , 2018, , 323-334.	0.5	13
47	Light Leads to Ultra-Long Polymer Chains in Water. <i>CheM</i> , 2017, 2, 13-15.	11.7	5
48	Innentitelbild: BAB-random Monomer Sequence via Radical Terpolymerization of Limonene...(A), Maleimide...(B), and Methacrylate...(C): Terpene Polymers with Randomly Distributed Periodic Sequences (Angew. Chem. 7/2017). <i>Angewandte Chemie</i> , 2017, 129, 1702-1702.	2.0	1
49	BAB-random Monomer Sequence via Radical Terpolymerization of Limonene...(A), Maleimide...(B), and Methacrylate...(C): Terpene Polymers with Randomly Distributed Periodic Sequences. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1789-1793.	13.8	37
50	BAB-random Monomer Sequence via Radical Terpolymerization of Limonene...(A), Maleimide...(B), and Methacrylate...(C): Terpene Polymers with Randomly Distributed Periodic Sequences. <i>Angewandte Chemie</i> , 2017, 129, 1815-1819.	2.0	10
51	One-shot controlled/living copolymerization for various comonomer sequence distributions via dual radical and cationic active species from RAFT terminals. <i>Polymer Chemistry</i> , 2017, 8, 5002-5011.	3.9	57
52	Bio-Based Functional Styrene Monomers Derived from Naturally Occurring Ferulic Acid for Poly(vinylcatechol) and Poly(vinylguaiacol) via Controlled Radical Polymerization. <i>Macromolecules</i> , 2017, 50, 4206-4216.	4.8	83
53	Synthesis of Syndiotactic Macrocyclic Poly(methyl methacrylate) via Transformation of the Growing Terminal in Stereospecific Anionic Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700041.	2.2	4
54	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)-block-poly(vinylidene fluoride) Block Copolymers. <i>ACS Macro Letters</i> , 2017, 6, 393-398.	4.8	67

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55	Diverse approaches to star polymers via cationic and radical RAFT cross-linking reactions using mechanistic transformation. <i>Polymer Chemistry</i> , 2017, 8, 5972-5981.	3.9	27
56	Synthesis of Isotactic-block-Syndiotactic Poly(methyl Methacrylate) via Stereospecific Living Anionic Polymerizations in Combination with Metal-Halogen Exchange, Halogenation, and Click Reactions. <i>Polymers</i> , 2017, 9, 723.	4.5	8
57	Metal-Free Living Cationic Polymerization via Degenerative Chain-Transfer Mechanism. <i>Journal of the Adhesion Society of Japan</i> , 2017, 53, 179-187.	0.0	0
58	Enantioseparation Using Cellulose Tris(3,5-dimethylphenylcarbamate) as Chiral Stationary Phase for HPLC: Influence of Molecular Weight of Cellulose. <i>Molecules</i> , 2016, 21, 1484.	3.8	22
59	Bio-Based Polyketones by Selective Ring-Opening Radical Polymerization of $\alpha$ -Pinene-Derived Pinocarvone. <i>Angewandte Chemie</i> , 2016, 128, 1394-1398.	2.0	10
60	Bio-Based Polyketones by Selective Ring-Opening Radical Polymerization of $\alpha$ -Pinene-Derived Pinocarvone. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1372-1376.	13.8	67
61	Controlled Polymerization: Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization ( <i>Adv. Sci.</i> 9/2016). <i>Advanced Science</i> , 2016, 3, .	11.2	5
62	Diversifying Cationic RAFT Polymerization with Various Counteranions: Generation of Cationic Species from Organic Halides and Various Metal Salts. <i>ACS Macro Letters</i> , 2016, 5, 1157-1161.	4.8	30
63	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. <i>Advanced Science</i> , 2016, 3, 1500394.	11.2	249
64	Sequence-regulated vinyl copolymers with acid and base monomer units <i>via</i> atom transfer radical addition and alternating radical copolymerization. <i>Polymer Chemistry</i> , 2016, 7, 4833-4841.	3.9	32
65	Fullerene peapod nanoparticles as an organic semiconductorâ€‘electrode interface layer. <i>Chemical Communications</i> , 2016, 52, 3356-3359.	4.1	17
66	Main-Chain and Side-Chain Sequence-Regulated Vinyl Copolymers by Iterative Atom Transfer Radical Additions and 1:1 or 2:1 Alternating Radical Copolymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 944-954.	13.7	94
67	Stereoregular High-Density Bottlebrush Polymer and Its Organic Nanocrystal Stereocomplex through Triple-Helix Formation. <i>Macromolecules</i> , 2016, 49, 788-795.	4.8	16
68	Cross-linked nanocellular polymer films: water- and oil-repellent anti-reflection coating. <i>Polymer Journal</i> , 2016, 48, 497-501.	2.7	7
69	Control of stereochemistry in atom transfer radical addition and step-growth radical polymerization by chiral transition metal catalysts. <i>Tetrahedron</i> , 2016, 72, 7657-7664.	1.9	3
70	A phosphonium intermediate for cationic RAFT polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1387-1396.	3.9	52
71	Controlled/Living Polymerization of Naturally Occurring Terpenes. <i>Kobunshi Ronbunshu</i> , 2015, 72, 421-432.	0.2	4
72	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (2). <i>Nippon Gomu Kyokaishi</i> , 2015, 88, 461-465.	0.0	0

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73	Thioether-Mediated Degenerative Chain-Transfer Cationic Polymerization: A Simple Metal-Free System for Living Cationic Polymerization. <i>Macromolecules</i> , 2015, 48, 5533-5542.	4.8	70
74	Controlled radical polymerization of styrene with magnetic iron oxides prepared through hydrothermal, bioinspired, and bacterial processes. <i>RSC Advances</i> , 2015, 5, 51122-51129.	3.6	2
75	Monomer Sequence Regulation in Main and Side Chains of Vinyl Copolymers: Synthesis of Vinyl Oligomonomers via Sequential Atom Transfer Radical Addition and Their Alternating Radical Copolymerization. <i>ACS Macro Letters</i> , 2015, 4, 745-749.	4.8	40
76	Study of the effect of isotacticity on some physical properties of poly(N-isopropylacrylamide). <i>Colloid and Polymer Science</i> , 2015, 293, 1749-1757.	2.1	11
77	Molecular mapping of poly(methyl methacrylate) super-helix stereocomplexes. <i>Chemical Science</i> , 2015, 6, 1370-1378.	7.4	50
78	Periodic Introduction of Water-Tolerant Titanatrane Complex to Poly(NIPAM) Prepared by Simultaneous Step-Growth and Living Radical Polymerization. <i>ACS Symposium Series</i> , 2015, , 1-14.	0.5	2
79	Cationic RAFT Polymerization Using ppm Concentrations of Organic Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1924-1928.	13.8	165
80	Bio-based Hydrocarbon Polymers. , 2015, , 109-118.		7
81	Bio-based Hydrocarbon Polymers. , 2015, , 1-10.		1
82	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (1). <i>Nippon Gomu Kyokaishi</i> , 2015, 88, 391-396.	0.0	2
83	Construction of Vinyl Polymer and Polyester or Polyamide Units in a Single Polymer Chain via Metal-catalyzed Simultaneous Chain- and Step-growth Radical Polymerization of Various Monomers. <i>Australian Journal of Chemistry</i> , 2014, 67, 544.	0.9	15
84	Living Radical Polymerization: Atom Transfer Radical Polymerization. , 2014, , 1-13.		1
85	Synthesis of Side-Chain-Sequenced Copolymers Using Vinyl Oligomonomers via Sequential Single-Monomer ATRA. <i>ACS Symposium Series</i> , 2014, , 189-200.	0.5	9
86	Renewable $\beta$ -methylstyrenes for bio-based heat-resistant styrenic copolymers: radical copolymerization enhanced by fluoroalcohol and controlled/living copolymerization by RAFT. <i>Polymer Chemistry</i> , 2014, 5, 3182-3189.	3.9	40
87	Sustainable cycloolefin polymer from pine tree oil for optoelectronics material: living cationic polymerization of $\beta$ -pinene and catalytic hydrogenation of high-molecular-weight hydrogenated poly( $\beta$ -pinene). <i>Polymer Chemistry</i> , 2014, 5, 3222-3230.	3.9	79
88	Interconvertible Living Radical and Cationic Polymerization through Reversible Activation of Dormant Species with Dual Activity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10932-10936.	13.8	88
89	Precision Synthesis of Bio-Based Acrylic Thermoplastic Elastomer by RAFT Polymerization of Itaconic Acid Derivatives. <i>Macromolecular Rapid Communications</i> , 2014, 35, 161-167.	3.9	88
90	Synthesis of Titanium-Containing Block, Random, End-Functionalized, and Junction-Functionalized Polymers via Ruthenium-Catalyzed Living Radical Polymerization and Direct Observation of Titanium Domains by Electron Microscopy. <i>Macromolecules</i> , 2014, 47, 944-953.	4.8	11



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91	Stereospecific Cyclic Poly(methyl methacrylate) and Its Topology-Guided Hierarchically Controlled Supramolecular Assemblies. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 459-464.	13.8	55
92	Sequence-Controlled Vinyl Polymers by Transition Metal-Catalyzed Step-Growth and Living Radical Polymerizations. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1613, 17-21.	0.1	0
93	Periodically Functionalized and Grafted Copolymers via 1:2-Sequence-Regulated Radical Copolymerization of Naturally Occurring Functional Limonene and Maleimide Derivatives. <i>Macromolecules</i> , 2013, 46, 5473-5482.	4.8	86
94	1:2-Sequence-regulated radical copolymerization of naturally occurring terpenes with maleimide derivatives in fluorinated alcohol. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1774-1785.	2.3	78
95	Asymmetric anionic polymerization of tris(trimethylsilyl)silyl methacrylate: a highly isotactic helical chiral polymer. <i>Polymer Journal</i> , 2013, 45, 676-680.	2.7	6
96	A simple combination of higher-oxidation-state FeX <sub>3</sub> and phosphine or amine ligand for living radical polymerization of styrene, methacrylate, and acrylate. <i>Polymer Chemistry</i> , 2013, 4, 3554.	3.9	33
97	Direct Mechanistic Transformations from Isotactic or Syndiotactic Living Anionic Polymerizations of Methyl Methacrylate into Metal-Catalyzed Living Radical Polymerizations. <i>ACS Macro Letters</i> , 2013, 2, 72-76.	4.8	21
98	In Situ Direct Mechanistic Transformation from FeCl <sub>3</sub> -Catalyzed Living Cationic to Radical Polymerizations. <i>Macromolecular Symposia</i> , 2013, 323, 64-74.	0.7	8
99	From-syndiotactic-to-isotactic stereogradient methacrylic polymers by RAFT copolymerization of methacrylic acid and its bulky esters. <i>Polymer Chemistry</i> , 2012, 3, 1750-1757.	3.9	28
100	Nanocellular foaming of fluorine containing block copolymers in carbon dioxide: the role of glass transition in carbon dioxide. <i>RSC Advances</i> , 2012, 2, 2821.	3.6	25
101	Kinetic Hydrate Inhibition of Poly( <i>N</i> -isopropylmethacrylamide)s with Different Tacticities. <i>Energy &amp; Fuels</i> , 2012, 26, 3577-3585.	5.1	32
102	Design and Synthesis of Self-Degradable Antibacterial Polymers by Simultaneous Chain- and Step-Growth Radical Copolymerization. <i>Biomacromolecules</i> , 2012, 13, 1554-1563.	5.4	99
103	Random copolymer of styrene and diene derivatives via anionic living polymerization followed by intramolecular Friedel-Crafts cyclization for high-performance thermoplastics. <i>Polymer Chemistry</i> , 2012, 3, 190-197.	3.9	18
104	Intramolecular Friedel-Crafts cyclization and subsequent hydrogenation of styrene-isoprene random copolymers prepared by anionic polymerization for thermally-resistant and optical applications. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1298-1307.	2.3	10
105	Metal-Catalyzed Step-Growth Radical Polymerization of AA and BB Monomers for Monomer Sequence Regulation. <i>ACS Symposium Series</i> , 2012, , 133-144.	0.5	11
106	Immobilization of Amphiphilic Polycations by Catechol Functionality for Antimicrobial Coatings. <i>Langmuir</i> , 2011, 27, 4010-4019.	3.5	89
107	Effects of Tacticity and Molecular Weight of Poly( <i>N</i> -isopropylacrylamide) on Its Glass Transition Temperature. <i>Macromolecules</i> , 2011, 44, 5822-5824.	4.8	55
108	Degradable Poly( <i>N</i> -isopropylacrylamide) with Tunable Thermosensitivity by Simultaneous Chain- and Step-Growth Radical Polymerization. <i>Macromolecules</i> , 2011, 44, 2382-2386.	4.8	46

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109	Iron Oxides as Heterogeneous Catalysts for Controlled/Living Radical Polymerization of Styrene and Methyl Methacrylate. <i>Macromolecules</i> , 2011, 44, 1927-1933.	4.8	25
110	Stereospecific Free Radical and RAFT Polymerization of Bulky Silyl Methacrylates for Tacticity and Molecular Weight Controlled Poly(methacrylic acid). <i>Macromolecules</i> , 2011, 44, 9108-9117.	4.8	38
111	Transition Metal-Catalyzed Step-Growth Radical Polymerization. <i>Kobunshi Ronbunshu</i> , 2011, 68, 436-456.	0.2	1
112	Chiral recognition ability of cellulose derivatives bearing pyridyl and bipyridyl residues as chiral stationary phases for high-performance liquid chromatography. <i>Polymer Journal</i> , 2011, 43, 84-90.	2.7	16
113	Recent developments in metal-catalyzed living radical polymerization. <i>Polymer Journal</i> , 2011, 43, 105-120.	2.7	59
114	Nucleobase-Mediated Stereospecific Radical Polymerization and Combination with RAFT Polymerization for Simultaneous Control of Molecular Weight and Tacticity. <i>Macromolecular Rapid Communications</i> , 2011, 32, 226-232.	3.9	28
115	Highly Efficient Synthesis of Low Polydispersity Core Cross-Linked Star Polymers by Ru-Catalyzed Living Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2011, 32, 456-461.	3.9	22
116	Enantioseparation using amylose esters as chiral stationary phases for high-performance liquid chromatography. <i>Polymer Journal</i> , 2010, 42, 31-36.	2.7	10
117	In Situ and Time-Resolved Small-Angle Neutron Scattering Observation of Star Polymer Formation via Arm-Linking Reaction in Ruthenium-Catalyzed Living Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 8218-8232.	4.8	47
118	Helical Structure of Liquid Crystalline Poly(N-((4-n-butylphenyl)diphenylmethyl) methacrylamide). <i>Macromolecules</i> , 2010, 43, 7386-7390.	4.8	8
119	Metal-Catalyzed Simultaneous Chain- and Step-Growth Radical Polymerization: Marriage of Vinyl Polymers and Polyesters. <i>Journal of the American Chemical Society</i> , 2010, 132, 7498-7507.	13.7	69
120	AAB-Sequence Living Radical Chain Copolymerization of Naturally Occurring Limonene with Maleimide: An End-to-End Sequence-Regulated Copolymer. <i>Journal of the American Chemical Society</i> , 2010, 132, 10003-10005.	13.7	248
121	Sequence-regulated vinyl copolymers by metal-catalysed step-growth radical polymerization. <i>Nature Communications</i> , 2010, 1, 6.	12.8	226
122	In-Situ Direct Mechanistic Transformation from RAFT to Living Cationic Polymerization for (Meth)acrylate-Vinyl Ether Block Copolymers. <i>Macromolecules</i> , 2010, 43, 7523-7531.	4.8	81
123	Stereogradient Polymers Formed by Controlled/Living Radical Polymerization of Bulky Methacrylate Monomers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1991-1994.	13.8	73
124	Nano-to-Macroscale Poly(methyl methacrylate) Stereocomplex Assemblies. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8707-8711.	13.8	40
125	Inside Cover: Nano-to-Macroscale Poly(methyl methacrylate) Stereocomplex Assemblies ( <i>Angew. Chem.</i> )	13.8	107
126	Mn <sub>2</sub> (CO) <sub>10</sub> -induced controlled/living radical copolymerization of vinyl acetate and methyl acrylate: Spontaneous formation of block copolymers consisting of gradient and homopolymer segments. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1343-1353.	2.3	70



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127	Mn(CO) <sub>10</sub> -Induced RAFT Polymerization of Vinyl Acetate, Methyl Acrylate, and Styrene. <i>Polymer Journal</i> , 2009, 41, 595-603.	2.7	46
128	Thiourea-Mediated Stereospecific Radical Polymerization of Acrylamides and Combination with RAFT for Simultaneous Control of Molecular Weight and Tacticity. <i>ACS Symposium Series</i> , 2009, , 49-63.	0.5	7
129	Metal-Catalyzed Radical Polyaddition for Aliphatic Polyesters via Evolution of Atom Transfer Radical Addition into Step-Growth Polymerization. <i>Macromolecules</i> , 2009, 42, 472-480.	4.8	41
130	Stereospecific Living Radical Polymerization: Dual Control of Chain Length and Tacticity for Precision Polymer Synthesis. <i>Chemical Reviews</i> , 2009, 109, 5120-5156.	47.7	274
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