Masami Kamigaito

List of Publications by Year
in descending order

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304 papers	20,844 citations	13332 70 h-index	13274 135 g-index
322 all docs	322 docs citations	322 times ranked	8608 citing authors

#	Article	IF	Citations
1	Cationic RAFT and DT polymerization. Progress in Polymer Science, 2022, 124, 101485.	11.8	53
2	Acridinium salts as photoredox organocatalysts for photomediated cationic RAFT and DT polymerizations of vinyl ethers. Polymer Chemistry, 2022, 13, 1031-1039.	1.9	19
3	Periodically Functionalized Sequenceâ€Regulated Vinyl Polymers via Iterative Atom Transfer Radical Additions and Acyclic Diene Metathesis Polymerization. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	3
4	Model and Terpenoid-Derived exo-Methylene Six-Membered Conjugated Dienes: Comprehensive Studies on Cationic and Radical Polymerizations of Substituted 3-Methylenecyclohexenes. Macromolecules, 2022, 55, 2300-2309.	2.2	5
5	Asymmetric Cationic Polymerization of Benzofuran through a Reversible Chain-Transfer Mechanism: Optically Active Polybenzofuran with Controlled Molecular Weights. Journal of the American Chemical Society, 2022, 144, 10429-10437.	6.6	11
6	Sequence-regulated vinyl polymers via iterative atom transfer radical additions and acyclic diene metathesis polymerization. Polymer Chemistry, 2021, 12, 423-431.	1.9	6
7	Terpenoid-derived conjugated dienes with exo-methylene and a 6-membered ring: high cationic reactivity, regioselective living cationic polymerization, and random and block copolymerization with vinyl ethers. Polymer Chemistry, 2021, 12, 1186-1198.	1.9	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. Giant, 2021, 5, 100047.	2.5	24
9	Hybridization of Stepâ€/Chainâ€Growth and Radical/Cationic Polymerizations Using Thioacetals as Key Components for Triblock, Periodic and Random Multiblock Copolymers with Thermoresponsiveness. Macromolecular Rapid Communications, 2021, 42, e2100192.	2.0	4
10	Nonturbid Fast Temperature-Responsive Hydrogels with Homogeneous Three-Dimensional Networks by Two Types of Star Polymer Synthesis Methods. Macromolecules, 2021, 54, 5750-5764.	2.2	6
11	Mechanical Properties of Homogeneous Polymer Networks Prepared by Star Polymer Synthesis Methods. Macromolecules, 2021, 54, 10468-10476.	2.2	6
12	Bioâ€based vinylphenol family: Synthesis via decarboxylation of naturally occurring cinnamic acids and living radical polymerization for functionalized polystyrenes. Journal of Polymer Science, 2020, 58, 91-100.	2.0	15
13	Interconvertible and switchable cationic/PET-RAFT copolymerization triggered by visible light. Polymer Journal, 2020, 52, 65-73.	1.3	25
14	Precise Synthesis of a Homogeneous Thermoresponsive Polymer Network Composed of Four-Branched Star Polymers with a Narrow Molecular Weight Distribution. Macromolecules, 2020, 53, 374-386.	2.2	23
15	Bioâ€based vinylphenol family: Synthesis via decarboxylation of naturally occurring cinnamic acids and living radical polymerization for functionalized polystyrenes. Journal of Polymer Science, 2020, 58, 91-100.	2.0	0
16	Multifactor Control of Vinyl Monomer Sequence, Molecular Weight, and Tacticity via Iterative Radical Additions and Olefin Metathesis Reactions. Journal of the American Chemical Society, 2020, 142, 18955-18962.	6.6	29
17	Biobased Cycloolefin Polymers: Carvone-Derived Cyclic Conjugated Diene with Reactive exo-Methylene Group for Regioselective and Stereospecific Living Cationic Polymerization. ACS Macro Letters, 2020, 9, 1178-1183.	2.3	16
18	Synergistic Advances in Living Cationic and Radical Polymerizations. Macromolecules, 2020, 53, 6749-6753.	2.2	46

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19	Progress and Perspectives Beyond Traditional RAFT Polymerization. Advanced Science, 2020, 7, 2001656.	5.6	139
20	Epoxy-functionalised 4-vinylguaiacol for the synthesis of bio-based, degradable star polymers via a RAFT/ROCOP strategy. Polymer Chemistry, 2020, 11, 5844-5850.	1.9	7
21	Biobased Polymers via Radical Homopolymerization and Copolymerization of a Series of Terpenoid-Derived Conjugated Dienes with exo-Methylene and 6-Membered Ring. Molecules, 2020, 25, 5890.	1.7	14
22	Thiolâ€Ene Cationic and Radical Reactions: Cyclization, Stepâ€Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. Angewandte Chemie - International Edition, 2020, 59, 6832-6838.	7.2	18
23	Thiolâ€Ene Cationic and Radical Reactions: Cyclization, Stepâ€Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. Angewandte Chemie, 2020, 132, 6899-6905.	1.6	2
24	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. ChemPhotoChem, 2019, 3, 1100-1108.	1.5	10
25	Fully bio-based polymer blend of polyamide 11 and Poly(vinylcatechol) showing thermodynamic miscibility and excellent engineering properties. Polymer, 2019, 181, 121667.	1.8	14
26	1:3 ABAA sequence-regulated substituted polymethylenes via alternating radical copolymerization of methyl cinnamate and maleic anhydride followed by post-polymerization reactions. European Polymer Journal, 2019, 120, 109225.	2.6	4
27	Valencene as a naturally occurring sesquiterpene monomer for radical copolymerization with maleimide to induce concurrent 1:1 and 1:2 propagation. Polymer Degradation and Stability, 2019, 161, 183-190.	2.7	13
28	Construction of Sequence-Regulated Vinyl Copolymers via Iterative Single Vinyl Monomer Additions and Subsequent Metal-Catalyzed Step-Growth Radical Polymerization. Macromolecules, 2019, 52, 3327-3341.	2.2	27
29	Halogenation of Propagating Terminal in Anionic Polymerization of Isoprene for the Synthesis of Block Copolymers. Kobunshi Ronbunshu, 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. Chinese Journal of Polymer Science (English Edition), 2019, 37, 851-857.	2.0	15
31	Ferulic acid-based reactive coreâ€“shell latex by seeded emulsion polymerization. Polymer Chemistry, 2019, 10, 3116-3126.	1.9	13
32	Cooperative reduction of various RAFT polymer terminals using hydrosilane and thiol via polarity reversal catalysis. Chemical Communications, 2019, 55, 5327-5330.	2.2	5
33	Râ€“Cl/SnCl₄/n-Bu₄NCl-induced direct living cationic polymerization of naturally-derived unprotected 4-vinylphenol, 4-vinylguaiacol, and 4-vinylcatechol in CH₃CN. Polymer Chemistry, 2019, 10, 1192-1201.	1.9	11
34	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. ChemPhotoChem, 2019, 3, 1058-1058.	1.5	0
35	Helixâ€senseâ€selective copolymerization of triphenylmethyl methacrylate with chiral 2â€isopropenylâ€4â€phenylâ€2â€oxazoline. Journal of Polymer Science Part A, 2019, 57, 441-447.	2.5	7
36	Professor Mitsuo Sawamotoâ€sensei and innovator in polymer synthesis. Journal of Polymer Science Part A, 2019, 57, 197-198.	2.5	0

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37	Direct through anionic, cationic, and radical active species: Terminal carbonâ€“halogen bond for â€œcontrolledâ€/living polymerizations of styrene. Journal of Polymer Science Part A, 2019, 57, 465-473.	2.5	4
38	Controlled Radical Copolymerization of Cinnamic Derivatives as Renewable Vinyl Monomers with Both Acrylic and Styrenic Substituents: Reactivity, Regioselectivity, Properties, and Functions. Biomacromolecules, 2019, 20, 192-203.	2.6	26
39	Degenerative chainâ€transfer process: Controlling all chainâ€growth polymerizations and enabling novel monomer sequences. Journal of Polymer Science Part A, 2019, 57, 243-254.	2.5	31
40	Synthesis and stereocomplexation of <scp>PMMA</scp>â€based star polymers prepared by a combination of stereospecific anionic polymerization and crosslinking radical polymerization. Journal of Polymer Science Part A, 2018, 56, 1123-1127.	2.5	3
41	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. Polymer Chemistry, 2018, 9, 352-361.	1.9	37
42	Naturally-Derived Amphiphilic Polystyrenes Prepared by Aqueous Controlled/Living Cationic Polymerization and Copolymerization of Vinylguaiacol with Râ€“OH/BF3Â·OEt2. Polymers, 2018, 10, 1404.	2.0	10
43	Scalable Synthesis of Bio-Based Functional Styrene: Protected Vinyl Catechol from Caffeic Acid and Controlled Radical and Anionic Polymerizations Thereof. ACS Sustainable Chemistry and Engineering, 2018, 6, 13681-13686.	3.2	39
44	Discrete and Stereospecific Oligomers Prepared by Sequential and Alternating Single Unit Monomer Insertion. Journal of the American Chemical Society, 2018, 140, 13392-13406.	6.6	110
45	Spontaneous synthesis of a homogeneous thermoresponsive polymer network composed of polymers with a narrow molecular weight distribution. NPG Asia Materials, 2018, 10, 840-848.	3.8	13
46	Vinyl Ether/Vinyl Ester Copolymerization by Cationic and Radical Interconvertible Simultaneous Polymerization. ACS Symposium Series, 2018, , 323-334.	0.5	13
47	Light Leads to Ultra-Long Polymer Chains in Water. CheM, 2017, 2, 13-15.	5.8	5
48	Innentitelbild: BABâ€randomâ€Monomer Sequence via Radical Terpolymerization of Limoneneâ€…(A), Maleimideâ€…(B), and Methacrylateâ€…(C): Terpene Polymers with Randomly Distributed Periodic Sequences (Angew. Chem. 7/2017). Angewandte Chemie, 2017, 129, 1702-1702.	1.6	1
49	BABâ€randomâ€Monomer Sequence via Radical Terpolymerization of Limoneneâ€…(A), Maleimideâ€…(B), and Methacrylateâ€…(C): Terpene Polymers with Randomly Distributed Periodic Sequences. Angewandte Chemie - International Edition, 2017, 56, 1789-1793.	7.2	37
50	BABâ€randomâ€Monomer Sequence via Radical Terpolymerization of Limoneneâ€…(A), Maleimideâ€…(B), and Methacrylateâ€…(C): Terpene Polymers with Randomly Distributed Periodic Sequences. Angewandte Chemie, 2017, 129, 1815-1819.	1.6	10
51	One-shot controlled/living copolymerization for various comonomer sequence distributions via dual radical and cationic active species from RAFT terminals. Polymer Chemistry, 2017, 8, 5002-5011.	1.9	57
52	Bio-Based Functional Styrene Monomers Derived from Naturally Occurring Ferulic Acid for Poly(vinylcatechol) and Poly(vinylguaiacol) via Controlled Radical Polymerization. Macromolecules, 2017, 50, 4206-4216.	2.2	83
53	Synthesis of Syndiotactic Macrocyclic Poly(methyl methacrylate) via Transformation of the Growing Terminal in Stereospecific Anionic Polymerization. Macromolecular Chemistry and Physics, 2017, 218, 1700041.	1.1	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. ACS Macro Letters, 2017, 6, 393-398.	2.3	67

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55	Diverse approaches to star polymers via cationic and radical RAFT cross-linking reactions using mechanistic transformation. Polymer Chemistry, 2017, 8, 5972-5981.	1.9	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. Polymers, 2017, 9, 723.	2.0	8
57	Metal-Free Living Cationic Polymerization via Degenerative Chain-Transfer Mechanism. Journal of the Adhesion Society of Japan, 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. Molecules, 2016, 21, 1484.	1.7	22
59	Bioâ€Based Polyketones by Selective Ringâ€Opening Radical Polymerization of Î±â€Pineneâ€Derived Pinocarvone. Angewandte Chemie, 2016, 128, 1394-1398.	1.6	10
60	Bioâ€Based Polyketones by Selective Ringâ€Opening Radical Polymerization of Î±â€Pineneâ€Derived Pinocarvone. Angewandte Chemie - International Edition, 2016, 55, 1372-1376.	7.2	67
61	Controlled Polymerization: Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization (Adv. Sci. 9/2016). Advanced Science, 2016, 3, .	5.6	5
62	Diversifying Cationic RAFT Polymerization with Various Counteranions: Generation of Cationic Species from Organic Halides and Various Metal Salts. ACS Macro Letters, 2016, 5, 1157-1161.	2.3	30
63	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. Advanced Science, 2016, 3, 1500394.	5.6	249
64	Sequence-regulated vinyl copolymers with acid and base monomer units via atom transfer radical addition and alternating radical copolymerization. Polymer Chemistry, 2016, 7, 4833-4841.	1.9	32
65	Fullerene peapod nanoparticles as an organic semiconductorâ€“electrode interface layer. Chemical Communications, 2016, 52, 3356-3359.	2.2	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. Journal of the American Chemical Society, 2016, 138, 944-954.	6.6	94
67	Stereoregular High-Density Bottlebrush Polymer and Its Organic Nanocrystal Stereocomplex through Triple-Helix Formation. Macromolecules, 2016, 49, 788-795.	2.2	16
68	Cross-linked nanocellular polymer films: water- and oil-repellent anti-reflection coating. Polymer Journal, 2016, 48, 497-501.	1.3	7
69	Control of stereochemistry in atom transfer radical addition and step-growth radical polymerization by chiral transition metal catalysts. Tetrahedron, 2016, 72, 7657-7664.	1.0	3
70	A phosphonium intermediate for cationic RAFT polymerization. Polymer Chemistry, 2016, 7, 1387-1396.	1.9	52
71	Controlled/Living Polymerization of Naturally Occurring Terpenes. Kobunshi Ronbunshu, 2015, 72, 421-432.	0.2	4
72	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (2). Nippon Gomu Kyokaishi, 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. Macromolecules, 2015, 48, 5533-5542.	2.2	70
74	Controlled radical polymerization of styrene with magnetic iron oxides prepared through hydrothermal, bioinspired, and bacterial processes. RSC Advances, 2015, 5, 51122-51129.	1.7	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. ACS Macro Letters, 2015, 4, 745-749.	2.3	40
76	Study of the effect of isotacticity on some physical properties of poly(N-isopropylacrylamide). Colloid and Polymer Science, 2015, 293, 1749-1757.	1.0	11
77	Molecular mapping of poly(methyl methacrylate) super-helix stereocomplexes. Chemical Science, 2015, 6, 1370-1378.	3.7	50
78	Periodic Introduction of Water-Tolerant Titanatrane Complex to Poly(NIPAM) Prepared by Simultaneous Step-Growth and Living Radical Polymerization. ACS Symposium Series, 2015, , 1-14.	0.5	2
79	Cationic RAFT Polymerization Using ppm Concentrations of Organic Acid. Angewandte Chemie - International Edition, 2015, 54, 1924-1928.	7.2	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). Nippon Gomu Kyokaishi, 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. Australian Journal of Chemistry, 2014, 67, 544.	0.5	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. ACS Symposium Series, 2014, , 189-200.	0.5	9
86	Renewable Î²-methylstyrenes for bio-based heat-resistant styrenic copolymers: radical copolymerization enhanced by fluoroalcohol and controlled/living copolymerization by RAFT. Polymer Chemistry, 2014, 5, 3182-3189.	1.9	40
87	Sustainable cycloolefin polymer from pine tree oil for optoelectronics material: living cationic polymerization of Î²-pinene and catalytic hydrogenation of high-molecular-weight hydrogenated poly(Î²-pinene). Polymer Chemistry, 2014, 5, 3222-3230.	1.9	79
88	Interconvertible Living Radical and Cationic Polymerization through Reversible Activation of Dormant Species with Dual Activity. Angewandte Chemie - International Edition, 2014, 53, 10932-10936.	7.2	88
89	Precision Synthesis of Bioâ€Based Acrylic Thermoplastic Elastomer by RAFT Polymerization of Itaconic Acid Derivatives. Macromolecular Rapid Communications, 2014, 35, 161-167.	2.0	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. Macromolecules, 2014, 47, 944-953.	2.2	11

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91	Stereospecific Cyclic Poly(methyl methacrylate) and Its Topologyâ€Guided Hierarchically Controlled Supramolecular Assemblies. Angewandte Chemie - International Edition, 2014, 53, 459-464.	7.2	55
92	Sequence-Controlled Vinyl Polymers by Transition Metal-Catalyzed Step-Growth and Living Radical Polymerizations. Materials Research Society Symposia Proceedings, 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. Macromolecules, 2013, 46, 5473-5482.	2.2	86
94	1:2â€sequenceâ€regulated radical copolymerization of naturally occurring terpenes with maleimide derivatives in fluorinated alcohol. Journal of Polymer Science Part A, 2013, 51, 1774-1785.	2.5	78
95	Asymmetric anionic polymerization of tris(trimethylsilyl)silyl methacrylate: a highly isotactic helical chiral polymer. Polymer Journal, 2013, 45, 676-680.	1.3	6
96	A simple combination of higher-oxidation-state FeX3 and phosphine or amine ligand for living radical polymerization of styrene, methacrylate, and acrylate. Polymer Chemistry, 2013, 4, 3554.	1.9	33
97	Direct Mechanistic Transformations from Isotactic or Syndiotactic Living Anionic Polymerizations of Methyl Methacrylate into Metal-Catalyzed Living Radical Polymerizations. ACS Macro Letters, 2013, 2, 72-76.	2.3	21
98	In Situ Direct Mechanistic Transformation from FeCl₃â€Catalyzed Living Cationic to Radical Polymerizations. Macromolecular Symposia, 2013, 323, 64-74.	0.4	8
99	From-syndiotactic-to-isotactic stereogradient methacrylic polymers by RAFT copolymerization of methacrylic acid and its bulky esters. Polymer Chemistry, 2012, 3, 1750-1757.	1.9	28
100	Nanocellular foaming of fluorine containing block copolymers in carbon dioxide: the role of glass transition in carbon dioxide. RSC Advances, 2012, 2, 2821.	1.7	25
101	Kinetic Hydrate Inhibition of Poly(N-isopropylmethacrylamide)s with Different Tacticities. Energy & Fuels, 2012, 26, 3577-3585.	2.5	32
102	Design and Synthesis of Self-Degradable Antibacterial Polymers by Simultaneous Chain- and Step-Growth Radical Copolymerization. Biomacromolecules, 2012, 13, 1554-1563.	2.6	99
103	Random copolymer of styrene and diene derivatives via anionic living polymerization followed by intramolecular Friedelâ€“Crafts cyclization for high-performance thermoplastics. Polymer Chemistry, 2012, 3, 190-197.	1.9	18
104	Intramolecular friedelâ€crafts cyclization and subsequent hydrogenation of styreneâ€isoprene random copolymers prepared by anionic polymerization for thermallyâ€resistant and optical applications. Journal of Polymer Science Part A, 2012, 50, 1298-1307.	2.5	10
105	Metal-Catalyzed Step-Growth Radical Polymerization of AA and BB Monomers for Monomer Sequence Regulation. ACS Symposium Series, 2012, , 133-144.	0.5	11
106	Immobilization of Amphiphilic Polycations by Catechol Functionality for Antimicrobial Coatings. Langmuir, 2011, 27, 4010-4019.	1.6	89
107	Effects of Tacticity and Molecular Weight of Poly(N-isopropylacrylamide) on Its Glass Transition Temperature. Macromolecules, 2011, 44, 5822-5824.	2.2	55
108	Degradable Poly(N-isopropylacrylamide) with Tunable Thermosensitivity by Simultaneous Chain- and Step-Growth Radical Polymerization. Macromolecules, 2011, 44, 2382-2386.	2.2	46

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109	Iron Oxides as Heterogeneous Catalysts for Controlled/Living Radical Polymerization of Styrene and Methyl Methacrylate. Macromolecules, 2011, 44, 1927-1933.	2.2	25
110	Stereospecific Free Radical and RAFT Polymerization of Bulky Silyl Methacrylates for Tacticity and Molecular Weight Controlled Poly(methacrylic acid). Macromolecules, 2011, 44, 9108-9117.	2.2	38
111	Transition Metal-Catalyzed Step-Growth Radical Polymerization. Kobunshi Ronbunshu, 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. Polymer Journal, 2011, 43, 84-90.	1.3	16
113	Recent developments in metal-catalyzed living radical polymerization. Polymer Journal, 2011, 43, 105-120.	1.3	59
114	Nucleobaseâ€Mediated Stereospecific Radical Polymerization and Combination with RAFT Polymerization for Simultaneous Control of Molecular Weight and Tacticity. Macromolecular Rapid Communications, 2011, 32, 226-232.	2.0	28
115	Highly Efficient Synthesis of Low Polydispersity Core Crossâ€Linked Star Polymers by Ruâ€Catalyzed Living Radical Polymerization. Macromolecular Rapid Communications, 2011, 32, 456-461.	2.0	22
116	Enantioseparation using amylose esters as chiral stationary phases for high-performance liquid chromatography. Polymer Journal, 2010, 42, 31-36.	1.3	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. Macromolecules, 2010, 43, 8218-8232.	2.2	47
118	Helical Structure of Liquid Crystalline Poly(N-((4-n-butylphenyl)diphenylmethyl) methacrylamide). Macromolecules, 2010, 43, 7386-7390.	2.2	8
119	Metal-Catalyzed Simultaneous Chain- and Step-Growth Radical Polymerization: Marriage of Vinyl Polymers and Polyesters. Journal of the American Chemical Society, 2010, 132, 7498-7507.	6.6	69
120	AAB-Sequence Living Radical Chain Copolymerization of Naturally Occurring Limonene with Maleimide: An End-to-End Sequence-Regulated Copolymer. Journal of the American Chemical Society, 2010, 132, 10003-10005.	6.6	248
121	Sequence-regulated vinyl copolymers by metal-catalysed step-growth radical polymerization. Nature Communications, 2010, 1, 6.	5.8	226
122	In-Situ Direct Mechanistic Transformation from RAFT to Living Cationic Polymerization for (Meth)acrylateâ^Vinyl Ether Block Copolymers. Macromolecules, 2010, 43, 7523-7531.	2.2	81
123	Stereogradient Polymers Formed by Controlled/Living Radical Polymerization of Bulky Methacrylate Monomers. Angewandte Chemie - International Edition, 2009, 48, 1991-1994.	7.2	73
124	Nanoâ€toâ€Macroscale Poly(methyl methacrylate) Stereocomplex Assemblies. Angewandte Chemie - International Edition, 2009, 48, 8707-8711.	7.2	40
125	Inside Cover: Nano-to-Macroscale Poly(methyl methacrylate) Stereocomplex Assemblies (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /O	7.2	0
126	Mn₂(CO)₁₀â€induced controlled/living radical copolymerization of vinyl acetate and methyl acrylate: Spontaneous formation of block copolymers consisting of gradient and homopolymer segments. Journal of Polymer Science Part A, 2009, 47, 1343-1353.	2.5	70

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127	Mn2(CO)10-Induced RAFT Polymerization of Vinyl Acetate, Methyl Acrylate, and Styrene. Polymer Journal, 2009, 41, 595-603.	1.3	46
128	Thiourea-Mediated Stereospecific Radical Polymerization of Acrylamides and Combination with RAFT for Simultaneous Control of Molecular Weight and Tacticity. ACS Symposium Series, 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. Macromolecules, 2009, 42, 472-480.	2.2	41
130	Stereospecific Living Radical Polymerization: Dual Control of Chain Length and Tacticity for Precision Polymer Synthesis. Chemical Reviews, 2009, 109, 5120-5156.	23.0	274
131	Mn₂(CO)₁₀-Induced Controlled/Living Radical Copolymerization of Methyl Acrylate and 1-Hexene in Fluoroalcohol: High Î±-Olefin Content Copolymers with Controlled Molecular Weights. Macromolecules, 2009, 42, 2497-2504.	2.2	83
132	Cycloolefin Copolymer Analogues from Styrene and Isoprene: Cationic Cyclization of the Random Copolymers Prepared by Living Anionic Polymerization. Macromolecules, 2009, 42, 620-625.	2.2	20
133	Metal-catalyzed living radical polymerization and radical polyaddition for precision polymer synthesis. Journal of Physics: Conference Series, 2009, 184, 012025.	0.3	3
134	Iron(III) chloride/Râ€Cl/tributylphosphine for metalâ€catalyzed living radical polymerization: A unique system with a higher oxidation state iron complex. Journal of Polymer Science Part A, 2008, 46, 6358-6363.	2.5	35
135	Evolution of iron catalysts for effective living radical polymerization: Pâ€“N chelate ligand for enhancement of catalytic performances. Journal of Polymer Science Part A, 2008, 46, 6819-6827.	2.5	39
136	Enantioseparation using urea- and imide-bearing chitosan phenylcarbamate derivatives as chiral stationary phases for high-performance liquid chromatography. Chirality, 2008, 20, 288-294.	1.3	44
137	Immobilized-type chiral packing materials for HPLC based on polysaccharide derivatives. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 2-11.	1.2	70
138	Organicâ€Inorganic Hybrid Materials for Efficient Enantioseparation Using Cellulose 3,5â€Dimethylphenylcarbamate and Tetraethyl Orthosilicate. Chemistry - an Asian Journal, 2008, 3, 1494-1499.	1.7	38
139	Regiospecific Radical Polymerization of Vinyl Methacrylate in the Presence of Lewis Acids into Soluble Polymers with Pendent Vinyl Ester Substituents. Macromolecules, 2008, 41, 3042-3048.	2.2	28
140	Manganese-Based Controlled/Living Radical Polymerization of Vinyl Acetate, Methyl Acrylate, and Styrene: Highly Active, Versatile, and Photoresponsive Systems. Macromolecules, 2008, 41, 7359-7367.	2.2	117
141	Stereoregulation in Living Radical Polymerization. Macromolecules, 2008, 41, 269-276.	2.2	103
142	Synthesis and Chiral Recognition of Novel Regioselectively Substituted Amylose Derivatives. Chemistry Letters, 2008, 37, 558-559.	0.7	29
143	Precision Control in Radical Polymerization-Control of Molecular Weight, Stereochemistry, and Monomer Sequence-. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 578-589.	0.0	4
144	2ï¼Žãƒªãƒ“ãƒ³ã,°ãƒ©ã,¸ã,«ãƒ«é‡å•ã®åŸºçŽ€ã•±é–‹. Journal of the Japan Society of Colour Material, 2008, 81, 459-470.	0.0	1

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