Shigeru Yamago

List of Publications by Year
in descending order

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210	12,427	25034	30922
papers	citations	57 h-index	102 g-index

252	252	252	5641
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of the Cell Structure of UV-Induced Chemically Blown Nanocellular Foams by Self-Assembled Block Copolymer Morphology. Macromolecules, 2022, 55, 5176-5187.	4.8	3
2	Dynamic Auâ€“C Ïƒ-Bonds Leading to an Efficient Synthesis of [n]Cycloparaphenylenes (n =) Tj ETQq0 0 0 rgBT /Overlock	7.9	9
3	Synthesis and Properties of a Cyclohexaâ€2,7â€anthrylene Ethynylene Derivative. Angewandte Chemie - International Edition, 2021, 60, 998-1003.	13.8	11
4	Synthesis and Properties of a Cyclohexaâ€2,7â€anthrylene Ethynylene Derivative. Angewandte Chemie, 2021, 133, 1011-1016.	2.0	2
5	Role of Lewis Acids in preventing the degradation of dithioester-dormant species in the RAFT polymerization of acrylamides in methanol to enable the successful dual control of molecular weight and tacticity. Polymer Chemistry, 2021, 12, 5336-5341.	3.9	0
6	The Effect of Viscosity on the Coupling and Hydrogen-Abstraction Reaction between Transient and Persistent Radicals?. Bulletin of the Chemical Society of Japan, 2021, 94, 966-972.	3.2	1
7	1,3-Diradicals Embedded in Curved Paraphenylene Units: Singlet versus Triplet State and In-Plane Aromaticity. Journal of the American Chemical Society, 2021, 143, 7426-7439.	13.7	15
8	Evidence for Polarity- and Viscosity-Controlled Pathways in the Termination Reaction in the Radical Polymerization of Acrylonitrile. Macromolecules, 2021, 54, 4497-4506.	4.8	1
9	SOMOâ€“HOMO Conversion in Triplet Carbenes. Organic Letters, 2021, 23, 4955-4959.	4.6	13
10	Practical synthesis of dendritic hyperbranched polymers by reversible deactivation radical polymerization. Polymer Journal, 2021, 53, 847-864.	2.7	13
11	Stereocontrolled radical polymerization of acrylamides by ligand-accelerated catalysis. Polymer Journal, 2021, 53, 515-521.	2.7	4
12	Crystallization of isotactic poly(N,N-diethyl acrylamide) synthesized by ytterbium triflate/H2O-catalyzed stereoselective radical polymerization. Polymer Journal, 2021, 53, 533-538.	2.7	1
13	Selective and Gram-Scale Synthesis of [8]Cycloparaphenylene. Journal of Organic Chemistry, 2020, 85, 2082-2091.	3.2	19
14	Ultrafast Exciton Selfâ€Trapping and Delocalization in Cycloparaphenylenes: The Role of Excitedâ€State Symmetry in Electronâ€Vibrational Coupling. Angewandte Chemie, 2020, 132, 17137-17144.	2.0	4
15	Highly Ordered Nanocellular Polymeric Foams Generated by UV-Induced Chemical Foaming. ACS Macro Letters, 2020, 9, 1433-1438.	4.8	8
16	Tacticity, molecular weight, and temporal control by lanthanide triflate-catalyzed stereoselective radical polymerization of acrylamides with an organotellurium chain transfer agent. Polymer Chemistry, 2020, 11, 7042-7049.	3.9	7
17	Ultrafast Exciton Selfâ€Trapping and Delocalization in Cycloparaphenylenes: The Role of Excitedâ€State Symmetry in Electronâ€Vibrational Coupling. Angewandte Chemie - International Edition, 2020, 59, 16989-16996.	13.8	7
18	Syntheses of Tetrasubstituted [10]Cycloparaphenylenes by a Pdâ€catalyzed Coupling Reaction. Remarkable Effect of Strain on the Oxidative Addition and Reductive Elimination. Chemistry - an Asian Journal, 2020, 15, 2451-2455.	3.3	10

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19	Synthesis of Structurally Controlled, Highly Branched Polymethacrylates by Radical Polymerization through the Design of a Monomer Having Hierarchical Reactivity. Macromolecules, 2020, 53, 3209-3216.	4.8	17
20	Photoactivation of Organotellurium Compounds in Precision Polymer Synthesis: Controlled Radical Polymerization and Radical Coupling Reactions. Bulletin of the Chemical Society of Japan, 2020, 93, 287-298.	3.2	27
21	Synthesis and Reactions of Carbon Nanohoop. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 1147-1158.	0.1	19
22	Oneâ€Step Synthesis of Dendritic Highly Branched Polystyrenes by Organotelluriumâ€Mediated Copolymerization of Styrene and a Dienyl Telluride Monomer. Angewandte Chemie - International Edition, 2019, 58, 3952-3956.	13.8	26
23	Oneâ€Step Synthesis of Dendritic Highly Branched Polystyrenes by Organotelluriumâ€Mediated Copolymerization of Styrene and a Dienyl Telluride Monomer. Angewandte Chemie, 2019, 131, 3992-3996.	2.0	6
24	Organogelators of 5,17-Difunctionalized Calix[4]arenes. Chemistry Letters, 2019, 48, 43-46.	1.3	2
25	Synthesis of Poly(N â€vinylamide)s and Poly(vinylamine)s and Their Block Copolymers by Organotelluriumâ€Mediated Radical Polymerization. Angewandte Chemie, 2019, 131, 7187-7190.	2.0	0
26	Size-Dependent Relaxation Processes of Photoexcited [n]Cycloparaphenylenes (n = 5â€“12): Significant Contribution of Internal Conversion in Smaller Rings. Journal of Physical Chemistry A, 2019, 123, 4737-4742.	2.5	19
27	The Effect of Viscosity on the Diffusion and Termination Reaction of Organic Radical Pairs. Chemistry - A European Journal, 2019, 25, 9846-9850.	3.3	15
28	Synthesis of Poly(Nâ€vinylamide)s and Poly(vinylamine)s and Their Block Copolymers by Organotelluriumâ€Mediated Radical Polymerization. Angewandte Chemie - International Edition, 2019, 58, 7113-7116.	13.8	13
29	Controlled Radical Polymerization of Ethylene Using Organotellurium Compounds. Angewandte Chemie - International Edition, 2018, 57, 305-309.	13.8	39
30	Controlled Radical Polymerization of Ethylene Using Organotellurium Compounds. Angewandte Chemie, 2018, 130, 311-315.	2.0	13
31	Living Ab Initio Emulsion Polymerization of Methyl Methacrylate in Water Using a Waterâ€Soluble Organotellurium Chain Transfer Agent under Thermal and Photochemical Conditions. Angewandte Chemie - International Edition, 2018, 57, 962-966.	13.8	35
32	Living Ab Initio Emulsion Polymerization of Methyl Methacrylate in Water Using a Waterâ€Soluble Organotellurium Chain Transfer Agent under Thermal and Photochemical Conditions. Angewandte Chemie, 2018, 130, 974-978.	2.0	5
33	Significant structural relaxations of excited [n]cycloparaphenylene dications (n = 5â€“9). Physical Chemistry Chemical Physics, 2018, 20, 29207-29211.	2.8	5
34	Visible light-induced free radical promoted cationic polymerization using organotellurium compounds. Polymer Chemistry, 2018, 9, 5639-5643.	3.9	24
35	Synthesis of Photocleavable Block Copolymers for UV Induced Foaming. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 647-650.	0.3	2
36	Synthesis of a Structurally Controlled Polyacrylonitrile Gel for Energy-Storage Devices by an Organotellerium-Mediated Radical Copolymerization and Subsequent Cross-Linking Reaction. ACS Symposium Series, 2018, , 129-142.	0.5	1

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37	Synthesis and Physical Properties of Polyfluorinated Cycloparaphenylenes. Organic Letters, 2018, 20, 5973-5976.	4.6	46
38	Near-Infrared Fluorescence from In-Plane-Aromatic Cycloparaphenylene Dications. Journal of Physical Chemistry A, 2018, 122, 5162-5167.	2.5	20
39	Short-step Synthesis of Large Cycloparaphenylenes. Chemistry Letters, 2018, 47, 1108-1111.	1.3	16
40	Strainâ€Induced Double Carbonâ€“Carbon Bond Activations of Cycloparaphenylenes by a Platinum Complex: Application to the Synthesis of Cyclic Diketones. Angewandte Chemie, 2018, 130, 11588-11591.	2.0	10
41	Strainâ€Induced Double Carbonâ€“Carbon Bond Activations of Cycloparaphenylenes by a Platinum Complex: Application to the Synthesis of Cyclic Diketones. Angewandte Chemie - International Edition, 2018, 57, 11418-11421.	13.8	22
42	Shortest Doubleâ€Walled Carbon Nanotubes Composed of Cycloparaphenylenes. ChemPlusChem, 2017, 82, 1015-1020.	2.8	61
43	Control of the Termination Mechanism in Radical Polymerization by Viscosity: Selective Disproportionation in Viscous Media. Chemistry - A European Journal, 2017, 23, 1299-1305.	3.3	26
44	Shortest Double-Walled Carbon Nanotubes Composed of Cycloparaphenylenes. ChemPlusChem, 2017, 82, 942-942.	2.8	2
45	Bromination of Cycloparaphenylenes: Strainâ€Induced Siteâ€Selective Bisâ€Addition and Its Application for Lateâ€Stage Functionalization. Angewandte Chemie, 2017, 129, 10564-10568.	2.0	16
46	Gram-Scale Syntheses and Conductivities of [10]Cycloparaphenylene and Its Tetraalkoxy Derivatives. Journal of the American Chemical Society, 2017, 139, 18480-18483.	13.7	87
47	Synthesis of structurally controlled hyperbranched polymers using a monomer having hierarchical reactivity. Nature Communications, 2017, 8, 1863.	12.8	66
48	Bromination of Cycloparaphenylenes: Strainâ€Induced Siteâ€Selective Bisâ€Addition and Its Application for Lateâ€Stage Functionalization. Angewandte Chemie - International Edition, 2017, 56, 10428-10432.	13.8	40
49	Synthesis and physical properties of [4]cyclo-3,7-dibenzo[b,d]thiophene and its S,S-dioxide. Canadian Journal of Chemistry, 2017, 95, 351-356.	1.1	31
50	Living Radical Polymerization under Photoimadiation. Journal of the Adhesion Society of Japan, 2017, 53, 157-163.	0.0	0
51	Termination Mechanism of the Radical Polymerization of Acrylates. Macromolecular Rapid Communications, 2016, 37, 506-513.	3.9	39
52	Size Dependence of [n]Cycloparaphenylenes (n=5â€“12) in Electrochemical Oxidation. Chemistry - an Asian Journal, 2016, 11, 1793-1797.	3.3	28
53	The Raman fingerprint of cyclic conjugation: the case of the stabilization of cations and dications in cycloparaphenylenes. Chemical Science, 2016, 7, 3494-3499.	7.4	21
54	Synthesis of Multivalent Organotellurium Chainâ€Transfer Agents by Postâ€modification and Their Applications in Living Radical Polymerization. Chemistry - A European Journal, 2016, 22, 17006-17010.	3.3	10

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55	From linear to cyclic oligoparaphenylenes: electronic and molecular changes traced in the vibrational Raman spectra and reformulation of the bond length alternation pattern. Physical Chemistry Chemical Physics, 2016, 18, 11683-11692.	2.8	30
56	Regioselective Synthesis and Characterization of Multinuclear Convexâ€Bound Rutheniumâ€[n]Cycloparaphenylene (n=5 and 6) Complexes. Angewandte Chemie - International Edition, 2016, 55, 302-306.	13.8	44
57	Tetracyclo(2,7-carbazole)s: Diatropicity and Paratropicity of Inner Regions of Nanohoops. Journal of Organic Chemistry, 2016, 81, 3356-3363.	3.2	58
58	Mechanism of Cu(I)/Cu(0)-Mediated Reductive Coupling Reactions of Bromine-Terminated Polyacrylates, Polymethacrylates, and Polystyrene. ACS Macro Letters, 2016, 5, 248-252.	4.8	30
59	Synthesis and Characterization of [n]CPP (n = 5, 6, 8, 10, and 12) Radical Cation and Dications: Size-Dependent Absorption, Spin, and Charge Delocalization. Journal of the American Chemical Society, 2016, 138, 338-344.	13.7	86
60	Preparation of Biocompatible Poly(2-methacryloyloxyethyl phosphorylcholine) (PMPC) via Organotellulium-Medicated Radical Polymerization (TERP). Kobunshi Ronbunshu, 2015, 72, 335-340.	0.2	0
61	Lewisâ€Acidâ€Mediated Stereospecific Radical Polymerization of Acrylimides Bearing Chiral Oxazolidinones. Chemistry - A European Journal, 2015, 21, 18547-18550.	3.3	12
62	Ligandâ€Controlled Synthesis of [3]â€•and [4]Cycloâ€9,9â€dimethylâ€2,7â€fluorenes through Triangleâ€•and Squareâ€Shaped Platinum Intermediates. Chemistry - A European Journal, 2015, 21, 18939-18943.	3.3	48
63	Practical Synthesis of [n]Cycloparaphenylenes (n=5, 7â€“12) by H₂SnCl₄â€Mediated Aromatization of 1,4â€Dihydroxycycloâ€2,5â€diene Precursors. Chemistry - A European Journal, 2015, 21, 5742-5749.	3.3	121
64	An Innovative Approach to Implementation of Organotellurium-Mediated Radical Polymerization (TERP) in Emulsion Polymerization. Macromolecules, 2015, 48, 4312-4318.	4.8	10
65	Organotellurium-Mediated Radical Polymerization under Photo Irradiation. ACS Symposium Series, 2015, , 295-309.	0.5	13
66	Radical Ions of Cyclopyrenylene: Comparison of Spectral Properties with Cycloparaphenylene. Journal of Physical Chemistry A, 2015, 119, 4136-4141.	2.5	8
67	Selective and Gram-Scale Synthesis of [6]Cycloparaphenylene. Synlett, 2015, 26, 1615-1619.	1.8	63
68	Termination Mechanism in the Radical Polymerization of Methyl Methacrylate and Styrene Determined by the Reaction of Structurally Well-Defined Polymer End Radicals. Macromolecules, 2015, 48, 6450-6456.	4.8	74
69	In-Plane Aromaticity in Cycloparaphenylene Dications: A Magnetic Circular Dichroism and Theoretical Study. Journal of the American Chemical Society, 2015, 137, 82-85.	13.7	112
70	Organoplatinumâ€Mediated Synthesis of Cyclic Ïâ€Conjugated Molecules: Towards a New Era of Threeâ€Dimensional Aromatic Compounds. Chemical Record, 2014, 14, 84-100.	5.8	204
71	Partial Charge Transfer in the Shortest Possible Metallofullerene Peapod, La@C₈₂â€[11]Cycloparaphenylene. Chemistry - A European Journal, 2014, 20, 14403-14409.	3.3	118
72	Properties of Sizeable [n]Cycloparaphenylenes as Molecular Models of Singleâ€Wall Carbon Nanotubes Elucidated by Raman Spectroscopy: Structural and Electronâ€Transfer Responses under Mechanical Stress. Angewandte Chemie - International Edition, 2014, 53, 7033-7037.	13.8	77

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73	Synthesis, Characterization, and Properties of [4]Cycloâ€2,7â€pyrenylene: Effects of Cyclic Structure on the Electronic Properties of Pyrene Oligomers. Angewandte Chemie - International Edition, 2014, 53, 6430-6434.	13.8	138
74	Supramolecular Fullerene Polymers and Networks Directed by Molecular Recognition between Calix[5]arene and C₆₀. Chemistry - A European Journal, 2014, 20, 16138-16146.	3.3	52
75	Synthesis, Characterization, and Properties of [4]Cycloâ€2,7â€pyrenylene: Effects of Cyclic Structure on the Electronic Properties of Pyrene Oligomers. Angewandte Chemie, 2014, 126, 6548-6552.	2.0	54
76	Radical Ions of Cycloparaphenylenes: Size Dependence Contrary to the Neutral Molecules. Journal of Physical Chemistry Letters, 2014, 5, 2302-2305.	4.6	48
77	Modular Synthesis of Mid-Chain-Functionalized Polymers by Photoinduced Diene- and Styrene-Assisted Radical Coupling Reaction of Polymer-End Radicals. Macromolecules, 2014, 47, 582-588.	4.8	21
78	Expanding the Scope of Controlled Radical Polymerization via Cobaltâ€“Tellurium Radical Exchange Reaction. ACS Macro Letters, 2014, 3, 114-118.	4.8	24
79	Controlled Polymerization of Protic Ionic Liquid Monomer by ARGETâ€ATRP and TERP. Macromolecular Rapid Communications, 2014, 35, 642-648.	3.9	16
80	Chameleon-like behaviour of cyclo[n]paraphenylenes in complexes with C₇₀: on their impressive electronic and structural adaptability as probed by Raman spectroscopy. Faraday Discussions, 2014, 173, 157-171.	3.2	30
81	Synthesis and Characterization of [5]Cycloparaphenylene. Journal of the American Chemical Society, 2014, 136, 2284-2287.	13.7	196
82	Properties of Triplet-Excited [n]Cycloparaphenylenes (n = 8â€“12): Excitation Energies Lower than Those of Linear Oligomers and Polymers. Journal of Physical Chemistry A, 2014, 118, 4527-4532.	2.5	56
83	New Organic Chemistry of Three-Dimensional ^|^pi;-Conjugated Compounds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2014, 72, 992-1005.	0.1	5
84	Synthesis of Concentrated Polymer Brushes via Surface-Initiated Organotellurium-Mediated Living Radical Polymerization. Macromolecules, 2013, 46, 6777-6785.	4.8	27
85	Recent progress in the use of photoirradiation in living radical polymerization. Polymer, 2013, 54, 981-994.	3.8	165
86	Synthesis and physical properties of a ball-like three-dimensional Ï€-conjugated molecule. Nature Communications, 2013, 4, 2694.	12.8	139
87	Sizeâ€and Orientationâ€Selective Encapsulation of C₇₀ by Cycloparaphenylenes. Chemistry - A European Journal, 2013, 19, 14061-14068.	3.3	197
88	Isolation and Characterization of the Cycloparaphenylene Radical Cation and Dication. Angewandte Chemie - International Edition, 2013, 52, 13722-13726.	13.8	99
89	Selective Synthesis of [6]-, [8]-, and [10]Cycloparaphenylenes. Chemistry Letters, 2013, 42, 621-623.	1.3	100
90	Enhancement of the Quinoidal Character for Smaller [n]Cycloparaphenylenes Probed by Raman Spectroscopy. ChemPhysChem, 2013, 14, 1570-1572.	2.1	49

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91	Organotellurium-mediated living radical polymerization under photoirradiation by a low-intensity light-emitting diode. Beilstein Journal of Organic Chemistry, 2013, 9, 1607-1612.	2.2	35
92	Selective Synthesis and Crystal Structure of [10]Cycloparaphenylene. Organic Letters, 2012, 14, 3284-3287.	4.6	119
93	Photoinduced Switching from Living Radical Polymerization to a Radical Coupling Reaction Mediated by Organotellurium Compounds. Journal of the American Chemical Society, 2012, 134, 5536-5539.	13.7	82
94	Controlled Copolymerization of 1-Octene and (Meth)acrylates via Organotellurium-Mediated Living Radical Polymerization (TERP). Macromolecules, 2012, 45, 8998-9003.	4.8	42
95	Size-dependent fluorescence properties of [n]cycloparaphenylenes (n = 8â€“13), hoop-shaped Ï€-conjugated molecules. Physical Chemistry Chemical Physics, 2012, 14, 14585.	2.8	150
96	Highly Controlled Organotellurium-Mediated Living Radical Polymerization (TERP) in Ionic Liquids (ILs). The New Role of ILs in Radical Reactions. ACS Macro Letters, 2012, 1, 146-149.	4.8	13
97	Controlled Copolymerization of Acrylate and 6-Methyleneundecane by Organotellurium-Mediated Living Radical Polymerization (TERP). Macromolecules, 2012, 45, 2989-2994.	4.8	33
98	Controlled random and alternating copolymerization of (meth)acrylates, acrylonitrile, and (meth)acrylamides with vinyl ethers by organotelluriumâ€, organostibineâ€, and organobismuthineâ€mediated living radical polymerization reactions. Journal of Polymer Science Part A, 2012, 50, 2254-2264.	2.3	38
99	Synthesis of Ï‰-End Functionalized Polymers through Tellurium-Metal Transmetallation Reaction. ACS Symposium Series, 2012, , 99-114.	0.5	3
100	Quantitative Analysis of the Effect of Azo Initiators on the Structure of Î±-Polymer Chain Ends in Degenerative Chain-Transfer-Mediated Living Radical Polymerization Reactions. Macromolecules, 2011, 44, 8388-8397.	4.8	42
101	Selective and Random Syntheses of [n]Cycloparaphenylenes (n = 8â€“13) and Size Dependence of Their Electronic Properties. Journal of the American Chemical Society, 2011, 133, 8354-8361.	13.7	445
102	Fabrication of highly crosslinked methacrylate-based polymer monoliths with well-defined macropores via living radical polymerization. Polymer, 2011, 52, 4644-4647.	3.8	40
103	Precision Synthesis of Hybrid Block Copolymers by Organotelluriumâ€Mediated Successive Living Radical and Cationic Polymerizations. Chemistry - an Asian Journal, 2011, 6, 445-451.	3.3	36
104	Solubilization of C₆₀ by micellization with a thermoresponsive block copolymer in water: Characterization, singlet oxygen generation, and DNA photocleavage. Journal of Polymer Science Part A, 2011, 49, 2761-2770.	2.3	18
105	Controlled synthesis of hydrophilic concentrated polymer brushes and their friction/lubrication properties in aqueous solutions. Journal of Polymer Science Part A, 2011, 49, 5284-5292.	2.3	26
106	Controlled Alternating Copolymerization of (Meth)acrylates and Vinyl Ethers by Using Organoheteroatomâ€Mediated Living Radical Polymerization. Macromolecular Rapid Communications, 2011, 32, 893-898.	3.9	50
107	Synthesis of Wellâ€defined Amphiphilic Block Copolymers by Organotelluriumâ€Mediated Living Radical Polymerization (TERP). Macromolecular Rapid Communications, 2011, 32, 1576-1582.	3.9	27
108	Substituent effect on the antimony atom in organostibineâ€mediated living radical polymerization. Heteroatom Chemistry, 2011, 22, 307-315.	0.7	5

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109	Sizeâ€Selective Encapsulation of C₆₀ by [10]Cycloparaphenylene: Formation of the Shortest Fullereneâ€Peapod. Angewandte Chemie - International Edition, 2011, 50, 8342-8344.	13.8	407
110	Generation of Carbanions through Stibineâ€“Metal and Bismuthineâ€“Metal Exchange Reactions and Its Applications to Precision Synthesis of Ï‰â€Endâ€Functionalized Polymers. Chemistry - A European Journal, 2011, 17, 5272-5280.	3.3	23
111	Synthesis of [8]Cycloparaphenylene from a Squareâ€Shaped Tetranuclear Platinum Complex. Angewandte Chemie - International Edition, 2010, 49, 757-759.	13.8	497
112	Synthesis of Structurally Wellâ€Defined Telechelic Polymers by Organostibineâ€Mediated Living Radical Polymerization: In Situ Generation of Functionalized Chainâ€Transfer Agents and Selective Ï‰â€Endâ€Group Transformations. Chemistry - A European Journal, 2009, 15, 1018-1029.	3.3	38
113	Rigid Crosslinked Polyacrylamide Monoliths with Wellâ€Defined Macropores Synthesized by Living Polymerization. Macromolecular Rapid Communications, 2009, 30, 986-990.	3.9	59
114	Synthesis of structurally well-controlled Ï‰-vinylidene functionalized poly(alkyl methacrylate)s and polymethacrylonitrile by organotellurium, organostibine, and organobismuthine-mediated living radical polymerizations. Reactive and Functional Polymers, 2009, 69, 416-423.	4.1	37
115	Pore Formation in Poly(divinylbenzene) Networks Derived from Organotellurium-Mediated Living Radical Polymerization. Macromolecules, 2009, 42, 1270-1277.	4.8	69
116	Development of an Arylthiobismuthine Cocatalyst in Organobismuthine-Mediated Living Radical Polymerization: Applications for Synthesis of Ultrahigh Molecular Weight Polystyrenes and Polyacrylates. Journal of the American Chemical Society, 2009, 131, 2508-2513.	13.7	62
117	Precision Polymer Synthesis by Degenerative Transfer Controlled/Living Radical Polymerization Using Organotellurium, Organostibine, and Organobismuthine Chain-Transfer Agents. Chemical Reviews, 2009, 109, 5051-5068.	47.7	408
118	Organotellurium-Mediated Controlled/Living Radical Polymerization Initiated by Direct Câ^'Te Bond Photolysis. Journal of the American Chemical Society, 2009, 131, 2100-2101.	13.7	173
119	Living Radical Polymerization 3. Synthesis of Block Copolymers and End-functionalized Polymers by Chain-end Modification. Nippon Gomu Kyokaishi, 2009, 82, 522-526.	0.0	4
120	Kinetics of Living Anionic Polymerization of Polystyrenyl Lithium in Cyclohexane. Polymer Journal, 2008, 40, 749-762.	2.7	9
121	Optimization of Organotellurium Transfer Agents for Highly Controlled Living Radical Polymerization. Macromolecules, 2008, 41, 527-529.	4.8	49
122	Arylthiols as Highly Chemoselective and Environmentally Benign Radical Reducing Agents. Journal of Organic Chemistry, 2008, 73, 7300-7304.	3.2	28
123	Preparation of Macroporous Poly(divinylbenzene) Gels via Living Radical Polymerization. Materials Research Society Symposia Proceedings, 2008, 1134, 1.	0.1	0
124	Phenyltellanyl Triflate (PhTeOTf) as a Powerful Tellurophilic Activator in the Friedelâ€“Crafts Reaction. Chemistry Letters, 2008, 37, 650-651.	1.3	26
125	Living Radical Polymerization. Kobunshi Ronbunshu, 2007, 64, 329-342.	0.2	1
126	Organotellurium-Mediated Living Radical Polymerization in Miniemulsion. Macromolecules, 2007, 40, 9208-9211.	4.8	62

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127	Thermo-Responsive Diblock Copolymers of Poly(N-isopropylacrylamide) and Poly(N-vinyl-2-pyrroridone) Synthesized via Organotellurium-Mediated Controlled Radical Polymerization (TERP). Macromolecules, 2007, 40, 5907-5915.	4.8	127
128	Highly Controlled Living Radical Polymerization through Dual Activation of Organobismuthines. Angewandte Chemie - International Edition, 2007, 46, 1304-1306.	13.8	140
129	Telluration of seleno- and chloroiminium salts leading to various telluroamides, and their structure and NMR properties. Journal of Organometallic Chemistry, 2007, 692, 129-135.	1.8	16
130	Experimental and theoretical studies on formal Ïƒ-bond metathesis of silyl tellurides with alkyl halides. Journal of Organometallic Chemistry, 2007, 692, 664-670.	1.8	3
131	Kinetic Study on Role of Ditelluride in Organotellurium-Mediated Living Radical Polymerization (TERP). Macromolecules, 2007, 40, 1881-1885.	4.8	64
132	Highly Controlled Synthesis of Poly(N-vinylpyrrolidone) and Its Block Copolymers by Organostibine-Mediated Living Radical Polymerization. Macromolecules, 2006, 39, 5259-5265.	4.8	113
133	Development of organotellurium-mediated and organostibine-mediated living radical polymerization reactions. Journal of Polymer Science Part A, 2006, 44, 1-12.	2.3	165
134	A Systematic Study on Activation Processes in Organotellurium-Mediated Living Radical Polymerizations of Styrene, Methyl Methacrylate, Methyl Acrylate, and Vinyl Acetate. Macromolecules, 2006, 39, 4671-4679.	4.8	121
135	Dialkylphosphates as Stereodirecting Protecting Groups in Oligosaccharide Synthesis. Angewandte Chemie - International Edition, 2006, 45, 7575-7578.	13.8	45
136	Highly Efficient Synthesis of Oligo-N-acetylglucosamines by Iterative Glycosylation of Di- and Tetrachlorophthaloyl-protected Thioglucosamines. Chemistry Letters, 2005, 34, 1556-1557.	1.3	22
137	Invention of organotellurium and organostibine mediators for highly controlled degenerative transfer polymerization. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2005, 81, 117-128.	3.8	32
138	Combinatorial Synthesis of an Oligosaccharide Library by Using Î²-Bromoglycoside-Mediated Iterative Glycosylation of Selenoglycosides: Rapid Expansion of Molecular Diversity with Simple Building Blocks. Chemistry - A European Journal, 2005, 11, 6159-6174.	3.3	40
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