Takashi Ishizone

List of Publications by Year
in descending order

153	4,657	116194	145109
papers	citations	36 h-index	60 g-index

157	157	157	3621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Thermally Sensitive Water-Soluble Polymethacrylates by Living Anionic Polymerizations of Oligo(ethylene glycol) Methyl Ether Methacrylates. Macromolecules, 2003, 36, 8312-8319.	2.2	435
2	Advances in Living Anionic Polymerization: From Functional Monomers, Polymerization Systems, to Macromolecular Architectures. Macromolecules, 2014, 47, 1883-1905.	2.2	220
3	Recent advance in living anionic polymerization of functionalized styrene derivatives. Progress in Polymer Science, 2002, 27, 1399-1471.	11.8	198
4	Anionic Polymerizations of Oligo(ethylene glycol) Alkyl Ether Methacrylates: Effect of Side Chain Length and Ï‰-Alkyl Group of Side Chain on Cloud Point in Water. Macromolecules, 2008, 41, 2963-2967.	2.2	133
5	Stereospecific Anionic Polymerization ofN,N-Dialkylacrylamides. Macromolecules, 1999, 32, 6466-6477.	2.2	99
6	Local Conformation and Relaxation of Polystyrene at Substrate Interface. Macromolecules, 2012, 45, 4643-4649.	2.2	95
7	Living anionic polymerization ofN-methoxymethyl-N-isopropylacrylamide: Synthesis of well-defined poly(N-isopropylacrylamide) having various stereoregularity. Journal of Polymer Science Part A, 2006, 44, 4832-4845.	2.5	94
8	Crystallization Behavior and Crystal Orientation of Poly(Îµ-caprolactone) Homopolymers Confined in Nanocylinders: Effects of Nanocylinder Dimension. Macromolecules, 2012, 45, 1892-1900.	2.2	78
9	Anionic Polymerizations of Perfluoroalkyl Methacrylates and Synthesis of Well-Defined ABC Triblock Copolymers of Methacrylates Containing Hydrophilic, Hydrophobic, and Perfluoroalkyl Groups. Polymer Journal, 1999, 31, 983-988.	1.3	75
10	Spontaneously Formed Hydrophilic Surfaces by Segregation of Block Copolymers with Water-Soluble Blocks. Macromolecules, 2005, 38, 5180-5189.	2.2	75
11	Synthesis of Polystyrene Having an Aminoxy Terminal by the Reactions of Living Polystyrene with an Oxoaminium Salt and with the Corresponding Nitroxyl Radical. Macromolecules, 1994, 27, 3119-3124.	2.2	70
12	Additive Effect of Triethylborane on Anionic Polymerization of N,N-Dimethylacrylamide and N,N-Diethylacrylamide. Macromolecules, 2000, 33, 4411-4416.	2.2	69
13	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	1.1	69
14	Controlled Anionic Polymerization oftert-Butyl Acrylate with Diphenylmethyl Anions in the Presence of Dialkylzinc. Macromolecules, 1998, 31, 8706-8712.	2.2	67
15	Crystal Orientation of Poly(Îµ-caprolactone) Homopolymers Confined in Cylindrical Nanodomains. Macromolecules, 2010, 43, 3916-3923.	2.2	65
16	Anionic polymerization of monomers containing functional groups. 6. Anionic block copolymerization of styrene derivatives para-substituted with electron-withdrawing groups. Macromolecules, 1993, 26, 6964-6975.	2.2	63
17	Synthesis of well-controlled graft polymers by living anionic polymerization towards exact graft polymers. Polymer Chemistry, 2014, 5, 5523.	1.9	60
18	Protection and polymerization of functional monomers. 13. Anionic living polymerization of tert-butyl 4-vinylbenzoate. Macromolecules, 1989, 22, 2895-2901.	2.2	59

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19	Nonvolatile organic field-effect transistor memory devices using polymer electrets with different thiophene chain lengths. Polymer Chemistry, 2014, 5, 1063-1071.	1.9	57
20	Surface Molecular Motion of Monodisperse Î±,Ï‰-Diamino-Terminated and Î±,Ï‰-Dicarboxy-Terminated Polystyrenes. Macromolecules, 2001, 34, 8761-8767.	2.2	52
21	Crystallization of Homopolymers Confined in Spherical or Cylindrical Nanodomains. Macromolecules, 2008, 41, 1915-1918.	2.2	52
22	Anionic Polymerizations of 1-Adamantyl Methacrylate and 3-Methacryloyloxy-1,1â€²-biadamantane. Macromolecular Chemistry and Physics, 2002, 203, 2375-2384.	1.1	50
23	Successive Synthesis of Miktoarm Star Polymers Having up to Seven Arms by a New Iterative Methodology Based on Living Anionic Polymerization Using a Trifunctional Lithium Reagent. Macromolecules, 2013, 46, 819-827.	2.2	50
24	Effect of Chain End Chemistry on Surface Molecular Motion of Polystyrene Films. Macromolecules, 1998, 31, 5148-5149.	2.2	48
25	Synthesis and Surface Characterization of Well-Defined Amphiphilic Block Copolymers Containing Poly[oligo(ethylene glycol) methacrylate] Segments. Macromolecules, 2006, 39, 962-970.	2.2	48
26	Precise Synthesis of Block Polymers Composed of Three or More Blocks by Specially Designed Linking Methodologies in Conjunction with Living Anionic Polymerization System. Polymers, 2013, 5, 1012-1040.	2.0	47
27	Anionic Polymerization of Monomers Containing Functional Groups. 13. Anionic Polymerizations of 2-, 3-, and 4-(3,3-Dimethyl-1-butynyl)styrenes, 2-, 3-, and 4-(1-Hexynyl)styrenes, and 4-(Phenylethynyl)styrene. Macromolecules, 1998, 31, 3764-3774.	2.2	46
28	Synthesis of Water-Soluble Polymethacrylates by Living Anionic Polymerization of Trialkylsilyl-Protected Oligo(ethylene glycol) Methacrylates. Macromolecules, 2003, 36, 42-49.	2.2	46
29	Living Anionic Polymerization of Benzofulvene: Highly Reactive Fixed Transoid 1,3-Diene. ACS Macro Letters, 2013, 2, 164-167.	2.3	46
30	Synthesis of polymers with carboxy end groups by reaction of polystyryl anions with 4-bromo-1,1,1-trimethoxybutane. Macromolecules, 1993, 26, 2145-2150.	2.2	45
31	Synthesis of highly isotactic poly(N,N-diethylacrylamide) by anionic polymerization with grignard reagents and diethylzinc. Journal of Polymer Science Part A, 2000, 38, 4677-4685.	2.5	44
32	Selective Ring-Opening Polymerization of Glycidyl Methacrylate: Toward the Synthesis of Cross-Linked (Co)polyethers with Thermoresponsive Properties. Macromolecules, 2011, 44, 6356-6364.	2.2	42
33	Anionic polymerization of monomers containing functional groups. 5. Anionic polymerizations of 2-, 3-, and 4-cyanostyrene. Macromolecules, 1993, 26, 3009-3018.	2.2	41
34	Protection and polymerization of functional monomers. 19. Synthesis of well-defined poly(ethynylstyrenes) by means of anionic living polymerization of (trimethylsilyl)ethynylstyrenes. Macromolecules, 1993, 26, 6985-6991.	2.2	40
35	Living Anionic Polymerizations of 4-(1-Adamantyl)styrene and 3-(4-Vinylphenyl)-1,1â€˜-biadamantane. Macromolecules, 2006, 39, 5979-5986.	2.2	39
36	Synthesis and Properties of New Thermoplastic Elastomers Containing Poly[4-(1-adamantyl)styrene] Hard Segments. Macromolecules, 2008, 41, 5502-5508.	2.2	39

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37	Anionic polymerization of monomers containing functional groups. 4. Anionic living polymerization of N,N-dialkyl-4-vinylbenzenesulfonamides. Macromolecules, 1992, 25, 4840-4847.	2.2	38
38	Successive synthesis of well-defined multiarmed miktoarm star polymers by iterative methodology using living anionic polymerization. European Polymer Journal, 2013, 49, 2545-2566.	2.6	37
39	Synthesis of well-defined poly(N-isopropylacrylamide) by the anionic polymerization ofN-methoxymethyl-N-isopropylacrylamide. Journal of Polymer Science Part A, 2002, 40, 4328-4332.	2.5	35
40	Synthesis of Poly(1,3-adamantane)s by Cationic Ring-Opening Polymerization of 1,3-Dehydroadamantanes. Macromolecules, 2004, 37, 7069-7071.	2.2	35
41	Living Anionic Polymerization of 1,4-Divinylbenzene. Macromolecules, 2011, 44, 4579-4582.	2.2	35
42	Synthesis of tetramers of 1,3-adamantane derivatives. Tetrahedron Letters, 2001, 42, 8645-8647.	0.7	34
43	Facile Synthetic Approach to Exact Graft (Co)polymers and Double-Tailed Polystyrene: Linking Reaction of Living Anionic Polymers with Specially Designed In-Chain-Multifunctionalized Polystyrenes. Macromolecules, 2011, 44, 5638-5649.	2.2	34
44	Synthesis of Well-Defined Novel Reactive Block Polymers Containing a Poly(1,4-divinylbenzene) Segment by Living Anionic Polymerization. Macromolecules, 2014, 47, 2333-2339.	2.2	34
45	Anionic polymerization of monomers containing functional groups. 2. Anionic living polymerization of 4-cyanostyrene. Macromolecules, 1991, 24, 625-626.	2.2	33
46	Synthesis and Characterization of ABC-Type Asymmetric Star Polymers Comprised of Poly(3-hexylthiophene), Polystyrene, and Poly(2-vinylpyridine) Segments. Macromolecules, 2015, 48, 245-255.	2.2	33
47	Living Anionic Polymerization of N-Methacryloylazetidine: Anionic Polymerizability of N,N-Dialkylmethacrylamides. Macromolecules, 2010, 43, 107-116.	2.2	32
48	Ring-Opening Polymerizations of 1,3-Dehydroadamantanes: Synthesis of Novel Thermally Stable Poly(1,3-adamantane)s. Macromolecules, 2012, 45, 4184-4195.	2.2	32
49	Crystallization Behavior of Poly(Îµ-caprolactone) Chains Confined in Nanocylinders: Effects of Block Chains Tethered to Nanocylinder Interfaces. Macromolecules, 2013, 46, 2199-2205.	2.2	32
50	Anionic polymerization of monomers containing functional groups. 3. Anionic living polymerization of N,N dialkyl-4-vinylbenzamides. Macromolecules, 1991, 24, 5015-5022.	2.2	31
51	Synthesis of Well-Defined Poly(ethylene-alt-1-vinyladamantane) via Living Anionic Polymerization of 2-(1-Adamantyl)-1,3-butadiene, Followed by Hydrogenation. Macromolecules, 2009, 42, 5017-5026.	2.2	31
52	Facile Synthesis of Triblock Co- and Terpolymers of Styrene, 2-Vinylpyridine, and Methyl Methacrylate by a New Methodology Combining Living Anionic Diblock Copolymers with a Specially Designed Linking Reaction. Macromolecules, 2011, 44, 6345-6355.	2.2	30
53	High Anionic Polymerizability of Benzofulvene: New Exo-Methylene Hydrocarbon Monomer. Macromolecules, 2015, 48, 4421-4430.	2.2	30
54	Protection and polymerization of functional monomers. 15. Anionic living polymerizations of 2-(3-vinylphenyl)-1,3-dioxolane and related monomers. Macromolecules, 1991, 24, 1449-1454.	2.2	29

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55	Synthesis of well-defined block copolymers containing poly(N-isopropylacrylamide) segment by anionic block copolymerization of N-methoxymethyl-N-isopropylacrylamide. Designed Monomers and Polymers, 2004, 7, 11-24.	0.7	29
56	Formation of Alternating Copolymers via Spontaneous Copolymerization of 1,3-Dehydroadamantane with Electron-Deficient Vinyl Monomers. Journal of the American Chemical Society, 2006, 128, 8708-8709.	6.6	29
57	General and Facile Approach to Exact Graft Copolymers by Iterative Methodology Using Living Anionic In-Chain-Functionalized AB Diblock Copolymers as Key Building Blocks. Macromolecules, 2011, 44, 3302-3311.	2.2	29
58	Living Anionic Polymerization of 1,4-Divinylbenzene and Its Isomers. Macromolecules, 2013, 46, 146-154.	2.2	29
59	Anionic polymerization of monomers containing functional groups. 7. Anionic polymerizations of N-alkyl-N-(4-vinylbenzylidene)amines. Macromolecules, 1993, 26, 6976-6984.	2.2	28
60	Anionic Polymerization of Monomers Containing Functional Groups. 10. Anionic Polymerizations ofN-Aryl-N-(4-vinylbenzylidene)amines1. Macromolecules, 1997, 30, 6458-6466.	2.2	28
61	Anionic polymerization of monomers containing functional groups, 11. Anionic polymerizations of alkynyl methacrylates. Macromolecular Chemistry and Physics, 1998, 199, 1827-1834.	1.1	28
62	Controlled Anionic Polymerization oftert-Butyl Acrylate with Diphenylmethylpotassium in the Presence of Triethylborane. Macromolecules, 1999, 32, 955-957.	2.2	27
63	Protection and polymerization of functional monomers. 16. Anionic living polymerization of 4-[(trimethylsilyl)ethynyl]styrene. Macromolecules, 1991, 24, 5230-5231.	2.2	26
64	Synthesis of well-defined random and block copolymers of 2-(1-adamantyl)-1,3-butadiene with isoprene via anionic polymerization. Reactive and Functional Polymers, 2009, 69, 409-415.	2.0	25
65	Crystallization behavior of poly(Îµ-caprolactone) chains confined in lamellar nanodomains. Polymer, 2014, 55, 4394-4400.	1.8	25
66	Synthesis and Characterization of Multicomponent ABC- and ABCD-Type Miktoarm Star-Branched Polymers Containing a Poly(3-hexylthiophene) Segment. ACS Macro Letters, 2016, 5, 631-635.	2.3	24
67	Thermally robust nanocellular thin films of high-Tg semifluorinated block copolymers foamed with supercritical carbon dioxide. Soft Matter, 2011, 7, 4032.	1.2	23
68	Effects of Chain-Ends Tethering on the Crystallization Behavior of Poly(Îµ-caprolactone) Confined in Lamellar Nanodomains. Macromolecules, 2015, 48, 7138-7145.	2.2	23
69	Living Anionic Polymerization of N-Methacryloyl-2-methylaziridine:â€‰ Polymerizable N,N-Dialkylmethacrylamide. Macromolecules, 2008, 41, 1929-1936.	2.2	21
70	Reduced Hydrophobic Interaction of Polystyrene Surfaces by Spontaneous Segregation of Block Copolymers with Oligo (Ethylene Glycol) Methyl Ether Methacrylate Blocks: Force Measurements in Water Using Atomic Force Microscope with Hydrophobic Probes. Langmuir, 2008, 24, 5527-5533.	1.6	21
71	Effects of Bulky End-Groups on the Crystallization Kinetics of Poly(Îµ-caprolactone) Homopolymers Confined in a Cylindrical Nanodomain. Macromolecules, 2017, 50, 7202-7210.	2.2	21
72	Convenient Synthesis of Bis-1,3-dithiolium Salts by One-electron Oxidation of Tetrathiafulvalene with Oxoaminium Salts. Chemistry Letters, 1994, 23, 1827-1828.	0.7	20

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73	Protection and polymerization of functional monomers, 22. Synthesis of well-defined poly(4-vinylbenzoic acid) by means of anionic living polymerization of N-(4-vinylbenzoyl)-Nâ€²-methylpiperazine, followed by deprotection. Macromolecular Chemistry and Physics, 1994, 195, 3173-3187.	1.1	18
74	Affinity-based thermoresponsive precipitation of proteins modified with polymer-binding peptides. Chemical Communications, 2016, 52, 5670-5673.	2.2	18
75	Synthesis of polymers carrying adamantyl substituents in side chain. Polymer Journal, 2018, 50, 805-819.	1.3	18
76	Protection and Polymerization of Functional Monomers. 25. Synthesis of Well-Defined Polystyrene Bearing a Triol Functionality by Means of Anionic Living Polymerization of 4-[(4-(4-Vinylphenyl)butoxy)methyl]-1-methyl-2,6,7- trioxabicyclo[2.2.2]octane. Macromolecules, 1995, 28, 4829-4836.	2.2	17
77	Protection and Polymerization of Functional Monomers. 24. Anionic Living Polymerizations of 5-Vinyl- and 4-Vinyl-1,3-benzodioxoles. Macromolecules, 1995, 28, 3787-3793.	2.2	17
78	Synthesis of well-defined polymers end-functionalized with crosslinkable aziridine groups by living anionic polymerization. Journal of Polymer Science Part A, 2005, 43, 4126-4135.	2.5	17
79	Synthesis of water-soluble poly[oligo(ethylene glycol) methacrylate]s by living anionic polymerization of oligo(ethylene glycol) vinyl ether methacrylates. Polymer Chemistry, 2011, 2, 1837.	1.9	17
80	Syntheses of exactly-defined multi-graft polymers with two or more graft chains per branch point by a new iterative methodology. Polymer Chemistry, 2016, 7, 2078-2086.	1.9	16
81	Protection and Polymerization of Functional Monomers. 29. Syntheses of Well-Defined Poly[(4-vinylphenyl)acetic acid], Poly[3-(4-vinylphenyl)propionic acid], and Poly(3-vinylbenzoic acid) by Means of Anionic Living Polymerizations of Protected Monomers Bearing Bicyclic Ortho Ester Moieties. Macromolecules, 1999, 32, 1453-1462.	2.2	15
82	Successive Synthesis of Multiarmed and Multicomponent Starâ€Branched Polymers by New Iterative Methodology Based on Linking Reaction between Block Copolymer Inâ€Chain Anion and Î±â€Phenylacrylateâ€Functionalized Polymer. Macromolecular Chemistry and Physics, 2015, 216, 1523-1533.	1.1	15
83	Tunable Thermoresponsive Mesoporous Block Copolymer Membranes. Macromolecules, 2016, 49, 7886-7896.	2.2	15
84	Living Anionic Addition Reaction of 1,1-Diphenylethylene Derivatives: One-Pot Synthesis of ABC-type Chain-End Sequence-Controlled Polymers. Journal of the American Chemical Society, 2021, 143, 11296-11301.	6.6	15
85	Anionic living polymerization of styrenes containing electron-withdrawing groups. Makromolekulare Chemie Macromolecular Symposia, 1993, 67, 223-236.	0.6	14
86	Anionic Polymerization of Monomers Containing Functional Groups. 9. Anionic Polymerizations of 4-Vinylphenyl Methyl Sulfide, 4-Vinylbenzyl Methyl Sulfide, and 2-(4â€²-Vinylphenyl)ethyl Methyl Sulfide. Macromolecules, 1997, 30, 3728-3731.	2.2	14
87	Anionic polymerization of monomers containing functional groups, 14. Anionic polymerizations of aryl 4-vinylbenzoates. Macromolecular Chemistry and Physics, 2000, 201, 1077-1087.	1.1	14
88	Synthesis of new crosslinkable polymers by chemoselective polymerizations of 2-(1-aziridinyl)ethyl methacrylate. Journal of Polymer Science Part A, 2003, 41, 1335-1340.	2.5	14
89	Precise Synthesis of New Triblock Coâ€•and Terpolymers by a Methodology Combining Living Anionic Polymers with a Specially Designed Linking Reaction. Macromolecular Symposia, 2013, 323, 26-36.	0.4	14
90	Anionic Polymerization of Monomers Containing Functional Groups. 12. Anionic Equilibrium Polymerization of 4-Cyano-Î±-methylstyrene. Macromolecules, 1998, 31, 2797-2803.	2.2	13

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91	Radical polymerization of (phenylethynyl)styrenes and characterization of poly(phenylethynyl)styrenes as a thermally curable material. Polymer Bulletin, 1998, 40, 651-658.	1.7	13
92	Precise Synthesis of Novel Star-Branched Polymers Containing Reactive Poly(1,4-divinylbenzene) Arm(s) by Linking Reaction of Living Anionic Poly(1,4-divinylbenzene) with Chain-(Î±-Phenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (acryl	2.2	13
93	Living Anionic Polymerization of 1,4-Diisopropenylbenzene. Macromolecules, 2015, 48, 3230-3238.	2.2	13
94	Living Anionic Polymerization of 1â€Adamantyl 4â€vinylphenyl ketone. Macromolecular Chemistry and Physics, 2017, 218, 1700015.	1.1	13
95	Living Anionic Polymerization of 4â€(1â€Adamantyl)â€Î±â€Methylstyrene. Macromolecular Chemistry and Physics, 2018, 219, 1700450.	1.1	13
96	Anionic Polymerization of Monomers Containing Functional Groups. 8. Anionic Living Polymerization of 4-Cyano-Î±-methylstyrene. Macromolecules, 1997, 30, 757-763.	2.2	12
97	Controlled Anionic Polymerization of Methacrylonitrile with Diphenylmethylpotassium in the Presence of Triethylborane. Macromolecules, 2001, 34, 6551-6553.	2.2	12
98	Anionic polymerization of 2-haloethyl methacrylates. Polymer, 2003, 44, 4157-4164.	1.8	12
99	Anionic Polymerization Behavior of Î±â€Methyleneâ€Nâ€methylpyrrolidone. Macromolecular Symposia, 2013, 323, 86-91.	0.4	12
100	Living Anionic Polymerization of Benzofulvene in Hydrocarbon Solvent. Macromolecular Symposia, 2015, 350, 55-66.	0.4	12
101	Precise Synthesis of New Exactly Defined Graft Copolymers Made up of Poly(alkyl methacrylate)s by Iterative Methodology Using Living Anionic Polymerization. Macromolecules, 2015, 48, 8307-8314.	2.2	12
102	Biomimetic Synthesis of Antireflective Silica/Polymer Composite Coatings Comprising Vesicular Nanostructures. ACS Applied Materials & Interfaces, 2016, 8, 26309-26318.	4.0	12
103	Tunable magneto-responsive mesoporous block copolymer membranes. Journal of Membrane Science, 2017, 544, 406-415.	4.1	12
104	Nanoscale film morphology and property characteristics of dielectric polymers bearing monomeric and dimeric adamantane units. Polymer, 2019, 169, 225-233.	1.8	12
105	Potassium enolates ofN,N-dialkylamides as initiators of anionic polymerization. Journal of Polymer Science Part A, 2007, 45, 1260-1271.	2.5	11
106	Precise synthesis of thermo-responsive and water-soluble star-branched polymers and star block copolymers by living anionic polymerization. European Polymer Journal, 2011, 47, 713-722.	2.6	11
107	Living Anionic Polymerization of N-(1-Adamantyl)-N-4-vinylbenzylideneamine and N-(2-Adamantyl)-N-4-vinylbenzylideneamine: Effects of Adamantyl Groups on Polymerization Behaviors and Thermal Properties. Macromolecules, 2015, 48, 8489-8496.	2.2	11
108	Synthesis of a well-defined alternating copolymer of 1,1-diphenylethylene and tert-butyldimethylsilyloxymethyl substituted styrene by anionic copolymerization: toward tailored graft copolymers with controlled side chain densities. Polymer Chemistry, 2019, 10, 6413-6422.	1.9	11

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109	Cationic Ring-Opening Polymerization of 1,3-Dehydroadamantanes. Macromolecular Symposia, 2006, 240, 206-212.	0.4	10
110	Crystal orientation of poly(Îµ-caprolactone) chains confined in lamellar nanodomains: Effects of chain-ends tethering to nanodomain interfaces. Polymer, 2017, 112, 116-124.	1.8	10
111	Synthesis and surface characterization of well-defined amphiphilic block copolymers composed of polydimethylsiloxane and poly[oligo(ethylene glycol) methacrylate]. RSC Advances, 2017, 7, 25199-25207.	1.7	10
112	Living Anionic Polymerization Celebrates 60 Years: Unique Features and Polymer Architectures. Macromolecular Chemistry and Physics, 2017, 218, 1700217.	1.1	10
113	Synthesis of highly isotactic poly(N,N-diethylacrylamide) by anionic polymerization with grignard reagents and diethylzinc. Journal of Polymer Science Part A, 2000, 38, 4677-4685.	2.5	10
114	Allylidene Monomers: Anionically Polymerizable 1,1-Disubstituted 1,3-Diene Derivatives. Macromolecules, 2020, 53, 10107-10116.	2.2	10
115	Anionic Polymerizations of 2-Vinylbenzoxazole and 2-Isopropenylbenzoxazole. Macromolecules, 1996, 29, 528-534.	2.2	9
116	Radical polymerization of (trimethylsilylethynyl)styrene and thermal properties of polystyrene with ethynyl group. Polymer Bulletin, 1997, 39, 173-178.	1.7	8
117	Protection and Polymerization of Functional Monomers. 27. Synthesis of Well-Defined Poly(4-vinyl-Î±-methylcinnamic Acid) by Means of Anionic Living Polymerization of 2-[1-Methyl-2-(4-ethenylphenyl)ethenyl]-4,4-dimethyl-2-oxazoline. Macromolecules, 1998, 31, 5598-5608.	2.2	8
118	Salt resistivity of poly (4-vinyl benzoic acid) gel. Colloid and Polymer Science, 2006, 285, 485-489.	1.0	8
119	Cationic ring-opening polymerization of novel 1,3-dehydroadamantanes with various alkyl substituents: Synthesis of thermally stable poly(1,3-adamantane)s. Journal of Polymer Science Part A, 2013, 51, 4111-4124.	2.5	8
120	Anionic Polymerization of Polar Vinyl Monomers: Vinylpyridines, (Meth)acrylates, (Meth)acrylamides, (Meth)acrylonitrile, Phenyl Vinyl Sulfoxide, Benzofulvene, and Other Monomers. , 2015, , 127-189.		8
121	Bioinspired structural transition of synthetic polymers through biomolecular ligand binding. Chemical Communications, 2018, 54, 12006-12009.	2.2	8
122	Combined effects of confinement size and chain-end tethering on the crystallization of poly(Îµ-caprolactone) chains in nanolamellae. Polymer, 2019, 160, 73-81.	1.8	8
123	Surface Characterization of Block Copolymers with Water-soluble Block by using Sum-Frequency Generation Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2006, 4, 515-520.	0.1	8
124	Synthesis and ring-opening reaction of novel 1,3-dehydroadamantanes possessing phenyl and alkoxyl substituents. Tetrahedron, 2013, 69, 3238-3248.	1.0	7
125	Living Anionic Polymerization of Î±-Methyleneindane: An Exo-Methylene Hydrocarbon Monomer. Macromolecules, 2015, 48, 6900-6908.	2.2	7
126	Anionic Polymerization of Divinylbenzenes Possessing Methoxy Group. Macromolecular Chemistry and Physics, 2017, 218, 1600550.	1.1	7

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127	Living anionic polymerization of 1,4-divinylbenzene and its derivatives. Reactive and Functional Polymers, 2018, 127, 94-112.	2.0	7
128	A thermoresponsive dynamic polymer brush fabricated by the segregation of amphiphilic diblock copolymers. Soft Matter, 2018, 14, 5930-5935.	1.2	7
129	Protection and polymerization of functional monomers, 26. Synthesis of well-defined poly[4-(3â€²-butynyl)styrene] by means of anionic polymerization of 4-(4â€²-trimethylsilyl-3â€²-butynyl)styrene. Macromolecular Chemistry and Physics, 1996, 197, 1781-1791.	1.1	6
130	Synthesis of 1,3-Dehydroadamantanes Possessing Alkyl, Phenyl, and Alkoxy Substituents by Intramolecular Wurtz-Type Coupling Reaction of 1,3-Dibromoadamantanes. Synthesis, 2013, 45, 3332-3340.	1.2	6
131	Synthesis of chain end acyl-functionalized polymers by living anionic polymerization: versatile precursors for H-shaped polymers. Polymer Chemistry, 2019, 10, 3951-3959.	1.9	6
132	Living Anionic Polymerization of 4-Halostyrenes. Macromolecules, 2021, 54, 1489-1498.	2.2	6
133	Anionic Polymerization ofp-Pentamethyldisilyl-,p-Heptamethyltrisilyl-, andp-nonamethyltetrasilylstyrenes1. Macromolecules, 2003, 36, 5081-5087.	2.2	5
134	Surface characterization of amphiphilic block copolymers possessing polyisoprene and poly[tri(ethylene glycol) methacrylate] segments and the effect of side chain ï‰-function on surface energy. Polymer, 2020, 190, 122257.	1.8	5
135	Polymerizability of exomethylene monomers based on adamantyl frameworks. Polymer Chemistry, 2021, 12, 3602-3611.	1.9	5
136	Anionic Polymerization ofN-Methacryloyl-2-methylaziridine andN-Methacryloylazetidine. Macromolecular Symposia, 2007, 249-250, 412-416.	0.4	4
137	Spontaneous Copolymerization of 1,3-Dehydroadamantane. Macromolecular Symposia, 2007, 249-250, 373-377.	0.4	4
138	Two dimensional nano-dot array engineering of block copolymer surface micelles on water surface. Thin Solid Films, 2009, 518, 724-728.	0.8	4
139	Tailored Synthesis of Triblock Co- and Terpolymers Composed of Synthetically Difficult Sequence Orders by Combining Living Anionic Polymerization with Specially Designed Linking Reaction. Macromolecular Chemistry and Physics, 2016, 217, 622-635.	1.1	4
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