Toyoji Kakuchi

List of Publications by Year
in descending order

178	4,912	94433	138484
papers	citations	37 h-index	58 g-index

181	181	181	3685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diphenyl Phosphate as an Efficient Cationic Organocatalyst for Controlled/Living Ring-Opening Polymerization of Î´-Valerolactone and Îµ-Caprolactone. Macromolecules, 2011, 44, 1999-2005.	4.8	272
2	Diphenyl Phosphate as an Efficient Acidic Organocatalyst for Controlled/Living Ring-Opening Polymerization of Trimethylene Carbonates Leading to Block, End-Functionalized, and Macrocyclic Polycarbonates. Macromolecules, 2013, 46, 1772-1782.	4.8	139
3	Synthesis and thermoresponsive property of end-functionalized poly(N-isopropylacrylamide) with pyrenyl group. Journal of Polymer Science Part A, 2006, 44, 1117-1124.	2.3	117
4	Synthesis and Stereocomplex Formation of Star-Shaped Stereoblock Polylactides Consisting of Poly(<scp>l</scp>-lactide) and Poly(<scp>d</scp>-lactide) Arms. Macromolecules, 2013, 46, 8509-8518.	4.8	103
5	Recent progress in organocatalytic group transfer polymerization. Polymer Chemistry, 2013, 4, 4278.	3.9	100
6	Synthesis of Helical Poly(phenylacetylene)s with Amide Linkage Bearing <scp>l</scp>-Phenylalanine and <scp>l</scp>-Phenylglycine Ethyl Ester Pendants and Their Applications as Chiral Stationary Phases for HPLC. Macromolecules, 2013, 46, 8406-8415.	4.8	96
7	Thermoresponsive Vesicular Morphologies Obtained by Self-Assemblies of Hybrid Oligosaccharide-block-poly(N-isopropylacrylamide) Copolymer Systems. Langmuir, 2010, 26, 2325-2332.	3.5	88
8	Controlled/Living Ring-Opening Polymerization of Î´-Valerolactone Using Triflylimide as an Efficient Cationic Organocatalyst. Macromolecules, 2010, 43, 7090-7094.	4.8	81
9	Synthesis of well-defined AB20-type star polymers with cyclodextrin-core by combination of NMP and ATRP. Journal of Polymer Science Part A, 2005, 43, 4271-4279.	2.3	80
10	Synthesis of endâ€functionalized polyethers by phosphazene baseâ€catalyzed ringâ€opening polymerization of 1,2â€butylene oxide and glycidyl ether. Journal of Polymer Science Part A, 2012, 50, 1941-1952.	2.3	76
11	Synthesis of Linear, Cyclic, Figure-Eight-Shaped, and Tadpole-Shaped Amphiphilic Block Copolyethers via t-Bu-P₄-Catalyzed Ring-Opening Polymerization of Hydrophilic and Hydrophobic Glycidyl Ethers. Macromolecules, 2014, 47, 2853-2863.	4.8	75
12	Organic Superbase as an Efficient Catalyst for Group Transfer Polymerization of Methyl Methacrylate. Macromolecules, 2011, 44, 4641-4647.	4.8	73
13	A Versatile Method for Adjusting Thermoresponsivity: Synthesis and â€˜Clickâ€™ Reaction of an Azido Endâ€Functionalized Poly(Nâ€isopropylacrylamide). Macromolecular Rapid Communications, 2008, 29, 1126-1133.	3.9	72
14	Synthesis of High Molecular Weight and End-Functionalized Poly(styrene oxide) by Living Ring-Opening Polymerization of Styrene Oxide Using the Alcohol/Phosphazene Base Initiating System. Macromolecules, 2011, 44, 9099-9107.	4.8	72
15	Multilevel nonvolatile transistor memories using a star-shaped poly((4-diphenylamino)benzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	7.9	70
16	Strong BrÃ¸nsted Acid as a Highly Efficient Promoter for Group Transfer Polymerization of Methyl Methacrylate. Macromolecules, 2009, 42, 8747-8750.	4.8	65
17	Core-First Synthesis of Three-, Four-, and Six-Armed Star-Shaped Poly(methyl methacrylate)s by Group Transfer Polymerization Using Phosphazene Base. Macromolecules, 2011, 44, 9091-9098.	4.8	65
18	Glycoconjugated Polymer. 5. Synthesis and Characterization of a Seven-Arm Star Polystyrene with a Î²-Cyclodextrin Core Based on TEMPO-Mediated Living Radical Polymerization. Macromolecules, 2003, 36, 3914-3920.	4.8	62

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19	Synthesis, Branched Structure, and Solution Property of Hyperbranchedd-Glucan andd-Galactan. Macromolecules, 2005, 38, 4202-4210.	4.8	61
20	Synthesis of Linear and Star-Shaped Poly[4-(diphenylamino)benzyl methacrylate]s by Group Transfer Polymerization and Their Electrical Memory Device Applications. Macromolecules, 2011, 44, 5168-5177.	4.8	59
21	Polymeric Chiral Crown Ethers VI. Optical Resolution of Î±-Amino Acid by Polymers Incorporating 1,3;4,6-Di-O-benzylidene-D-mannitol Residues. Polymer Journal, 1990, 22, 199-205.	2.7	56
22	Synthesis of well-defined syndiotactic poly(methyl methacrylate) with low-temperature atom transfer radical polymerization in fluoroalcohol. Journal of Polymer Science Part A, 2006, 44, 1436-1446.	2.3	56
23	Synthesis of Star- and Figure-Eight-Shaped Polyethers by t-Bu-P₄-Catalyzed Ring-Opening Polymerization of Butylene Oxide. Macromolecules, 2013, 46, 3841-3849.	4.8	56
24	Synthesis, thermomorphic characteristics, and fluorescent properties of poly[2,7-(9,9-dihexylfluorene)]-block-poly(N-isopropylacrylamide)-block-poly(N-hydroxyethylacrylamide) rod-coil-coil triblock copolymers. Soft Matter, 2009, 5, 3761.	2.7	55
25	10 nm Scale Cylinderâ€“Cubic Phase Transition Induced by Caramelization in Sugar-Based Block Copolymers. ACS Macro Letters, 2012, 1, 1379-1382.	4.8	55
26	Metal-cation-induced chiroptical switching for poly(phenylacetylene) bearing a macromolecular ionophore as a graft chain. Journal of Polymer Science Part A, 2005, 43, 5855-5863.	2.3	54
27	Diphenyl phosphate/4-dimethylaminopyridine as an efficient binary organocatalyst system for controlled/living ring-opening polymerization of<scp>L</scp>-lactide leading to diblock and end-functionalized poly(<scp>L</scp>-lactide)s. Journal of Polymer Science Part A, 2014, 52, 1047-1054.	2.3	53
28	Group Transfer Polymerization of N,N-Dimethylacrylamide Using Nobel Efficient System Consisting of Dialkylamino Silyl Enol Ether as an Initiator and Strong BrÃ¸nsted Acid as an Organocatalyst. Macromolecules, 2010, 43, 5589-5594.	4.8	49
29	Donorâ€“Acceptor Poly(3â€hexylthiophene)â€blockâ€Pendent Poly(isoindigo) with Dual Roles of Charge Transporting and Storage Layer for Highâ€Performance Transistorâ€Type Memory Applications. Advanced Functional Materials, 2016, 26, 2695-2705.	14.9	49
30	Strict Size Specificity in Colorimetric Anion Detection Based on Poly(phenylacetylene) Receptor Bearing Second Generation Lysine Dendrons. Macromolecules, 2011, 44, 4249-4257.	4.8	48
31	Thermoresponsive Onâ^'Off Switching of Chiroptical Property Induced in Poly(4â€˜-ethynylbenzo-15-crown-5)/l±-Amino Acid System. Macromolecules, 2006, 39, 4032-4037.	4.8	47
32	Synthesis of unimolecular reversed micelle consisting of a poly(L-lactide) shell and hyperbranchedD-mannan core. Journal of Polymer Science Part A, 2006, 44, 406-413.	2.3	47
33	Wellâ€Defined Functional Linear Aliphatic Diblock Copolyethers: A Versatile Linear Aliphatic Polyether Platform for Selective Functionalizations and Various Nanostructures. Advanced Functional Materials, 2012, 22, 5194-5208.	14.9	43
34	Influence of stereoregularity and linkage groups on chiral recognition of poly(phenylacetylene) derivatives bearing <scp>L</scp>â€leucine ethyl ester pendants as chiral stationary phases for HPLC. Journal of Polymer Science Part A, 2013, 51, 2271-2278.	2.3	43
35	Synthesis and characterization of phenylboronic acid-containing polymer for glucose-triggered drug delivery+. Science and Technology of Advanced Materials, 2020, 21, 1-10.	6.1	43
36	Optical and Chiroptical Output of Anion Recognition Event Using Clustered Sulfonamide Groups Organized on Poly(phenylacetylene) Backbone. Macromolecules, 2009, 42, 3892-3897.	4.8	41

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37	Synthesis of Homopolymers, Diblock Copolymers, and Multiblock Polymers by Organocatalyzed Group Transfer Polymerization of Various Acrylate Monomers. Macromolecules, 2015, 48, 511-519.	4.8	40
38	Controlled/Living Ring-Opening Polymerization of Glycidylamine Derivatives Using t-Bu-P₄/Alcohol Initiating System Leading to Polyethers with Pendant Primary, Secondary, and Tertiary Amino Groups. Macromolecules, 2015, 48, 3217-3229.	4.8	40
39	High-performance stretchable resistive memories using donorâ€“acceptor block copolymers with fluorene rods and pendent isoindigo coils. NPG Asia Materials, 2016, 8, e298-e298.	7.9	40
40	Thermoresponsive Property Controlled by End-Functionalization of Poly(N-isopropylacrylamide) with Phenyl, Biphenyl, and Triphenyl Groups. Polymer Journal, 2006, 38, 306-310.	2.7	36
41	Synthesis of block and endâ€functionalized polyesters by triflimideâ€catalyzed ringâ€opening polymerization of Îµâ€caprolactone, 1,5â€dioxepanâ€2â€one, and rac â€lactide. Journal of Polymer Science Part A, 2013, 51, 2455-2463.	2.3	36
42	Well-defined and stable nanomicelles self-assembled from brush cyclic and tadpole copolymer amphiphiles: a versatile smart carrier platform. NPG Asia Materials, 2017, 9, e453-e453.	7.9	36
43	Controlled polymerization of methyl acrylate for highâ€molecularâ€weight polymers by pentafluorophenylbis(triflyl)methaneâ€promoted group transfer polymerization using triisopropylsilyl ketene acetal. Journal of Polymer Science Part A, 2012, 50, 3560-3566.	2.3	35
44	Synthesis of Î±-, Ï‰-, and Î±,Ï‰-End-Functionalized Poly(n-butyl acrylate)s by Organocatalytic Group Transfer Polymerization Using Functional Initiator and Terminator. Macromolecules, 2014, 47, 5514-5525.	4.8	35
45	Synthesis and Helicity Induction of Poly(phenylacetylene) Derivatives Bearing a Crown Cavity on the Main Chain. Macromolecules, 2005, 38, 9441-9447.	4.8	34
46	Poly(Nâ€hydroxyethylacrylamide) Prepared by Atom Transfer Radical Polymerization as a Nonionic, Waterâ€Soluble, and Hydrolysisâ€Resistant Polymer and/or Segment of Block Copolymer with a Wellâ€Defined Molecular Weight. Macromolecular Chemistry and Physics, 2009, 210, 349-358.	2.2	34
47	Synthesis and characterization of Eu(III) complexes of modified d-glucosamine and poly(N-isopropylacrylamide). Materials Science and Engineering C, 2017, 78, 603-608.	7.3	34
48	Deuterium Nuclear Quadrupole Coupling and cisâ^'trans Isomerization in Poly(phenylacetylene-d1). Macromolecules, 1997, 30, 1074-1078.	4.8	33
49	Synthesis of poly(isobutyl-co-2,2,2-trifluoroethyl methacrylate) with 5,10,15,20-tetraphenylporphinato platinum(II) moiety as an oxygen-sensing dye for pressure-sensitive paint. Journal of Polymer Science Part A, 2005, 43, 2997-3006.	2.3	32
50	Thermoresponsive properties of 3-, 4-, 6-, and 12-armed star-shaped poly[2-(dimethylamino)ethyl methacrylate]s prepared by core-first group transfer polymerization. Polymer Chemistry, 2014, 5, 4701-4709.	3.9	32
51	Control of the Aggregation Properties of Tris(maltohexaose)â€Linked Porphyrins with an Alkyl Chain. European Journal of Organic Chemistry, 2010, 2010, 663-671.	2.4	31
52	Bis(4â€nitrophenyl) phosphate as an efficient organocatalyst for ringâ€opening polymerization of Î²â€butyrolactone leading to endâ€functionalized and diblock polyesters. Journal of Polymer Science Part A, 2014, 52, 2032-2039.	2.3	31
53	Synthesis and phototoxic property of tetra- and octa-glycoconjugated tetraphenylchlorins. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3543-3548.	2.2	30
54	Syntheses of 3-arm and 4-arm star-branched polystyrene Ru(II) complexes by the click-to-chelate approach. Journal of Polymer Science Part A, 2011, 49, 746-753.	2.3	29

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55	Synthesis of Oligosaccharide-Based Block Copolymers with Pendent Ï€-Conjugated Oligofluorene Moieties and Their Electrical Device Applications. Macromolecules, 2015, 48, 3907-3917.	4.8	28
56	Chiral discrimination of a helically organized crown ether array parallel to the helix axis of polyisocyanate. Journal of Polymer Science Part A, 2006, 44, 325-334.	2.3	27
57	Effect of chain architecture on the phase transition of star and cyclic poly(N-isopropylacrylamide) in water. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2059-2068.	2.1	27
58	Design and synthesis of thermoresponsive aliphatic polyethers with a tunable phase transition temperature. Polymer Chemistry, 2017, 8, 5698-5707.	3.9	27
59	Synthesis of Hyperbranched Carbohydrate Polymer by Ring-Opening Multibranching Polymerization of 1,4-Anhydroerythritol and 1,4-Anhydro-l-threitol. Macromolecules, 2004, 37, 3113-3119.	4.8	26
60	Synthesis and thermoresponsive properties of four-arm star-shaped poly(N-isopropylacrylamide)s bearing covalent and non-covalent cores. Polymer Chemistry, 2015, 6, 3608-3616.	3.9	26
61	Polyacetylenes as Colorimetric and Fluorescent Chemosensor for Anions. Polymer Reviews, 2017, 57, 159-174.	10.9	26
62	End-functionalization of polystyrene by malto-oligosaccharide generating aggregation-tunable polymeric reverse micelle. Journal of Polymer Science Part A, 2006, 44, 4864-4879.	2.3	25
63	Synthesis of Glycoconjugated Branched Macromolecular Architectures. Polymer Journal, 2008, 40, 383-397.	2.7	25
64	Structural effect of a series of block copolymers consisting of poly(N-isopropylacrylamide) and poly(N-hydroxyethylacrylamide) on thermoresponsive behavior. Reactive and Functional Polymers, 2009, 69, 463-469.	4.1	25
65	Pendant structure governed anion sensing property for sulfonamideâ€functionalized poly(phenylacetylene)s bearing various Î±â€amino acids. Journal of Polymer Science Part A, 2010, 48, 1683-1689.	2.3	25
66	Synthesis of end-functionalized poly(N-isopropylacrylamide) with group of asymmetrical phthalocyanine via atom transfer radical polymerization and its photocatalytic oxidation of Rhodamine B. Polymer Chemistry, 2011, 2, 2590.	3.9	25
67	Synthesis and characterization of well-defined thermo- and light-responsive diblock copolymers by atom transfer radical polymerization and click chemistry. Polymer Chemistry, 2011, 2, 2068.	3.9	25
68	Glycoconjugated Polymer II. Synthesis of Polystyrene-block-poly(4-vinylbenzyl glucoside) and Polystyrene-block-poly(4-vinylbenzyl maltohexaoside) via 2,2,6,6-Tetramethylpiperidine-1-oxyl-Mediated Living Radical Polymerization.. Polymer Journal, 2001, 33, 939-945.	2.7	25
69	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1985, 6, 551-555.	1.1	24
70	Glycoconjugated polymer 6. Synthesis of poly[styrene- block -(styrene- graft -amylose)] via potato phosphorylase-catalyzed polymerization. Polymer Bulletin, 2003, 49, 405-410.	3.3	24
71	B(C₆F₅)₃-Catalyzed Group Transfer Polymerization of n-Butyl Acrylate with Hydrosilane through In Situ Formation of Initiator by 1,4-Hydrosilylation of n-Butyl Acrylate. ACS Macro Letters, 2014, 3, 1015-1019.	4.8	24
72	Synthesis and Thermoresponsive Property of Linear, Cyclic, and Star-Shaped Poly(N,N-diethylacrylamide)s Using B(C₆F₅)₃-Catalyzed Group Transfer Polymerization as Facile End-Functionalization Method. Macromolecules, 2016, 49, 4828-4838.	4.8	24

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73	B(C₆F₅)₃-Catalyzed Group Transfer Polymerization of N,N-Disubstituted Acrylamide Using Hydrosilane: Effect of Hydrosilane and Monomer Structures, Polymerization Mechanism, and Synthesis of Î±-End-Functionalized Polyacrylamides. Macromolecules, 2016, 49, 3049-3060.	4.8	24
74	Enantiomer-selective radical cyclopolymerization ofrac-2,4-pentanediyl dimethacrylate using a ruthenium-mediated chiral atom transfer radical polymerization initiating system. Journal of Polymer Science Part A, 2004, 42, 4563-4569.	2.3	23
75	Synthesis of various endâ€functionalized polyesters by controlled/living ringâ€opening polymerization of lactones using pentafluorophenylbis(triflyl)methane. Journal of Polymer Science Part A, 2011, 49, 3769-3777.	2.3	23
76	Preparation of superabsorbent hydrogels from poly(aspartic acid) by chemical crosslinking. Polymer Bulletin, 2011, 67, 1285-1292.	3.3	22
77	Comb-shaped, temperature-tunable and water-soluble porphyrin-based thermoresponsive copolymer for enhanced photodynamic therapy. Materials Science and Engineering C, 2018, 82, 155-162.	7.3	22
78	Synthesis of polymers with crown ether units via cyclopolymerization of diepoxides. Die Makromolekulare Chemie Rapid Communications, 1984, 5, 115-118.	1.1	21
79	Synthesis of syndiotacticâ€rich starâ€shaped poly(methyl methacrylate) by coreâ€first group transfer polymerization using Nâ€(trimethylsilyl)bis(trifluoromethanesulfonyl)imide. Journal of Polymer Science Part A, 2012, 50, 3277-3285.	2.3	21
80	Rod-Like Amphiphile of Diblock Polyisocyanate Leading to Cylindrical Micelle and Spherical Vesicle in Water. Macromolecules, 2014, 47, 1699-1704.	4.8	21
81	Synthesis and chiral recognition of helical poly(phenylacetylene)s bearing <scp>l</scp>â€phenylglycinol and its phenylcarbamates as pendants. Journal of Polymer Science Part A, 2015, 53, 809-821.	2.3	21
82	B(C₆F₅)₃-catalyzed group transfer polymerization of alkyl methacrylates with dimethylphenylsilane through in situ formation of silyl ketene acetal by B(C₆F₅)₃-catalyzed 1,4-hydrosilylation of methacrylate monomer. Polymer Chemistry, 2015, 6, 3502-3511.	3.9	21
83	Synthesis of water-soluble and thermoresponsive phthalocyanine ended block copolymers as potential photosensitizer. Dyes and Pigments, 2017, 142, 88-99.	3.7	21
84	Title is missing!. Die Makromolekulare Chemie, 1988, 189, 1279-1285.	1.1	20
85	Enantiomer-selective polymerization of (RS)-(phenoxymethyl)thiirane with diethylzinc/L-amino acid. Journal of Polymer Science Part A, 2002, 40, 3443-3448.	2.3	20
86	Control of thermoresponsive property of urea endâ€functionalized poly(Nâ€isopropylacrylamide) based on the hydrogen bondâ€assisted selfâ€assembly in water. Journal of Polymer Science Part A, 2009, 47, 6259-6268.	2.3	20
87	LCSTâ€type liquidâ€“liquid and liquidâ€“solid phase transition behaviors of hyperbranched polyglycerol bearing imidazolium salt. Journal of Polymer Science Part A, 2009, 47, 7032-7042.	2.3	20
88	Precise synthesis of poly(1-adamantyl methacrylate) by atom transfer radical polymerization. Polymer Journal, 2010, 42, 626-631.	2.7	20
89	Synthesis of star-shaped poly(N-isopropylacrylamide) via atom transfer radical polymerization and its photocatalytic oxidation of Rhodamine B. Macromolecular Research, 2012, 20, 508-514.	2.4	20
90	Synthesis of miktoarm star copolymer Ru(II) complexes by click-to-chelate approach. Polymer Journal, 2013, 45, 216-225.	2.7	20

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91	Synthesis of end-functionalized poly(methyl methacrylate) by organocatalyzed group transfer polymerization using functional silyl ketene acetals and Î±-phenylacrylates. Polymer Chemistry, 2015, 6, 1830-1837.	3.9	20
92	Effect of Counter Anions on Kinetics and Stereoregularity for the Strong BrÃ¸nsted Acidâ€Promoted Group Transfer Polymerization of N,Nâ€Dimethylacrylamide. Macromolecular Chemistry and Physics, 2012, 213, 1604-1611.	2.2	19
93	Synthesis of water-soluble polyisocyanates with the oligo(ethylene glycol) side-chain as new thermoresponsive polymers. Polymer Chemistry, 2014, 5, 1057-1062.	3.9	19
94	Title is missing!. Die Makromolekulare Chemie, 1988, 189, 2007-2016.	1.1	18
95	Precise synthesis of a rod-coil type miktoarm star copolymer containing poly(n-hexyl isocyanate) and aliphatic polyester. Polymer Chemistry, 2014, 5, 588-599.	3.9	18
96	Synthesis of star poly(N-isopropylacrylamide) with end-group of zinc-porphyrin via ATRP and its photocatalytic activity under visible light. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 283, 38-44.	3.9	18
97	Organic acids as efficient catalysts for group transfer polymerization of N,N-disubstituted acrylamide with silyl ketene acetal: polymerization mechanism and synthesis of diblock copolymers. Polymer Chemistry, 2015, 6, 6845-6856.	3.9	18
98	Synthesis and characterization of novel thermoresponsive fluorescence complexes based on copolymers with rare earth ions. Optical Materials, 2013, 35, 2250-2256.	3.6	17
99	Synthesis of multifunctional poly(1-pyrenemethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (methacrylate)-b-poly(N-isop nanofibers for metal ion sensory applications. Polymer Chemistry, 2015, 6, 2327-2336.	3.9	17
100	Core-First Synthesis and Thermoresponsive Property of Three-, Four-, and Six-Arm Star-Shaped Poly(N,N-diethylacrylamide)s and Their Block Copolymers with Poly(N,N-dimethylacrylamide). Macromolecules, 2019, 52, 7207-7217.	4.8	17
101	Synthesis of polymers with thiacrown ether units via cyclopolymerization of diepisulfides. Die Makromolekulare Chemie Rapid Communications, 1984, 5, 767-770.	1.1	16
102	Chirality Induction in Cyclopolymerization. 8. Cyclocopolymerization of 1,2:5,6-Di-O-isopropylidene-3,4-di-O-methacryloyl-d-mannitol with Styrene. Macromolecules, 1997, 30, 348-353.	4.8	16
103	Synthesis, Structure, and Characteristics of Hyperbranched Polyterpene Alcohols. Macromolecules, 2008, 41, 5265-5271.	4.8	16
104	Synthesis of novel hyperbranched polymer through cationic ringâ€opening multibranching polymerization of 2â€hydroxymethyloxetane. Journal of Polymer Science Part A, 2011, 49, 2353-2365.	2.3	16
105	Influence of Helical Structure on Chiral Recognition of Poly(phenylacetylene)s Bearing Phenylcarbamate Residues of <scp>L</scp>â€Phenylglycinol and Amide Linage as Pendants. Chirality, 2015, 27, 500-506.	2.6	16
106	Complex Thin Film Morphologies of Poly(n-hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (isocyanate)(5k,10k)â€“Poly(Îµ-ca Macromolecules, 2015, 48, 5816-5833.	4.8	16
107	Synthesis of polymers with cryptand-like units via cyclopolymerization of divinyl ethers. Die Makromolekulare Chemie Rapid Communications, 1986, 7, 633-637.	1.1	15
108	Title is missing!. Die Makromolekulare Chemie, 1991, 192, 1601-1608.	1.1	15

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109	Glycoconjugated polymer. I. Synthesis and characterization of amphiphilic polystyrenes with glucose, maltose, and maltohexaose as hydrophilic segments. Journal of Polymer Science Part A, 2001, 39, 4061-4067.	2.3	15
110	Glycoconjugated polymer: Synthesis and characterization of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (saccharide)-block-Journal of Polymer Science Part A, 2006, 44, 3978-3985.	2.3	15
111	Synthesis, morphology, and electrical memory application of oligosaccharide-based block copolymers with Ï€-conjugated pyrene moieties and their supramolecules. Polymer Chemistry, 2016, 7, 1249-1263.	3.9	15
112	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1985, 6, 155-161.	1.1	14
113	Oneâ€pot synthesis of polyrotaxane by clipping and cyclopolymerization of Î±,Ï‰â€diethynyl isophthalamide with pyridiniumdicarboxamide chloride. Journal of Polymer Science Part A, 2011, 49, 3184-3192.	2.3	14
114	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1992, 13, 343-349.	1.1	13
115	Synthesis of a New Class of High-Molecular-Weight Soluble Poly(amino acid)s by Oxidative Polymerization of Polyfunctional Macromolecules. Macromolecular Rapid Communications, 2002, 23, 698-702.	3.9	13
116	Synthesis of Hyperbranched Polysaccharide by Thermally Induced Cationic Polymerization of 1,6-Anhydrohexopyranose. Macromolecular Symposia, 2004, 217, 39-46.	0.7	13
117	Copolymerization of ethylene and norbornene using cyclopentadienylzirconium trichloride activated by isobutylâ€modified methylaluminoxane. Journal of Polymer Science Part A, 2008, 46, 7411-7418.	2.3	13
118	Hyperbranched 5,6-glucan as reducing sugar ball. Polymer Chemistry, 2010, 1, 82-92.	3.9	13
119	Cationic Copolymerization of Divinyl Ethers with Vinyl Ether. Synthesis and Cation-Binding Property of Copolymer with Benzo-19-Crown-6 Units. Polymer Journal, 1993, 25, 839-845.	2.7	12
120	Chirality induction in cyclopolymerization, 5. Template effect of chiral acyclic 1,2-glycols on the cyclo-copolymerizations of (S)-1,2-propanediyl and (2S,3S)-2,3-butanediyl bis(4-vinylbenzoate)s with styrene. Macromolecular Chemistry and Physics, 1996, 197, 2931-2942.	2.2	12
121	Enantiomer-Selective Radical Polymerization of rac-2,4-Pentanediyl Dimethacrylate by 2,2â€™-Azobisisobutyronitrile/Copper(II) Trifluoromethanesulfonate/Chiral Diamine as Asymmetric Reverse Atom Transfer Radical Polymerization Initiating System. Polymer Journal, 2003, 35, 84-87.	2.7	12
122	Vinyl addition polymerization of norbornene using cyclopentadienylzirconium trichloride activated by isobutylâ€modified methylaluminoxane. Journal of Polymer Science Part A, 2008, 46, 1185-1191.	2.3	12
123	Synthesis of 3-, 4-, 5-, 6-, 7-, 8-, 9-, 10-, 11-, and 12-armed star-shaped poly(styrene oxide) Ru(<scp>ii</scp>) complexes by a click-to-chelate approach. Polymer Chemistry, 2014, 5, 4993-5001.	3.9	12
124	A photo- and thermo-responsive star-shaped diblock copolymer with a porphyrin core prepared via consecutive ATRPs. RSC Advances, 2016, 6, 47912-47918.	3.6	12
125	Thermoresponsive properties of poly(N-isopropyl,N-methylacrylamide) and its statistical and block copolymers with poly(N,N-dimethylacrylamide) prepared by B(C₆F₅)₃-catalyzed group transfer polymerization. Polymer Chemistry, 2020, 11, 2346-2359.	3.9	12
126	Rodâ€“coil type miktoarm star copolymers consisting of polyfluorene and polylactide: precise synthesis and structureâ€“morphology relationship. Polymer Chemistry, 2015, 6, 6959-6972.	3.9	11

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127	Synthesis of ABBâ€² and ABC star copolymers via a combination of NMRP and ROP reactions. Polymer Chemistry, 2016, 7, 3599-3607.	3.9	11
128	Precision synthesis for well-defined linear and/or architecturally controlled thermoresponsive poly(N-substituted acrylamide)s. Polymer Chemistry, 2022, 13, 1293-1319.	3.9	11
129	Studies of the Cyclopolymerization in the Presence of Alkylaluminum Chlorides. II. Polymerizations of 2-(o-Allylphenoxy)ethyl Acrylate and 4-(o-Allylphenoxy)butyl Acrylate. Polymer Journal, 1976, 8, 495-505.	2.7	10
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