Toshifumi Satoh

List of Publications by Year
in descending order

333 papers	8,599 citations	50566 48 h-index	116156 66 g-index
342 all docs	342 docs citations	342 times ranked	6838 citing authors

#	Article	IF	Citations
1	Synthesis and bioactivities of new N-terminal dipeptide mimetics with aromatic amide moiety: Broad-spectrum antibacterial activity and high antineoplastic activity. European Journal of Medicinal Chemistry, 2022, 228, 113977.	2.6	6
2	One-step synthesis of sequence-controlled multiblock polymers with up to 11 segments from monomer mixture. Nature Communications, 2022, 13, 163.	5.8	37
3	PEGylation of silver nanoparticles by physisorption of cyclic poly(ethylene glycol) for enhanced dispersion stability, antimicrobial activity, and cytotoxicity. Nanoscale Advances, 2022, 4, 532-545.	2.2	9
4	Self-assembly of carbohydrate-based block copolymer systems: glyconanoparticles and highly nanostructured thin films. Polymer Journal, 2022, 54, 455-464.	1.3	9
5	Unimodal and Well-Defined Nanomicelles Assembled by Topology-Controlled Bicyclic Block Copolymers. Macromolecules, 2022, 55, 862-872.	2.2	2
6	Membrane-active amino acid-coupled polyetheramine derivatives with high selectivity and broad-spectrum antibacterial activity. Acta Biomaterialia, 2022, 142, 136-148.	4.1	8
7	Oxime-modified hierarchical self-assembly polyimide microspheres for high-efficient uranium recovery from wastewater. Environmental Science: Nano, 2022, 9, 1168-1179.	2.2	11
8	Sustainable Alternatives to Nondegradable Medical Plastics. ACS Sustainable Chemistry and Engineering, 2022, 10, 4792-4806.	3.2	15
9	Trapping probabilities of multiple rings in end-linked gels. Polymer, 2022, 245, 124683.	1.8	7
10	Topology and Sequence-Dependent Micellization and Phase Separation of Pluronic L35, L64, 10R5, and 17R4: Effects of Cyclization and the Chain Ends. Polymers, 2022, 14, 1823.	2.0	2
11	Improving the mechanical properties of polycaprolactone using functionalized nanofibrillated bacterial cellulose with high dispersibility and long fiber length as a reinforcement material. Composites Part A: Applied Science and Manufacturing, 2022, 158, 106978.	3.8	11
12	Fabrication of Ultrafine, Highly Ordered Nanostructures Using Carbohydrate-Inorganic Hybrid Block Copolymers. Nanomaterials, 2022, 12, 1653.	1.9	2
13	Improving the performance of photonic transistor memory devices using conjugated block copolymers as a floating gate. Journal of Materials Chemistry C, 2021, 9, 1259-1268.	2.7	28
14	Carbohydrate-attached fullerene derivative for selective localization in ordered carbohydrate-block-poly(3-hexylthiophene) nanodomains. Carbohydrate Polymers, 2021, 255, 117528.	5.1	4
15	Topologically controlled phase transitions and nanoscale film self-assemblies of cage poly(Îµ-caprolactone) and its counterparts. Polymer Chemistry, 2021, 12, 744-758.	1.9	9
16	Correlations of nanoscale film morphologies and topological confinement of three-armed cage block copolymers. Polymer Chemistry, 2021, 12, 3451-3460.	1.9	4
17	Stretchable OFET Memories: Tuning the Morphology and the Charge-Trapping Ability of Conjugated Block Copolymers through Soft Segment Branching. ACS Applied Materials & Interfaces, 2021, 13, 2932-2943.	4.0	42
18	Influence of Topological Confinement on Nanoscale Film Morphologies of Tricyclic Block Copolymers. Macromolecules, 2021, 54, 4120-4127.	2.2	5

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19	Cyclization of PEG and Pluronic Surfactants and the Effects of the Topology on Their Interfacial Activity. Langmuir, 2021, 37, 6974-6984.	1.6	4
20	Smart Access to Sequentially and Architecturally Controlled Block Polymers via a Simple Catalytic Polymerization System. ACS Catalysis, 2021, 11, 5999-6009.	5.5	49
21	Highly Ordered Nanoscale Film Morphologies of Block Copolymers Governed by Nonlinear Topologies. ACS Macro Letters, 2021, 10, 811-818.	2.3	9
22	Enhanced Self-Assembly and Mechanical Properties of Cellulose-Based Triblock Copolymers: Comparisons with Amylose-Based Triblock Copolymers. ACS Sustainable Chemistry and Engineering, 2021, 9, 9779-9788.	3.2	8
23	Oneâ€Shot Intrablock Crossâ€Linking of Linear Diblock Copolymer to Realize Janusâ€Shaped Singleâ€Chain Nanoparticles. Angewandte Chemie, 2021, 133, 18270-18276.	1.6	3
24	Oneâ€Shot Intrablock Crossâ€Linking of Linear Diblock Copolymer to Realize Janusâ€Shaped Singleâ€Chain Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 18122-18128.	7.2	13
25	Facile one-pot synthesis of rod-coil bio-block copolymers and uncovering their role in forming the efficient stretchable touch-responsive light emitting diodes. Chemical Engineering Journal, 2021, 418, 129421.	6.6	17
26	Engineered Îµ-decalactone lipomers bypass the liver to selectively in vivo deliver mRNA to the lungs without targeting ligands. Materials Horizons, 2021, 8, 2251-2259.	6.4	18
27	Densely Arrayed Cage-Shaped Polymer Topologies Synthesized via Cyclopolymerization of Star-Shaped Macromonomers. Macromolecules, 2021, 54, 9079-9090.	2.2	5
28	Suzukiâ€“Miyaura Catalyst-Transfer Polycondensation of Triolborate-Type Carbazole Monomers. Polymers, 2021, 13, 4168.	2.0	3
29	Artificial polyhydroxyalkanoate poly[2-hydroxybutyrate-block-3-hydroxybutyrate] elastomer-like material. Scientific Reports, 2021, 11, 22446.	1.6	12
30	Topology-Dependent Interaction of Cyclic Poly(ethylene glycol) Complexed with Gold Nanoparticles against Bovine Serum Albumin for a Colorimetric Change. Langmuir, 2021, , .	1.6	2
31	Facile synthesis of poly(trimethylene carbonate) by alkali metal carboxylate-catalyzed ring-opening polymerization. Polymer Journal, 2020, 52, 103-110.	1.3	15
32	Synthesis and asymmetric catalytic performance of one-handed helical poly(phenylacetylene)s bearing proline dipeptide pendants. Reactive and Functional Polymers, 2020, 146, 104392.	2.0	4
33	Organicâ€“Inorganic Nanocomposite Film for Highâ€Performance Stretchable Resistive Memory Device. Macromolecular Rapid Communications, 2020, 41, 1900542.	2.0	18
34	Light Down-Converter Based on Luminescent Nanofibers from the Blending of Conjugated Rod-Coil Block Copolymers and Perovskite through Electrospinning. Polymers, 2020, 12, 84.	2.0	10
35	Detailed Structural Analyses of Nanofibrillated Bacterial Cellulose and Its Application as Binder Material for a Display Device. Biomacromolecules, 2020, 21, 581-588.	2.6	9
36	Competing Molecular Packing of Blocks in a Lamella-Forming Carbohydrate-block-poly(3-hexylthiophene) Copolymer. Macromolecules, 2020, 53, 9054-9064.	2.2	8

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37	Suzukiâ€“Miyaura catalyst-transfer polycondensation of triolborate-type fluorene monomer: toward rapid access to polyfluorene-containing block and graft copolymers from various macroinitiators. Polymer Chemistry, 2020, 11, 6832-6839.	1.9	15
38	Highly Stretchable Semiconducting Polymers for Field-Effect Transistors through Branched Softâ€“Hardâ€“Soft Type Triblock Copolymers. Macromolecules, 2020, 53, 7496-7510.	2.2	36
39	characterization of d-LA homo-oligomer degradation by the isolated strains. Polymer Degradation and Stability, 2020, 179, 109231.	2.7	11
40	Enhanced dispersion stability of gold nanoparticles by the physisorption of cyclic poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	5.8	105
41	A theoretical study on the alkali metal carboxylateâ€promoted <scp>Lâ€Lactide</scp> polymerization. Journal of Computational Chemistry, 2020, 41, 2197-2202.	1.5	9
42	Highâ€Performance Nonvolatile Organic Photonic Transistor Memory Devices using Conjugated Rodâ€“Coil Materials as a Floating Gate. Advanced Materials, 2020, 32, e2002638.	11.1	80
43	Bicyclic Topology Transforms Self-Assembled Nanostructures in Block Copolymer Thin Films. Nano Letters, 2020, 20, 6520-6525.	4.5	14
44	Highly asymmetric lamellar nanostructures from nanoparticleâ€“linear hybrid block copolymers. Nanoscale, 2020, 12, 16526-16534.	2.8	8
45	Programmed folding into spiro-multicyclic polymer topologies from linear and star-shaped chains. Communications Chemistry, 2020, 3, .	2.0	13
46	Rapid access to discrete and monodisperse block co-oligomers from sugar and terpenoid toward ultrasmall periodic nanostructures. Communications Chemistry, 2020, 3, .	2.0	19
47	An organocatalytic ring-opening polymerization approach to highly alternating copolymers of lactic acid and glycolic acid. Polymer Chemistry, 2020, 11, 6365-6373.	1.9	18
48	Metal-free anionic polymerization of n-hexyl isocyanate catalyzed by phosphazene bases. Polymer Chemistry, 2020, 11, 6073-6080.	1.9	6
49	Design of Self-Cross-Linkable Poly(n-butyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (acrylate)-co-poly[N and Self-Healing Properties. ACS Applied Polymer Materials, 2020, 2, 5432-5443.	2.0	17
50	Chemically Controlled Volatile and Nonvolatile Resistive Memory Characteristics of Novel Oxygen-Based Polymers. ACS Applied Materials & Interfaces, 2020, 12, 28435-28445.	4.0	10
51	Carbohydrates as Hard Segments for Sustainable Elastomers: Carbohydrates Direct the Self-Assembly and Mechanical Properties of Fully Bio-Based Block Copolymers. Macromolecules, 2020, 53, 5408-5417.	2.2	24
52	Sweet Pluronic poly(propylene oxide)-b-oligosaccharide block copolymer systems: Toward sub-4Ânm thin-film nanopattern resolution. European Polymer Journal, 2020, 134, 109831.	2.6	8
53	Synthesis of poly(phenylacetylene)s containing chiral phenylethyl carbamate residues as coatedâ€type CSPs with high solvent tolerability. Chirality, 2020, 32, 547-555.	1.3	3
54	Facile Fabrication of Stretchable Touch-Responsive Perovskite Light-Emitting Diodes Using Robust Stretchable Composite Electrodes. ACS Applied Materials & Interfaces, 2020, 12, 14408-14415.	4.0	46

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55	Metallopolymer-block-oligosaccharide for sub-10 nm microphase separation. Polymer Chemistry, 2020, 11, 2995-3002.	1.9	11
56	Nanostructure- and Orientation-Controlled Resistive Memory Behaviors of Carbohydrate-block-Polystyrene with Different Molecular Weights via Solvent Annealing. ACS Applied Materials & Interfaces, 2020, 12, 23217-23224.	4.0	16
57	Influence of different sequences of <scp>l</scp>-proline dipeptide derivatives in the pendants on the helix of poly(phenylacetylene)s and their enantioseparation properties. Polymer Chemistry, 2019, 10, 4810-4817.	1.9	16
58	Macromolecular [2]Rotaxanes Linked with Polystyrene: Properties and Nanoscale Film Morphologies. Macromolecules, 2019, 52, 5325-5336.	2.2	7
59	Phase Transition Behaviors and Nanoscale Film Morphologies of Poly(Î´â€valerolactone) Axles Bearing Movable and Fixed Rotaxane Wheels. Macromolecular Rapid Communications, 2019, 40, 1900334.	2.0	3
60	Effect of a conjugated/elastic block sequence on the morphology and electronic properties of polythiophene based stretchable block copolymers. Polymer Chemistry, 2019, 10, 5452-5464.	1.9	29
61	Facile 3D Boron Nitride Integrated Electrospun Nanofibrous Membranes for Purging Organic Pollutants. Nanomaterials, 2019, 9, 1383.	1.9	16
62	A versatile synthetic strategy for macromolecular cages: intramolecular consecutive cyclization of star-shaped polymers. Chemical Science, 2019, 10, 440-446.	3.7	28
63	Synthesis of helical poly(phenylacetylene) derivatives bearing diastereomeric pendants for enantioseparation by HPLC. New Journal of Chemistry, 2019, 43, 3439-3446.	1.4	15
64	Microphase separation of carbohydrate-based star-block copolymers with sub-10 nm periodicity. Polymer Chemistry, 2019, 10, 1119-1129.	1.9	29
65	Downsizing feature of microphase-separated structures via intramolecular crosslinking of block copolymers. Chemical Science, 2019, 10, 3330-3339.	3.7	14
66	Installing a functional group into the inactive Ï‰-chain end of PMMA and PS-b-PMMA by terminal-selective transesterification. Polymer Chemistry, 2019, 10, 3390-3398.	1.9	5
67	Nanoscale film morphology and property characteristics of dielectric polymers bearing monomeric and dimeric adamantane units. Polymer, 2019, 169, 225-233.	1.8	12
68	Biodegradable Compatibilizers for Poly(hydroxyalkanoate)/Poly(Îµ-caprolactone) Blends through Click Reactions with End-Functionalized Microbial Poly(hydroxyalkanoate)s. ACS Sustainable Chemistry and Engineering, 2019, 7, 7969-7978.	3.2	27
69	Micelle Structure Details and Stabilities of Cyclic Block Copolymer Amphiphile and Its Linear Analogues. Polymers, 2019, 11, 163.	2.0	16
70	Recyclable helical poly(phenylacetylene)â€supported catalyst for asymmetric aldol reaction in aqueous media. Journal of Polymer Science Part A, 2019, 57, 1024-1031.	2.5	27
71	Trimethyl Glycine as an Environmentally Benign and Biocompatible Organocatalyst for Ring-Opening Polymerization of Cyclic Carbonate. ACS Sustainable Chemistry and Engineering, 2019, 7, 8868-8875.	3.2	12
72	Facile Preparation of Cu/Ag Core/Shell Electrospun Nanofibers as Highly Stable and Flexible Transparent Conductive Electrodes for Optoelectronic Devices. ACS Applied Materials & Interfaces, 2019, 11, 10118-10127.	4.0	50

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73	Novel ultra-stable and highly luminescent white light-emitting diodes from perovskite quantum dotsâ€"Polymer nanofibers through biaxial electrospinning. APL Materials, 2019, 7, .	2.2	42
74	Synthesis and characterization of cyclic P3HT as a donor polymer for organic solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 266-271.	2.4	3
75	Post-polymerization modification of PS-b-PMMA for achieving directed self-assembly with sub-10nm feature size. , 2019, , .		1
76	Synthesis, Thermal Properties, and Morphologies of Amphiphilic Brush Block Copolymers with Tacticity-Controlled Polyether Main Chain. Macromolecules, 2018, 51, 2939-2950.	2.2	10
77	Alkali Metal Carboxylate as an Efficient and Simple Catalyst for Ring-Opening Polymerization of Cyclic Esters. Macromolecules, 2018, 51, 689-696.	2.2	61
78	Dynamic Changes of Intracellular Monomer Levels Regulate Block Sequence of Polyhydroxyalkanoates in Engineered Escherichia coli. Biomacromolecules, 2018, 19, 662-671.	2.6	27
79	Water-Resistant Efficient Stretchable Perovskite-Embedded Fiber Membranes for Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 2210-2215.	4.0	113
80	Highly Ordered Cylinder Morphologies with 10 nm Scale Periodicity in Biomass-Based Block Copolymers. Macromolecules, 2018, 51, 428-437.	2.2	23
81	Synthesis of Hardâ€"Softâ€"Hard Triblock Copolymers, Poly(2-naphthyl glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 432 T ether]-block-poly(2-naphthyl glycidyl ether), for Solid Electrolytes. Macromolecules, 2018, 51, 2293-2301.	2.2	33
82	A Comparative Study of Dynamic Light and X-Ray Scatterings on Micelles of Topological Polymer Amphiphiles. Polymers, 2018, 10, 1347.	2.0	20
83	Synthesis, Isolation, and Properties of All Head-to-Tail Cyclic Poly(3-hexylthiophene): Fully Delocalized Exciton over the Defect-Free Ring Polymer. Macromolecules, 2018, 51, 9284-9293.	2.2	17
84	Novel Multifunctional Luminescent Electrospun Fluorescent Nanofiber Chemosensor-Filters and Their Versatile Sensing of pH, Temperature, and Metal Ions. Polymers, 2018, 10, 1259.	2.0	18
85	Facile and Efficient Modification of Polystyrene-block-poly(methyl methacrylate) for Achieving Sub-10 nm Feature Size. Macromolecules, 2018, 51, 8064-8072.	2.2	35
86	Chain-End Functionalization with a Saccharide for 10 nm Microphase Separation: â€œClassicalâ€• PS-b-PMMA versus PS-b-PMMA-Saccharide. Macromolecules, 2018, 51, 8870-8877.	2.2	25
87	Unraveling the stress effects on the optical properties of stretchable rod-coil polyfluorene-poly(n-butyl acrylate) block copolymer thin films. Polymer Chemistry, 2018, 9, 3820-3831.	1.9	28
88	Multicyclic Polymer Synthesis through Controlled/Living Cyclopolymerization of Î±,Ï‰-Dinorbornenyl-Functionalized Macromonomers. Macromolecules, 2018, 51, 3855-3864.	2.2	33
89	Synthesis of Î¼-ABC Tricyclic Miktoarm Star Polymer via Intramolecular Click Cyclization. Polymers, 2018, 10, 877.	2.0	6
90	Control over Molecular Architectures of Carbohydrate-Based Block Copolymers for Stretchable Electrical Memory Devices. Macromolecules, 2018, 51, 4966-4975.	2.2	32

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91	Polyacetylenes as Colorimetric and Fluorescent Chemosensor for Anions. Polymer Reviews, 2017, 57, 159-174.	5.3	26
92	Stretchable Conjugated Rodâ€“Coil Poly(3-hexylthiophene)-block-poly(butyl acrylate) Thin Films for Field Effect Transistor Applications. Macromolecules, 2017, 50, 1442-1452.	2.2	83
93	Synthesis and characterization of Eu(III)-based coordination complexes of modified d-glucosamine and poly(N-isopropylacrylamide). Optical Materials, 2017, 72, 115-121.	1.7	8
94	A facile strategy for manipulating micellar size and morphology through intramolecular cross-linking of amphiphilic block copolymers. Polymer Chemistry, 2017, 8, 3647-3656.	1.9	15
95	Synthesis and characterization of Eu(III) complexes of modified d-glucosamine and poly(N-isopropylacrylamide). Materials Science and Engineering C, 2017, 78, 603-608.	3.8	34
96	Synthesis of Well-Defined Three- and Four-Armed Cage-Shaped Polymers via â€œTopological Conversionâ€• from Trefoil- and Quatrefoil-Shaped Polymers. Macromolecules, 2017, 50, 97-106.	2.2	43
97	Immobilization of helical poly(phenylacetylene)s having l-phenylalanine ethyl ester pendants onto silica gel as chiral stationary phases for HPLC. Polymer, 2017, 131, 17-24.	1.8	17
98	Synthesis of lactate (LA)-based poly(ester-urethane) using hydroxyl-terminated LA-based oligomers from a microbial secretion system. Journal of Polymer Research, 2017, 24, 1.	1.2	13
99	One-Step Production of Amphiphilic Nanofibrillated Cellulose Using a Cellulose-Producing Bacterium. Biomacromolecules, 2017, 18, 3432-3438.	2.6	29
100	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.	3.8	36
101	Design and synthesis of thermoresponsive aliphatic polyethers with a tunable phase transition temperature. Polymer Chemistry, 2017, 8, 5698-5707.	1.9	27
102	End-Functionalized Poly(N-isopropylacrylamide) with d-Glucosamine through Different Initiator from C-1 and C-2 Positions via Atom Transfer Radical Polymerization. Materials, 2016, 9, 913.	1.3	4
103	Temperature-Triggered Switchable Helix-Helix Inversion of Poly(phenylacetylene) Bearing l-Valine Ethyl Ester Pendants and Its Chiral Recognition Ability. Molecules, 2016, 21, 1583.	1.7	13
104	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.	7.8	49
105	Intramolecular olefin metathesis as a robust tool to synthesize single-chain nanoparticles in a size-controlled manner. Polymer Chemistry, 2016, 7, 4782-4792.	1.9	23
106	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.	2.2	24
107	Advanced functionalization of polyhydroxyalkanoate via the UV-initiated thiol-ene click reaction. Applied Microbiology and Biotechnology, 2016, 100, 4375-4383.	1.7	8
108	High-performance stretchable resistive memories using donorâ€“acceptor block copolymers with fluorene rods and pendent isoindigo coils. NPG Asia Materials, 2016, 8, e298-e298.	3.8	40

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109	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.	2.4	27
110	Heat Storage and Release Tests of Heat Storage Material with Crystal Transformation. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2016, 14, Pi_1-Pi_6.	0.1	0
111	Influence of Degradation on Storage of Heat of Heat Storage Material with Crystal Transformation. Netsu Bussei, 2016, 29, 173-178.	0.1	3
112	Self-Assembly of Maltoheptaose-block-polycaprolactone Copolymers: Carbohydrate-Decorated Nanoparticles with Tunable Morphology and Size in Aqueous Media. Macromolecules, 2016, 49, 4178-4194.	2.2	29
113	InÂvitro synthesis of polyhydroxyalkanoates using thermostable acetyl-CoA synthetase, CoA transferase, and PHA synthase from thermotorelant bacteria. Journal of Bioscience and Bioengineering, 2016, 122, 660-665.	1.1	25
114	Synthesis of Well-Defined Amphiphilic Star-Block and Miktoarm Star Copolyethers via t-Bu-P₄-Catalyzed Ring-Opening Polymerization of Glycidyl Ethers. Macromolecules, 2016, 49, 499-509.	2.2	39
115	Sequential Mukaiyamaâ€“Michael reaction induced by carbon acids. Chemical Communications, 2016, 52, 3280-3283.	2.2	17
116	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.	1.9	15
117	Synthesis and opto-electrical properties of carbazole functionalized quinoline based conjugated oligomer for luminescent devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 755-762.	0.1	11
118	Sub-20 nm Microphase-Separated Structures in Hybrid Block Copolymers Consisting of Polycaprolactone and Maltoheptaose. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 635-642.	0.1	8
119	Phosphazene Base-Catalyzed Living Ring-Opening Polymerization System for Substituted Epoxides. Kobunshi Ronbunshu, 2015, 72, 295-305.	0.2	1
120	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.	1.3	16
121	Diphenyl Phosphateâ€Catalyzed Ringâ€Opening Polymerization of 1,5â€Dioxepanâ€2â€one. Macromolecular Symposia, 2015, 349, 74-84.	0.4	9
122	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.	2.5	21
123	Organophosphate-catalyzed bulk ring-opening polymerization as an environmentally benign route leading to block copolyesters, end-functionalized polyesters, and polyester-based polyurethane. Polymer Chemistry, 2015, 6, 4374-4384.	1.9	53
124	Synthesis of Oligosaccharide-Based Block Copolymers with Pendent Ï€-Conjugated Oligofluorene Moieties and Their Electrical Device Applications. Macromolecules, 2015, 48, 3907-3917.	2.2	28
125	Synthesis of multifunctional poly(1-pyrenemethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (methacrylate)-b-poly(N-isop nanofibers for metal ion sensory applications. Polymer Chemistry, 2015, 6, 2327-2336.	1.9	17
126	Sub-10 nm Scale Nanostructures in Self-Organized Linear Di- and Triblock Copolymers and Miktoarm Star Copolymers Consisting of Maltoheptaose and Polystyrene. Macromolecules, 2015, 48, 1509-1517.	2.2	51

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127	Synthesis of Homopolymers, Diblock Copolymers, and Multiblock Polymers by Organocatalyzed Group Transfer Polymerization of Various Acrylate Monomers. Macromolecules, 2015, 48, 511-519.	2.2	40
128	Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. Inorganic Chemistry, 2015, 54, 4364-4370.	1.9	42
129	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.	1.9	26
130	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.	2.2	40
131	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.	1.9	21
132	Group Transfer Polymerization of Acrylic Monomers. , 2015, , 451-494.		2
133	Complex Thin Film Morphologies of Poly(n-hexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (isocyanate)(5k,10k)â€ Macromolecules, 2015, 48, 5816-5833.	2.2	16
134	Rodâ€“coil type miktoarm star copolymers consisting of polyfluorene and polylactide: precise synthesis and structureâ€“morphology relationship. Polymer Chemistry, 2015, 6, 6959-6972.	1.9	11
135	Synthesis of AB block and A₂B₂ and A₃B₃ miktoarm star-shaped copolymers using ï‰-end-functionalized poly(methyl methacrylate) with a hydroxyl group prepared by organocatalyzed group transfer polymerization. Polymer Chemistry, 2015, 6, 7841-7850.	1.9	9
136	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.	1.9	18
137	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.	1.9	20
138	Poly(cyclic olefin)s. , 2015, , 1677-1683.		0
139	Organocatalytic Polymerization. , 2015, , 1485-1497.		0
140	Heat Storage Material without Phase-change for Micro and Nano Satellite. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2014, 12, Po_4_1-Po_4_5.	0.1	0
141	Poly(cyclic olefin)s. , 2014, , 1-8.		1
142	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.	2.3	24
143	Precise synthesis of a rod-coil type miktoarm star copolymer containing poly(n-hexyl isocyanate) and aliphatic polyester. Polymer Chemistry, 2014, 5, 588-599.	1.9	18
144	Bis(4â€²-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.	2.5	31

#	Article	IF	Citations
145	Hierarchical Structures in Thin Films of Miktoarm Star Polymers: Poly(n-hexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	2.2	32
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