Tomoya Higashihara

List of Publications by Year
in descending order

245 papers	7,692 citations	57681 46 h-index	87275 74 g-index
250 all docs	250 docs citations	250 times ranked	6586 citing authors

#	Article	IF	Citations
1	Catalyst-transfer system in stoichiometry-independent AA+BB-type Migitaâ€“Kosugiâ€“Stille coupling polycondensation using ester-functionalized dibromo monomer. Polymer Journal, 2022, 54, 143-150.	1.3	6
2	Strain-insensitive naphthalene-diimide-based conjugated polymers through sequential regularity control. Materials Chemistry Frontiers, 2022, 6, 891-900.	3.2	7
3	Lowâ€Energyâ€Consumption and Electretâ€Free Photosynaptic Transistor Utilizing Poly(3â€hexylthiophene)â€Based Conjugated Block Copolymers. Advanced Science, 2022, 9, e2105190.	5.6	38
4	Hybridization of an n-type semiconducting polymer with PbS quantum dots and their photovoltaic investigation. Polymer Journal, 2022, 54, 323-333.	1.3	2
5	Impact of the segment ratio on a donorâ€“acceptor all-conjugated block copolymer in single-component organic solar cells. Nanoscale, 2022, 14, 5472-5481.	2.8	5
6	Direct Synthesis of Thermally Stable Semiaromatic Polyamides by Bulk Polymerization Using Aromatic Diamines and Aliphatic Dicarboxylic Acids. ACS Omega, 2022, 7, 8753-8758.	1.6	5
7	Synthesis of a novel A-b-(B-co-C)-type terpolymer with a regioregular poly(3-hexylthiophene) segment and its application to intrinsically stretchable transistor memory. Materials Chemistry and Physics, 2022, 281, 125911.	2.0	2
8	Precise synthesis of Î±,Ï‰-chain-end-functionalized poly(dimethylsiloxane) with bromoaryl groups for incorporation in naphthalene-diimide-based N-type semiconducting polymers. Polymer, 2022, 252, 124934.	1.8	7
9	Synthesis of an ABC triblock copolymer by a bilateral Click reaction using Î±,Ï‰-bifunctionalized poly(3-hexylthiophene) as an inner segment. Polymer Chemistry, 2022, 13, 3613-3618.	1.9	6
10	Pyrene-Incorporated Side Chain in Ï€-Conjugated Polymers for Non-Volatile Transistor-Type Memory Devices with Improved Stretchability. ACS Applied Polymer Materials, 2021, 3, 2109-2119.	2.0	5
11	Synthesis of Alkaline-soluble Triazine-based Poly(phenylene sulfide)s with Single/Double Pendant Carboxylic Acid Moieties and Their Application to Refractive Index Contrast Materials. Chemistry Letters, 2021, 50, 816-818.	0.7	1
12	Controlled Synthesis of Poly[(3-alkylthio)thiophene]s and Their Application to Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2021, 13, 31898-31909.	4.0	21
13	Strategic design and synthesis of Ï€-conjugated polymers suitable as intrinsically stretchable semiconducting materials. Polymer Journal, 2021, 53, 1061-1071.	1.3	26
14	A design strategy for high mobility stretchable polymer semiconductors. Nature Communications, 2021, 12, 3572.	5.8	94
15	Thiol-end-functionalized Regioregular Poly(3-hexylthiophene) for PbS Quantum Dot Dispersions. ACS Applied Polymer Materials, 2021, 3, 4450-4459.	2.0	3
16	Investigation of the Mobilityâ€“Stretchability Properties of Naphthalenediimide-Based Conjugated Random Terpolymers with a Functionalized Conjugation Break Spacer. Macromolecules, 2021, 54, 7388-7399.	2.2	31
17	Naphthalene-diimide-based all-conjugated block copolymer as an effective compatibilizer to improve the performance and thermal stability of all-polymer solar cells. Materials Chemistry Frontiers, 2021, 5, 7216-7227.	3.2	9
18	Intrinsically stretchable naphthalenediimideâ€“bithiophene conjugated statistical terpolymers using branched conjugation break spacers for fieldâ€“effect transistors. Polymer Chemistry, 2021, 12, 6167-6178.	1.9	8

#	Article	IF	Citations
19	Unraveling Decisive Structural Parameters for the Self-Assembly of Supramolecular Polymer Bottlebrushes Based on Benzene Trisureas. Macromolecules, 2020, 53, 7552-7560.	2.2	10
20	Direct Synthesis of Chainâ€endâ€functionalized Poly(3â€hexylthiophene) without Protecting Groups Using a Zincate Complex. Macromolecular Rapid Communications, 2020, 41, 2000148.	2.0	2
21	Study on Intrinsic Stretchability of Diketopyrrolopyrrole-Based Ï€-Conjugated Copolymers with Poly(acryl amide) Side Chains for Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2020, 12, 33014-33027.	4.0	41
22	Development of Novel Triazine-Based Poly(phenylene sulfide)s with High Refractive Index and Low Birefringence. ACS Omega, 2020, 5, 5134-5141.	1.6	26
23	Development of Block Copolymers with Poly(3-hexylthiophene) Segments as Compatibilizers in Non-Fullerene Organic Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 12083-12092.	4.0	19
24	Atom-economical Synthesis and Characterization of Poly(oxindolidene thienylene vinylene) Based on Aldol Polycondensation Reaction. Catalysts, 2020, 10, 364.	1.6	5
25	The Effect of Alkyl Chain Length on Well-Defined Fluoro-Arylated Polythiophenes for Temperature-Dependent Morphological Transitions. ACS Omega, 2020, 5, 33461-33469.	1.6	1
26	Living Anionic Polymerization of 4â€Trimethylstannylstyrene. Macromolecular Chemistry and Physics, 2019, 220, 1900176.	1.1	4
27	Synthesis and Deformable Hierarchical Nanostructure of Intrinsically Stretchable ABA Triblock Copolymer Composed of Poly(3-hexylthiophene) and Polyisobutylene Segments. ACS Applied Polymer Materials, 2019, 1, 315-320.	2.0	29
28	Tailoring Carbosilane Side Chains toward Intrinsically Stretchable Semiconducting Polymers. Macromolecules, 2019, 52, 4396-4404.	2.2	73
29	A compatible and crosslinked poly(2â€allylâ€6â€methylphenolâ€•co â€2,6â€dimethylphenol)/polystyrene blend for insulating adhesive film at high frequency. Journal of Applied Polymer Science, 2019, 136, 47828.	1.3	11
30	Enhancing performance of nonvolatile transistor memories via electronâ€accepting composition in triphenylamineâ€based random copolymers. Journal of Polymer Science Part A, 2019, 57, 1113-1121.	2.5	9
31	Nanoscale Film Morphology and nâ€Type Digital Memory Characteristics of Ï€â€Conjugated Donorâ€“Acceptor Alternating Copolymer Based on Thiophene and Thiadiazole Units. Macromolecular Rapid Communications, 2019, 40, 1900005.	2.0	4
32	Synthesis of poly(o -cresol) by oxidative coupling polymerization of o -cresol. Journal of Polymer Science Part A, 2019, 57, 878-884.	2.5	4
33	Chain-Growth Horner-Wadsworth-Emmons Condensation Polymerization Initiated with an Aliphatic Aldehyde. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 73-76.	0.1	1
34	Morphological Study of Blend Thin Films of Poly(3-hexylthiophene)-<i>block</i>-polyisobutylene-<i>block</i>-poly(3-hexylthiophene):Poly(3-hexylthiophene) and Their Application to Photovoltaics. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 741-746.	0.1	4
35	Ternalization Approach for Tuning Light Absorption and Crystalline Structure of Diketopyrrolopyrrole-Based Polymer Using Bisthiadiazole Unit. Journal of the Electrochemical Society, 2018, 165, B3001-B3005.	1.3	1
36	Structureâ€“Property Relationships of Random Aromatic Copolyamide Membranes by the Partial Nâ€Methylation of Amide Linkages. Macromolecular Chemistry and Physics, 2018, 219, 1700522.	1.1	2

#	Article	IF	Citations
37	Synthesis and characterization of poly(2,6-dialkoxy-1,5-naphthylene)s with low dielectric constants. Polymer Journal, 2018, 50, 277-280.	1.3	11
38	Synthesis and characterization of alkalineâ€soluble triazineâ€based poly(phenylene sulfide)s with high refractive index and low birefringence. Journal of Polymer Science Part A, 2018, 56, 724-731.	2.5	17
39	Transition-metal-free and halogen-free controlled synthesis of poly(3-alkylthienylene vinylene) via the Hornerâ€“Wadsworthâ€“Emmons condensation reaction. Polymer Chemistry, 2018, 9, 1996-2001.	1.9	10
40	Investigation of polycyanurate/benzoxazine curing system. Microsystem Technologies, 2018, 24, 597-604.	1.2	2
41	Recent progress in thermally stable and photosensitive polymers. Polymer Journal, 2018, 50, 57-76.	1.3	36
42	Nonstoichiometric Stille Coupling Polycondensation via an Intramolecular Pd(0) Catalyst Transfer Using Excess Phthalimide Monomer. Macromolecular Chemistry and Physics, 2018, 219, 1800175.	1.1	11
43	Synthesis of block copolymers comprised of poly(3â€hexylthiophene) segment with trisiloxane side chains and their application to organic thin film transistor. Journal of Polymer Science Part A, 2018, 56, 1787-1794.	2.5	21
44	Realization of Intrinsically Stretchable Organic Solar Cells Enabled by Charge-Extraction Layer and Photoactive Material Engineering. ACS Applied Materials & Interfaces, 2018, 10, 21712-21720.	4.0	52
45	All-conjugated donorâ€“acceptor graft/block copolymers as single active components and surfactants in all-polymer solar cells. Microsystem Technologies, 2017, 23, 1183-1189.	1.2	6
46	2,2â€²-Bis(1,3,4-thiadiazole)-Based Ï€-Conjugated Copolymers for Organic Photovoltaics with Exceeding 8% and Its Molecular Weight Dependence of Device Performance. Macromolecules, 2017, 50, 891-899.	2.2	32
47	Controlled Synthesis of Poly(pâ€phenylene) Using a Zincate Complex, ^tBu₄ZnLi₂. Macromolecular Rapid Communications, 2017, 38, 1700155.	2.0	9
48	Synthesis of regioblock copolythiophene by Negishi catalyst-transfer polycondensation using ^tBu₂ZnÂ·2LiCl. Polymer Chemistry, 2017, 8, 6143-6149.	1.9	9
49	A Versatile and Efficient Strategy to Discrete Conjugated Oligomers. Journal of the American Chemical Society, 2017, 139, 13735-13739.	6.6	85
50	Precise Synthesis of Block and Miktoarm Starâ€Branched Polymers Containing Polythiophene Segments with Low Dispersity by Combination of Living Anionic Polymerization and Catalystâ€Transfer Polycondensation Systems. Macromolecular Chemistry and Physics, 2017, 218, .	1.1	7
51	Precise Synthesis of Macromolecular Architectures by Novel Iterative Methodology Combining Living Anionic Polymerization with Specially Designed Linking Chemistry. Polymers, 2017, 9, 470.	2.0	30
52	Synthesis and characterization of polycyanurates as dismantlable adhesives. Journal of Polymer Science Part A, 2016, 54, 1153-1158.	2.5	14
53	Semipermeable membranes based on polybenzimidazole: Simultaneous improvement in water flux and salt rejection by facile cross-linking. Desalination, 2016, 395, 1-7.	4.0	11
54	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

#	Article	IF	Citations
55	Crosslinked copolymer with low dielectric constant and dissipation factor based on poly(2,6â€Dimethylphenolâ€coâ€2,6â€Diphenylphenol) and a crosslinker. Journal of Polymer Science Part A, 2016, 54, 3218-3223.	2.5	18
56	Poly(phenylene thioether)s with Fluorene-Based Cardo Structure toward High Transparency, High Refractive Index, and Low Birefringence. Macromolecules, 2016, 49, 5849-5856.	2.2	43
57	Isoindigo-Based Semiconducting Polymers Using Carbosilane Side Chains for High Performance Stretchable Field-Effect Transistors. Macromolecules, 2016, 49, 8540-8548.	2.2	83
58	Synthesis and FET characterization of novel ambipolar and lowâ€bandgap naphthaleneâ€diimideâ€based semiconducting polymers. Journal of Polymer Science Part A, 2016, 54, 359-367.	2.5	8
59	Investigation of stoichiometry in reactants for atom-economical synthesis of regioregular poly(3-hexylthiophene) with low dispersity using zincate complex of t Bu4ZnLi2. Microsystem Technologies, 2016, 22, 39-44.	1.2	6
60	Triggered Structural Control of Dynamic Covalent Aromatic Polyamides: Effects of Thermal Reorganization Behavior in Solution and Solid States. Macromolecules, 2016, 49, 2153-2161.	2.2	14
61	Sequentially Different AB Diblock and ABA Triblock Copolymers as P3HT:PCBM Interfacial Compatibilizers for Bulk-Heterojunction Photovoltaics. ACS Applied Materials & Interfaces, 2016, 8, 5484-5492.	4.0	34
62	Synthesis and characterization of all-conjugated hard-soft-hard ABA triblock copolythiophenes. Microsystem Technologies, 2016, 22, 3-10.	1.2	14
63	Investigation of mechanical properties and internal structure of novel ionic double-nework gels and comparison with conventional hydrogels. Microsystem Technologies, 2016, 22, 17-24.	1.2	8
64	Effect of primary structure on permselectivity of ultrathin semipermeable polybenzimidazole membrane. Journal of Applied Polymer Science, 2015, 132, .	1.3	5
65	Enhancement of Salt Rejection and Water Flux by Crosslinking-Induced Microstructure Change of N-substituted Polybenzimidazole Membranes. Materials Research Society Symposia Proceedings, 2015, 1745, 16.	0.1	1
66	Refractive Index Modulation by Tunable Thermal Rearrangement of Polycyanurates. Chemistry Letters, 2015, 44, 1110-1112.	0.7	3
67	Controlled Polymerization of Electron-deficient Naphthalene-diimide Containing Monomer by Negishi-type Catalyst-transfer Polymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 279-283.	0.1	7
68	Synthesis and photovoltaic properties of thieno[3,4-b]pyrazine or dithieno[3â€²,2â€²:3,4;2â€³,3â€³:5,6]benzo[1,2-d]imidazole-containing conjugated polymers. Journal of Polymer Science Part A, 2015, 53, 1067-1075.	2.5	9
69	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
70	Synthesis of polyisocyanurates by thermal rearrangement of polycyanurates. Journal of Polymer Science Part A, 2015, 53, 692-698.	2.5	5
71	Synthesis, characterization, and application to polymer solar cells of polythiophene derivatives with ester- or ketone-substituted phenyl side groups. Journal of Polymer Science Part A, 2015, 53, 875-887.	2.5	6
72	Recent Progress in High Refractive Index Polymers. Macromolecules, 2015, 48, 1915-1929.	2.2	363

#	Article	IF	Citations
73	Synthesis and characterization of poly(phenylene thioether)s containing pyrimidine units exhibiting high transparency, high refractive indices, and low birefringence. Journal of Materials Chemistry C, 2015, 3, 7081-7087.	2.7	21
74	Synthesis of 1,3,4-thiadiazole-based donorâ€“acceptor alternating copolymers for polymer solar cells with high open-circuit voltage. Polymer Journal, 2015, 47, 513-521.	1.3	12
75	Synthesis of poly(arylene ether sulfone): 18-Crown-6 catalyzed phase-transfer polycondensation of bisphenol A with 4,4â€²-dichlorodiphenyl sulfone. Polymer Journal, 2015, 47, 353-354.	1.3	7
76	Block Copolymers Containing Polythiophene Segments. , 2015, , 805-840.		1
77	Star-Branched Polymers (Star Polymers). , 2015, , 659-718.		3
78	Polymer Electrolyte Membranes Based on Multiblock Poly(phenylene ether ketone)s with Pendant Alkylsulfonic Acids: Effects on the Isomeric Configuration and Ion Transport Mechanism. Journal of Physical Chemistry C, 2015, 119, 19596-19606.	1.5	11
79	Nonstoichiometric Stille Coupling Polycondensation for Synthesizing Naphthalene-Diimide-Based Ï€-Conjugated Polymers. ACS Macro Letters, 2015, 4, 1004-1007.	2.3	46
80	Sulfonated Poly(Ether Sulfone) Membranes. Electrochemical Energy Storage and Conversion, 2015, , 133-200.	0.0	0
81	â€Face-Onâ€•Oriented ^|^pi;-Conjugated Polymers Containing 1,3,4-Thiadiazole Moiety Investigated with Synchrotron GIXS Measurements: Relationship between Morphology and PSC Performance. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2014, 27, 351-356.	0.1	2
82	Effects of catalyst loading amount on the synthesis of poly(3-hexylthiophene) via externally initiated Kumada catalyst-transfer polycondensation. Frontiers of Materials Science, 2014, 8, 383-390.	1.1	3
83	Poly(arylene ether ether nitrile)s containing flexible alkylsulfonated side chains for polymer electrolyte membranes. Journal of Polymer Science Part A, 2014, 52, 21-29.	2.5	16
84	Improvement in semipermeable membrane performance of wholly aromatic polyamide through an additive processing strategy. Journal of Polymer Science Part A, 2014, 52, 1275-1281.	2.5	11
85	Synthesis of All-Conjugated ABA and AB-type Donor-Acceptor Block Copolymers and Their Application in All-Polymer Solar Cells. Materials Research Society Symposia Proceedings, 2014, 1628, 1.	0.1	1
86	A chemically amplified molecular glass resist with an ionic photoacid generator and a single protection group. Journal of Applied Polymer Science, 2014, 131, .	1.3	2
87	Synthesis and morphology of allâ€conjugated donorâ€“acceptor block copolymers based on poly(3â€hexylthiophene) and poly(naphthalene diimide). Journal of Polymer Science Part A, 2014, 52, 1139-1148.	2.5	18
88	Ambipolar field-effect transistors using conjugated polymers with structures of bilayer, binary blends, and paralleled nanofibers. Journal of Materials Chemistry C, 2014, 2, 7489-7493.	2.7	10
89	Precision synthesis of regioregular poly(3-hexylthiophene) with low dispersity using a zincate complex catalyzed by nickel with the ligand of 1,2-bis(dicyclohexylphosphino)ethane. Journal of Polymer Science Part A, 2014, 52, 2287-2296.	2.5	23
90	Controlled synthesis of low-polydisperse regioregular poly(3-hexylthiophene) and related materials by zincate-complex metathesis polymerization. Polymer Journal, 2014, 46, 381-390.	1.3	20

#	Article	IF	Citations
91	Alkaline-developable and Positive-type Photosensitive Polyimide based on Fluorinated Poly(amic acid) from Diamine with High Hydrophobicity and Fluorinated Diazonaphtoquinone. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2014, 27, 211-217.	0.1	3
92	Design of Fullerene-Free Electron-Acceptor Materials Containing Perylenediimide Units for Solution-Processed Organic Electronic Devices. Bulletin of the Chemical Society of Japan, 2014, 87, 1083-1093.	2.0	3
93	Effect ofN-methyl amide linkage on hydrogen bonding behavior and water transport properties of partiallyN-methylated random aromatic copolyamides. Journal of Polymer Science Part A, 2014, 52, n/a-n/a.	2.5	2
94	Nanostructural Characteristics and Stability of a Miktoarm Star Polymer in Thin Films. Science of Advanced Materials, 2014, 6, 2317-2324.	0.1	2
95	Effects of the acceptor conjugation length and composition on the electrical memory characteristics of random copolyimides. Journal of Polymer Science Part A, 2013, 51, 1348-1358.	2.5	15
96	Precision synthesis of tailor-made polythiophene-based materials and their application to organic solar cells. Macromolecular Research, 2013, 21, 257-271.	1.0	34
97	Synthesis of all-conjugated donorâ€“acceptor block copolymers and their application in all-polymer solar cells. Polymer Chemistry, 2013, 4, 5518.	1.9	68
98	Block copolystyrene derivatives having flexible alkylsulfonated side chains and hydrophobic alkoxy chains as a proton exchange membrane for fuel cell application. Journal of Polymer Science Part A, 2013, 51, 2216-2224.	2.5	13
99	Polyimide memory: a pithy guideline for future applications. Polymer Chemistry, 2013, 4, 16-30.	1.9	177
100	Complex Self-Assembled Morphologies of Thin Films of an Asymmetric A₃B₃C₃ Star Polymer. ACS Macro Letters, 2013, 2, 849-855.	2.3	31
101	Polymer electrolyte membranes based on poly(phenylene ether)s with sulfonic acid via long alkyl side chains. Journal of Materials Chemistry A, 2013, 1, 11389.	5.2	24
102	Synthesis and Characterization of All-Conjugated Graft Copolymers Comprised of n-Type or p-Type Backbones and Poly(3-hexylthiophene) Side Chains. Macromolecules, 2013, 46, 1783-1793.	2.2	44
103	Facile formulation of alkaline-developable positive-type photosensitive polyimide based on fluorinated poly(amic acid), poly(amic acid), and fluorinated diazonaphthoquinone. Journal of Materials Chemistry C, 2013, 1, 2553.	2.7	15
104	Polymer electrolyte membrane based on polyacrylate with phosphonic acidvia long alkyl side chains. Journal of Materials Chemistry A, 2013, 1, 1457-1464.	5.2	17
105	Synthesis of hyperbranched polymers with controlled structure. Polymer Chemistry, 2013, 4, 1746-1759.	1.9	75
106	Recent progress in negative-working photosensitive and thermally stable polymers. Reactive and Functional Polymers, 2013, 73, 303-315.	2.0	18
107	Inducing a high twisted conformation in the polyimide structure by bulky donor moieties for the development of non-volatile memory. European Polymer Journal, 2013, 49, 3377-3386.	2.6	22
108	Synthesis of hyperbranched polythiophene with a controlled degree of branching viacatalyst-transfer Suzukiâ€“Miyaura coupling reaction. Polymer Chemistry, 2013, 4, 1208-1215.	1.9	16

#	Article	IF	Citations
109	Synthesis of All-Conjugated Donorâ€“Acceptorâ€“Donor ABA-Type Triblock Copolymers via Kumada Catalyst-Transfer Polycondensation. ACS Macro Letters, 2013, 2, 506-510.	2.3	49
110	Tunable Electrical Memory Characteristics Using Polyimide:Polycyclic Aromatic Compound Blends on Flexible Substrates. ACS Applied Materials & Interfaces, 2013, 5, 4921-4929.	4.0	50
111	Cross-Linked Liquid Crystalline Polyimides with Siloxane Units: Their Morphology and Thermal Diffusivity. Macromolecules, 2013, 46, 747-755.	2.2	38
112	Polymer electrolyte membranes based on poly(m-phenylene)s with sulfonic acid via long alkyl side chains. Polymer Chemistry, 2013, 4, 1235-1242.	1.9	43
113	Donorâ€“Acceptor Oligoimides for Application in Highâ€Performance Electrical Memory Devices. Chemistry - an Asian Journal, 2013, 8, 1514-1522.	1.7	13
114	Thermal Diffusivity of Hexagonal Boron Nitride Composites Based on Cross-Linked Liquid Crystalline Polyimides. ACS Applied Materials & Interfaces, 2013, 5, 3417-3423.	4.0	23
115	A novel photoâ€acid generator bound molecular glass resist with a single protecting group. Journal of Polymer Science Part A, 2013, 51, 1956-1962.	2.5	5
116	Synthesis of transparent and thermally stable polycyanurates and their thermal rearrangement. Journal of Polymer Science Part A, 2013, 51, 3950-3955.	2.5	6
117	Alkaline-developable Positive-type Photosensitive Polyimide based on Fluorinated Poly(amic acid) and Fluorinated Diazonaphthoquinone. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 351-356.	0.1	11
118	Synthesis of New Thiadiazole-Containing Polythiophene Derivatives and Their Application to Organic Solar Cells. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 185-191.	0.1	6
119	Highly Dielectric and Photo-patternable Gate Insulators for Organic Field-effect Transistors. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2012, 25, 375-380.	0.1	0
120	Development of Thermally Stable and Photosensitive Polymers. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2012, 25, 9-16.	0.1	6
121	pH-responsive Dendritic Gelators. Chemistry Letters, 2012, 41, 92-94.	0.7	4
122	Synthesis of hyperbranched polymers with controlled degree of branching. Polymer Journal, 2012, 44, 14-29.	1.3	45
123	Synthesis of Thiophene-Based Ï€-Conjugated Polymers Containing Oxadiazole or Thiadiazole Moieties and Their Application to Organic Photovoltaics. Macromolecules, 2012, 45, 9046-9055.	2.2	40
124	Polystyrenes containing flexible alkylsulfonated side chains as a proton exchange membrane for fuel cell application. Polymer Chemistry, 2012, 3, 3289.	1.9	34
125	Synthesis of highly refractive poly(phenylene thioether)s containing a binaphthyl or diphenylfluorene unit. Polymer Chemistry, 2012, 3, 2531.	1.9	21
126	Formation of spherical nanoparticles in poly(amic acid) films. Polymer Chemistry, 2012, 3, 2165.	1.9	7

#	Article	IF	Citations
127	Characteristic smectic structures of main-chain liquid-crystalline polyimides driven by a microphase separation between aromatic imide mesogen and a siloxane spacer. Journal of Materials Chemistry, 2012, 22, 1532-1538.	6.7	8
128	Direct patterning of poly(3-hexylthiophene) and its application to organic field-effect transistor. RSC Advances, 2012, 2, 1285-1288.	1.7	11
129	Synthesis and Characterization of High Refractive Index and High Abbeâ€™s Number Poly(thioether) Tj ETQq1 1 0.784314 rgBT /Over	2.2	77
130	Tuning the Electrical Memory Characteristics from Volatile to Nonvolatile by Perylene Imide Composition in Random Copolyimides. Macromolecules, 2012, 45, 4556-4563.	2.2	69
131	Purification-Free and Protection-Free Synthesis of Regioregular Poly(3-hexylthiophene) and Poly(3-(6-hydroxyhexyl)thiophene) Using a Zincate Complex of tBu4ZnLi2. ACS Macro Letters, 2012, 1, 167-170.	2.3	46
132	Synthesis and Postfunctionalization of Rodâ€“Coil Diblock and Coilâ€“Rodâ€“Coil Triblock Copolymers Composed of Poly(3-hexylthiophene) and Poly(4-(4â€²-N,N-dihexylaminophenylethynyl)styrene) Segments. Macromolecules, 2012, 45, 9643-9656.	2.2	45
133	Synthesis of aramids by bulk polycondensation of aromatic dicarboxylic acids with 4,4â€²-oxydianiline. Polymer Chemistry, 2012, 3, 1978.	1.9	12
134	Synthesis and characterization of novel polythiophenes with graphene-like structures via intramolecular oxidative coupling. Polymer Chemistry, 2012, 3, 479-485.	1.9	29
135	Flexible polymer memory devices derived from triphenylamineâ€“pyrene containing donorâ€“acceptor polyimides. Journal of Materials Chemistry, 2012, 22, 20754.	6.7	70
136	Thiophene and Selenophene Donorâ€“Acceptor Polyimides as Polymer Electrets for Nonvolatile Transistor Memory Devices. Macromolecules, 2012, 45, 6946-6956.	2.2	79
137	Design and synthesis of new cationic waterâ€soluble pyrene containing dendrons for DNA sensory applications. Journal of Polymer Science Part A, 2012, 50, 297-305.	2.5	7
138	Synthesis of Aliphatic Polyamide Dendrimers Based on Facile Convergent Method. Macromolecules, 2012, 45, 4175-4183.	2.2	6
139	Polymer electrolyte membranes based on polystyrenes with phosphonic acid via long alkyl side chains. Journal of Polymer Science Part A, 2012, 50, 4334-4340.	2.5	26
140	Enhancement of power conversion efficiency and long-term stability of P3HT/PCBM solar cells using C60 derivatives with thiophene units as surfactants. Solar Energy Materials and Solar Cells, 2012, 97, 164-170.	3.0	37
141	Direct synthesis and melt-drawing property of aramids by bulk polycondensation of isophthalic acid with m-phenylenediamine and 3,4â€²-oxydianiline. Journal of Applied Polymer Science, 2012, 124, 4398-4402.	1.3	5
142	Synthesis of Block Copolymers Containing Polythiophene Segments and Their Application to Organic Photovoltaics. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2012, 70, 1030-1040.	0.0	0
143	Polymer Electrolyte Membranes Based on Poly(phenylene ether)s with Pendant Perfluoroalkyl Sulfonic Acids. Macromolecules, 2011, 44, 1603-1609.	2.2	50
144	Synthesis and Characterization of Polythiophenes Bearing Aromatic Groups at the 3-Position. Macromolecules, 2011, 44, 719-727.	2.2	22

#	Article	IF	Citations
145	Electrically bistable memory devices based on all-conjugated block copolythiophenes and their PCBM composite films. Journal of Materials Chemistry, 2011, 21, 14502.	6.7	44
146	New Dibenzothiophene-Containing Donorâ"Acceptor Polyimides for High-Performance Memory Device Applications. Journal of Physical Chemistry C, 2011, 115, 5930-5939.	1.5	83
147	Synthesis of a linear polymer from an AB2 monomer of 1-(3-phenoxypropyl)piperidine-4-one in trifluoromethanesulfonic acid. Polymer Chemistry, 2011, 2, 1644.	1.9	6
148	Synthesis of Highly Refractive Poly(phenylene thioether) Derived from 2,4-Dichloro-6-alkylthio-1,3,5-triazines and Aromatic Dithiols. Macromolecules, 2011, 44, 9180-9186.	2.2	43
149	Synthesis and characterization of thianthrene-based poly(phenylene sulfide)s with high refractive index over 1.8. Journal of Materials Chemistry, 2011, 21, 15727.	6.7	36
150	New Donorâ€"Acceptor Oligoimides for High-Performance Nonvolatile Memory Devices. Chemistry of Materials, 2011, 23, 4487-4497.	3.2	95
151	Direct Photo-patterning of Poly(3-hexylthiophene). Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2011, 24, 273-276.	0.1	2
152	Synthesis and characterization of block copolythiophene with hexyl and triethylene glycol side chains. Polymer, 2011, 52, 3687-3695.	1.8	37
153	Highly phosphonated poly(Nâ€phenylacrylamide) for proton exchange membranes. Journal of Polymer Science Part A, 2011, 49, 93-100.	2.5	21
154	Synthesis of allâ€conjugated poly(3â€hexylthiophene)â€blockâ€• poly(3â€(4â€²â€(3â€³,7â€³â€dimethyloctyloxy)â€3â€²â€pyridinyl)thiophene) and its blend for photovoltaic applications. Journal of Polymer Science Part A, 2011, 49, 2577-2587.	2.5	46
155	Synthesis of poly(mâ€phenylene) and poly(mâ€phenylene)â€blockâ€•poly(3â€hexylthiophene) with low polydispersities. Journal of Polymer Science Part A, 2011, 49, 2709-2714.	2.5	39
156	Polymer electrolyte membrane based on poly(ether sulfone) containing binaphthyl units with pendant perfluoroalkyl sulfonic acids. Journal of Polymer Science Part A, 2011, 49, 2997-3003.	2.5	14
157	Synthesis of poly(mâ€phenyleneisophthalamide) by solidâ€state polycondensation of isophthalic acid with mâ€phenylenediamine. Journal of Polymer Science Part A, 2011, 49, 4725-4728.	2.5	14
158	Synthesis of well-defined star-branched polymers by stepwise iterative methodology using living anionic polymerization. Progress in Polymer Science, 2011, 36, 323-375.	11.8	177
159	Synthesis of Novel Ï€-Conjugated Rod-Rod-Rod Triblock Copolymers Containing Poly(3-hexylthiophene) and Polyacetylene Segments by Combination of Quasi-Living GRIM and Living Anionic Polymerization. Polymers, 2011, 3, 236-251.	2.0	14
160	Development of a Chemically Amplified Photosensitive Polyimide Based on Poly(amic acid), a Dissolution Inhibitor, and a Photoacid Generator. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 483-488.	0.1	4
161	Development of Photosensitive Poly(hydroxyimide) with High Refractive Index. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 515-520.	0.1	3
162	Optically Transparent Sulfur-containing Semi-alicyclic Polyimide with High Refractive Index. Chemistry Letters, 2010, 39, 392-393.	0.7	9

#	Article	IF	Citations
163	Combining Living Anionic Polymerization with Branching Reactions in an Iterative Fashion to Design Branched Polymers. Macromolecular Rapid Communications, 2010, 31, 1031-1059.	2.0	51
164	Pattern formation of polyimide by using photosensitive polybenzoxazole as a top layer. European Polymer Journal, 2010, 46, 1576-1581.	2.6	12
165	Synthesis of amorphous copoly(thioether sulfone)s with high refractive indices and high Abbe numbers. European Polymer Journal, 2010, 46, 34-41.	2.6	24
166	Synthesis of highly refractive and transparent polyimides derived from 4,4â€²â€²thiobis[2â€³,6â€³â€dimethylâ€4â€³â€(‹i›p‹/i›â€phenylenesulfanyl)aniline]. Journal of Polymer Science Part A, 2010, 48, 656-662.	2.5	30
167	Lowâ€CTE photosensitive polyimide based on semialicyclic poly(amic acid) and photobase generator. Journal of Polymer Science Part A, 2010, 48, 1317-1323.	2.5	24
168	Highly sulfonated multiblock copoly(ether sulfone)s for fuel cell membranes. Journal of Polymer Science Part A, 2010, 48, 2757-2764.	2.5	72
169	Highly refractive polymer resin derived from sulfurâ€containing aromatic acrylate. Journal of Polymer Science Part A, 2010, 48, 2604-2609.	2.5	31
170	Synthesis of block copolymers consisting of poly(3-hexylthiophene) and polystyrene segments through ionic interaction and their self-assembly behavior. Polymer Journal, 2010, 42, 43-50.	1.3	23
171	Successive Synthesis of Wellâ€Defined Starâ€Branched Polymers by â€œConvergentâ€•Iterative Methodology Using Coreâ€Functionalized 3â€Arm Starâ€Branched Polymer and a Specially Designed 1,1â€Diphenylethylene Derivative. Macromolecular Symposia, 2010, 296, 53-62.	0.4	8
172	Hyperbranched Polymers with Controlled Degree of Branching from 0 to 100%. Journal of the American Chemical Society, 2010, 132, 11000-11001.	6.6	81
173	Synthesis and Liquid Crystalline Behavior of Laterally Substituted Polyimides with Siloxane Linkages. Macromolecules, 2010, 43, 8950-8956.	2.2	20
174	Thermotropic Liquid Crystalline Polyimides with Siloxane Linkages: Synthesis, Characterization, and Liquid Crystalline Behavior. Macromolecules, 2010, 43, 805-810.	2.2	27
175	Enhancement of P3HT/PCBM Photovoltaic Efficiency Using the Surfactant of Triblock Copolymer Containing Poly(3-hexylthiophene) and Poly(4-vinyltriphenylamine) Segments. Macromolecules, 2010, 43, 6085-6091.	2.2	105
176	Synthesis of sulfur-containing poly(thioester)s with high refractive indices and high Abbe numbers. Polymer Chemistry, 2010, 1, 480-484.	1.9	35
177	High Performance Volatile Polymeric Memory Devices Based on Novel Triphenylamine-based Polyimides Containing Mono- or Dual-Mediated Phenoxy Linkages. Macromolecules, 2010, 43, 1236-1244.	2.2	153
178	Negative-Working Photosensitive Poly(phenylene ether) Based on Poly(2,6-dimethyl-1,4-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	7
179	Synchrotron X-ray Scattering Characterization of the Molecular Structures of Star Polystyrenes with Varying Numbers of Arms. Journal of Physical Chemistry B, 2010, 114, 6247-6257.	1.2	16
180	Highly Refractive Poly(phenylene thioether) Containing Triazine Unit. Macromolecules, 2010, 43, 4613-4615.	2.2	66

#	Article	IF	Citations
181	Preparation of Nanoporous Poly(3-hexylthiophene) Films Based on a Template System of Block Copolymers via Ionic Interaction. Macromolecules, 2010, 43, 4843-4852.	2.2	66
182	Polymer Electrolyte Membranes Based on Cross-Linked Highly Sulfonated Multiblock Copoly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	67
183	Synthesis and Characterization of Highly Refractive Polyimides Derived from Thiophene-Containing Aromatic Diamines and Aromatic Dianhydrides. Macromolecules, 2010, 43, 1836-1843.	2.2	75
184	A high performance polymer electrolyte membrane based on sulfonated poly(ether sulfone) with binaphthyl units. Journal of Materials Chemistry, 2010, 20, 6662.	6.7	26
185	Thermotropic liquid crystalline polyimides toward high heat conducting materials for 3D chip stack. , 2009, , .		0
186	Alkalineâ€developable, chemically amplified, negativeâ€type photosensitive polyimide based on polyhydroxyimide, a crosslinker, and a photoacid generator. Journal of Applied Polymer Science, 2009, 113, 3605-3611.	1.3	17
187	Locally sulfonated poly(ether sulfone)s with highly sulfonated units as proton exchange membrane. Journal of Polymer Science Part A, 2009, 47, 3444-3453.	2.5	60
188	Direct patterning of poly(amic acid) and lowâ€temperature imidization using a crosslinker, a photoacid generator, and a thermobase generator. Journal of Polymer Science Part A, 2009, 47, 3362-3369.	2.5	14
189	Synthesis of highâ€refractive index polyimide containing selenophene unit. Journal of Polymer Science Part A, 2009, 47, 4428-4434.	2.5	71
190	Synthesis of highly refractive polyimides derived from 3,6â€bis(4â€aminophenylenesulfanyl)pyridazine and 4,6â€bis(4â€aminophenylenesulfanyl)pyrimidine. Journal of Polymer Science Part A, 2009, 47, 4886-4894.	2.5	53
191	Sulfonated poly(ether sulfone)s with binaphthyl units as proton exchange membranes for fuel cell application. Journal of Polymer Science Part A, 2009, 47, 5827-5834.	2.5	33
192	All-conjugated diblock copolymer of poly(3-hexylthiophene)-block-poly(3-phenoxymethylthiophene) for field-effect transistor and photovoltaic applications. Organic Electronics, 2009, 10, 1541-1548.	1.4	47
193	Synthesis and characterization of highly refractive polyimides derived from 2,7-bis(4â€²-aminophenylenesulfanyl)thianthrene-5,5,10,10-tetraoxide and aromatic dianhydrides. Polymer, 2009, 50, 789-795.	1.8	52
194	Sulfonated aromatic hydrocarbon polymers as proton exchange membranes for fuel cells. Polymer, 2009, 50, 5341-5357.	1.8	301
195	Synthesis of novel ABA triblock and (ABA) multiblock copolymers comprised of polyisobutylene and poly(Î³-benzyl-l-glutamate) segments. Reactive and Functional Polymers, 2009, 69, 429-434.	2.0	15
196	Synthesis and characterization of a novel coilâ€“rodâ€“coil triblock copolymers comprised of regioregular poly(3-hexylthiophene) and poly(methyl methacrylate) segments. Reactive and Functional Polymers, 2009, 69, 457-462.	2.0	40
197	Synthesis of well-defined block copolymers and star-branched polymers by using terminal 1,3-butadiene functionalized polymers as reactive building blocks. Reactive and Functional Polymers, 2009, 69, 480-492.	2.0	6
198	Synthesis of a novel water-soluble polyamide dendrimer based on a facile convergent method. European Polymer Journal, 2009, 45, 1994-2001.	2.6	11

#	Article	IF	Citations
199	Influence of Polymer Structure in Sulfonated Block Copoly(ether sulfone) Membranes for Fuel Cell Application. Polymer Journal, 2009, 41, 332-337.	1.3	10
200	Synthesis of High Refractive Index Poly(thioether sulfone)s with High Abbeâ€™s Number Derived from 2,5-Bis(sulfanylmethyl)-1,4-dithiane. Polymer Journal, 2009, 41, 860-865.	1.3	28
201	A Negative-Type Photosensitive Poly(3-hexylthiophene) with Cross-Linker and Photoacid Generator. Polymer Journal, 2009, 41, 808-809.	1.3	9
202	Successive Synthesis of Asymmetric Star-Branched Polymers Based on Iterative Methodology Using 1,1-Diphenylethylene Derivatives of Alternative Choice at Each Iteration. Macromolecules, 2009, 42, 6006-6014.	2.2	45
203	Living Anionic Polymerization of 4-Vinyltriphenylamine for Synthesis of Novel Block Copolymers Containing Low-Polydisperse Poly(4-vinyltriphenylamine) and Regioregular Poly(3-hexylthiophene) Segments. Macromolecules, 2009, 42, 8794-8800.	2.2	60
204	Synthesis of a Hyperbranched Polymer with Perfect Branching Based on Piperidine-4-one. Macromolecules, 2009, 42, 994-1001.	2.2	26
205	An Alkaline-Developable, Negative-Working Photosensitive Polybenzoxazole Based on Poly(o-hydroxyamide), a Vinyl Sulfone-Type Cross-Linker, and a Novel Photobase Generator. Macromolecules, 2009, 42, 3780-3787.	2.2	16
206	An Alkaline-Developable, Chemically Amplified, Negative-Type Photosensitive Poly(benzoxazole) Resist Based on Poly(o-hydroxy amide), an Active Ester-Type Cross-Linker, and a Photobase Generator. Macromolecules, 2009, 42, 1024-1030.	2.2	23
207	Base-Catalyzed Synthesis of a 100% Hyperbranched Polymer on the Basis of an Indolin-2-one Unit. Macromolecules, 2009, 42, 8718-8724.	2.2	13
208	Locally and Densely Sulfonated Poly(ether sulfone)s as Proton Exchange Membrane. Macromolecules, 2009, 42, 1161-1166.	2.2	201
209	Highly Refractive and Photosensitive Polyimide. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 423-428.	0.1	4
210	Development of Photosensitive Poly(benzoxazole) Based on a Poly(o-hydroxy amide), a Dissolution Inhibitor, and a Photoacid Generator. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 429-435.	0.1	9
211	A Chemically Amplified, Negative-type Photosensitive Poly(phenylene ether ketone) (PEK) Resist Based on Ketal-protected PEK and a Photoacid Generator. Chemistry Letters, 2009, 38, 1048-1049.	0.7	3
212	Synthesis of Thermotropic Liquid Crystalline Polyimides with Siloxane Linkages. Chemistry Letters, 2009, 38, 716-717.	0.7	9
213	Facile synthesis of diphenylethylene end-functional polyisobutylene and its applications for the synthesis of block copolymers containing poly(methacrylate)s. Polymer, 2008, 49, 386-393.	1.8	17
214	X-ray scattering studies on molecular structures of star and dendritic polymers. Macromolecular Research, 2008, 16, 686-694.	1.0	19
215	Influence of adjusted hydrophilicâ€“hydrophobic lengths in sulfonated multiblock copoly(ether) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	42
216	Star-Shaped Sulfonated Block Copoly(ether ketone)s as Proton Exchange Membranes. Macromolecules, 2008, 41, 7560-7565.	2.2	103

#	Article	IF	Citations
217	Successive Synthesis of Well-Defined Star-Branched Polymers by Iterative Methodology Based on Living Anionic Polymerization. Polymer Journal, 2008, 40, 923-941.	1.3	36
218	Allyl Halide (Macro)initiators in ATRP: Synthesis of Block Copolymers with Polyisobutylene Segments. Macromolecules, 2008, 41, 2318-2323.	2.2	59
219	Self Organization and Redox Behavior of Poly(vinylferrocene)-block-Poly(isobutylene)-block-Poly(vinylferrocene) Triblock Copolymer^{â€}. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 910-913.	1.2	8
220	Facile Synthesis of ABA Triblock Copolymer Containing Regioregular Poly(3-hexylthiophene) and Polystyrene Segments via Linking Reaction of Poly(styryl)lithium. Macromolecules, 2008, 41, 9505-9507.	2.2	68
221	Synthesis of Novel Multifunctional Polyisobutylenes at Chain End(s) and Their Application to AnB Asymmetric Star and AnBAn Pompom Polymers by Combination of Living Cationic and Anionic Polymerizations. Macromolecules, 2008, 41, 5616-5625.	2.2	34
222	Successive Synthesis of Well-Defined Asymmetric Star-Branched Polymers up to Seven-Arm, Seven-Component ABCDEFG Type by an Iterative Methodology Based on Living Anionic Polymerization. Macromolecules, 2008, 41, 3579-3587.	2.2	66
223	Positive-Working Photoresist Based on a First-Generation Dendrimer Consisting of 3,5-Bis(tetrahydropyranyloxy)benzyl Units. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 799-803.	0.1	3
224	Synthesis of Novel Block Copolymers Comprised of Polyisobutylene and Poly(vinylferrocene) Segments. Macromolecules, 2007, 40, 7453-7463.	2.2	32
225	Synthesis of Asymmetric Star-Branched Polymers Having Two Polyacetylene Arms by Means of Living Anionic Polymerization Using 1,1-Diphenylethylene Derivatives. Macromolecules, 2007, 40, 228-238.	2.2	42
226	Synthesis of Poly(isobutylene-block-methyl methacrylate) by a Novel Coupling Approach. Macromolecules, 2006, 39, 5275-5279.	2.2	31
227	Successive Synthesis of Well-Defined Many Arm Star-Branched Polymers by an Iterative Methodology Using a Specially Designed 1,1-Diphenylethylene. Macromolecules, 2006, 39, 6081-6091.	2.2	48
228	Block Copolymers by the Combination of Cationic and Anionic Polymerizations for Biomedical Applications. Macromolecular Symposia, 2006, 245-246, 14-21.	0.4	7
229	Synthesis of Block Copolymers and Asymmetric Star-Branched Polymers Comprised of Polyacetylene and Polystyrene Segments via Ionic Bond Formation. Monatshefte FÂ¼r Chemie, 2006, 137, 869-880.	0.9	24
230	Successive synthesis of well-defined star-branched polymers by an iterative approach based on living anionic polymerization. Macromolecular Research, 2006, 14, 287-299.	1.0	35
231	Synthesis of asymmetric star-branched block copolymers based on PS, PTHF, and PMMA by combination of cationic ring opening polymerization and redox polymerization methods. Journal of Applied Polymer Science, 2006, 102, 516-522.	1.3	12
232	Successive Synthesis of Regular and Asymmetric Star-Branched Polymers by Iterative Methodology Based on Living Anionic Polymerization Using Functionalized 1,1-Diphenylethylene Derivatives. Macromolecular Symposia, 2006, 240, 31-40.	0.4	18
233	Precise syntheses of chain-multi-functionalized polymers, star-branched polymers, star-linear block polymers, densely branched polymers, and dendritic branched polymers based on iterative approach using functionalized 1,1-diphenylethylene derivatives. Progress in Polymer Science, 2005, 30, 111-182.	11.8	287
234	Successive Synthesis of Well-Defined Star-Branched Polymers by a New Iterative Approach Involving Coupling and Transformation Reactions. Macromolecules, 2005, 38, 4577-4587.	2.2	60

#	Article	IF	Citations
235	Synthesis of Functionalized Asymmetric Star Polymers Containing Conductive Polyacetylene Segments by Living Anionic Polymerization. Journal of the American Chemical Society, 2005, 127, 14158-14159.	6.6	106
236	Synthesis of asymmetric star-branched polymers consisting of three or four different segments in composition by means of living anionic polymerization with a new dual-functionalized 1,1-bis(3-chloromethylphenyl)ethylene. Journal of Polymer Science Part A, 2004, 42, 4535-4547.	2.5	41
237	Precise synthesis of asymmetric star-shaped polymers by coupling reactions of new specially designed polymer anions with chain-end-functionalized polystyrenes with benzyl bromide moieties. Science and Technology of Advanced Materials, 2004, 5, 469-477.	2.8	21
238	Synthesis of block co-polymers and star-branched polymers consisting of conducting polyacetylene segments via ionic interaction to form ionic bonds. Designed Monomers and Polymers, 2004, 7, 647-660.	0.7	14
239	Synthesis of Well-Defined Star-Branched Polymers by Coupling Reaction of Star-Branched Polymer Anions Comprised of Three Polymer Segments with Chain-End-Functionalized Polystyrenes with a Definite Number of Benzyl Bromide Moieties. Macromolecules, 2004, 37, 5179-5189.	2.2	30
240	Precise Synthesis of Star-Branched Polymers by Means of Living Anionic Polymerization Using 1,1-Bis(3-chloromethylphenyl)ethylene. Macromolecular Symposia, 2004, 215, 57-66.	0.4	7
241	Synthesis of Well-Defined Star-Branched Polymers by Using Chain-End-Functionalized Polystyrenes with a Definite Number of 1,3-Butadienyl Groups and Its Derivatized Functions. Macromolecules, 2003, 36, 6730-6738.	2.2	16
242	Precise Synthesis of Regular and Asymmetric Star Polymers and Densely Branched Polymers with Starlike Structures by Means of Living Anionic Polymerization. Polymer Journal, 2002, 34, 633-658.	1.3	50
243	Synthesis of Branched Polymers by Means of Living Anionic Polymerization. 13. Synthesis of Well-Defined Star-Branched Polymers via an Iterative Approach Using Living Anionic Polymers. Macromolecules, 2002, 35, 7238-7245.	2.2	44
244	Synthesis of Branched Polymers by Means of Living Anionic Polymerization, 9. Radical Coupling Reaction of 1,1-Diphenylethylene-Functionalized Polymers with Potassium Naphthalenide and Its Application to Syntheses of In-Chain-Functionalized Polymers and Star-Branched Polymers. Macromolecular Chemistry and Physics, 2002, 203, 166-175.	1.1	20
245	Synthesis of Branched Polymers by Means of Living Anionic Polymerization, 8. Synthesis of Well-Defined Star-Branched Polymers by an Iterative Approach Based on Living Anionic Polymerization Using 1,1-Diphenylethylene Derivatives. Macromolecular Chemistry and Physics, 2001, 202, 3165-3173.	1.1	42