

# Takeshi Shiono

## List of Publications by Year in descending order

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339  
papers

9,077  
citations

44444

50  
h-index

84171

75  
g-index

344  
all docs

344  
docs citations

344  
times ranked

4363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective alcoholysis of lactide catalyzed by bulky Lewis pairs of tris(pentafluorophenyl)borane and phosphines. <i>Molecular Catalysis</i> , 2022, 519, 112121.	1.0	1
2	Synthesis of Granular Hydroxy-Functionalized Ultra-high-molecular-weight Polyethylene and Its Fiber Properties. <i>Advanced Fiber Materials</i> , 2022, 4, 786-794.	7.9	3
3	An environmentally adaptable stereocomplex derived from lactide copolymers with improved UV shielding characteristics based on morphological changes. <i>Reactive and Functional Polymers</i> , 2022, 173, 105148.	2.0	1
4	Cyclic Olefin Copolymer Bearing Pendant Fluorenyl Groups with High Refractive Index and Low Chromatic Dispersion. <i>Macromolecules</i> , 2022, 55, 125-132.	2.2	7
5	Star polymers with norbornene/1-octene gradient copolymer arms synthesized by an ansa-fluorenylamidodimethyltitanium-[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] catalyst system. <i>Polymer</i> , 2022, 249, 124844.	1.8	4
6	Synthesis and properties of block copolymers composed of norbornene/higher $\hat{\pm}$ -olefin gradient segments using <i>ansa</i> -fluorenylamidodimethyltitanium-[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] catalyst system. <i>Polymer Chemistry</i> , 2021, 12, 189-195.	1.9	8
7	Neutral, Noncoordinating, and Hydrocarbon-Soluble Protic Cocatalyst for Olefin Polymerization. <i>ACS Catalysis</i> , 2021, 11, 865-870.	5.5	13
8	Incorporation of Boronic Acid Functionality into Isotactic Polypropylene and Its Application as a Cross-Linking Point. <i>Macromolecules</i> , 2021, 54, 1267-1272.	2.2	5
9	Synthesis of thermoplastic elastomers with high biodegradability in seawater. <i>Polymer Degradation and Stability</i> , 2021, 184, 109467.	2.7	6
10	Rheological properties of linear and short-chain branched polyethylene with nearly monodispersed molecular weight distribution. <i>Rheologica Acta</i> , 2021, 60, 511-519.	1.1	4
11	Synthesis, Properties, and Biodegradability of Thermoplastic Elastomers Made from 2-Methyl-1,3-propanediol, Glutaric Acid and Lactide. <i>Life</i> , 2021, 11, 43.	1.1	3
12	Copolymerization of norbornene and conjugated dienes using anilinonaphthoquinone-ligated nickel complexes. <i>Polymer</i> , 2020, 187, 122094.	1.8	8
13	Norbornadiene homopolymerization and norbornene/norbornadiene/1-octene terpolymerization by <i>ansa</i> -fluorenylamidotitanium-based catalysts. <i>Polymer Chemistry</i> , 2020, 11, 6803-6810.	1.9	7
14	Synthesis, properties and biodegradation of periodic copolyesters composed of hydroxy acids, ethylene glycol, and terephthalic acid. <i>Polymer Degradation and Stability</i> , 2020, 174, 109095.	2.7	14
15	Synthesis and properties of biodegradable thermoplastic elastomers using 2-Methyl-1,3-propanediol, succinic acid and lactide. <i>Polymer Degradation and Stability</i> , 2020, 181, 109353.	2.7	8
16	Synthesis and Properties of Gradient Copolymers Composed of Norbornene and Higher $\hat{\pm}$ -Olefins Using an <i>ansa</i> -Fluorenylamidodimethyltitanium-[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] Catalyst System. <i>Macromolecules</i> , 2020, 53, 4323-4329.	2.2	21
17	Synthesis, Properties, and Biodegradation of Sequential Poly(Ester Amide)s Containing $\hat{\pm}$ -Aminobutyric Acid. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3674.	1.8	5
18	Coordination-Insertion Copolymerization of Norbornene and <i>p</i> -Substituted Styrenes Using Anilinonaphthoquinone-Ligated Nickel Complexes. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900494.	1.1	11

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19	Synthesis of norbornene/divinylbenzene copolymers catalyzed by anilinonaphthoquinone-ligated nickel complexes and their applications for the synthesis of graft polymers. <i>Journal of Polymer Science</i> , 2020, 58, 1564-1570.	2.0	5
20	Effect of Ancillary Ligands as a Part of Counteranion in Neodymium-Catalyzed Isoprene Polymerization. <i>Organometallics</i> , 2020, 39, 1855-1860.	1.1	4
21	Crystal structure of di- $\frac{1}{4}$ -trihydro(pentafluorophenyl)borato-tetrakis(tetrahydrofuran)disodium. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 145-147.	0.2	2
22	Copolymerization of Norbornene and Styrene with Anilinonaphthoquinone-Ligated Nickel Complexes. <i>Polymers</i> , 2019, 11, 1100.	2.0	15
23	Impregnation of poly(L-lactide-ran- $\beta$ -valerolactone) with essential bark oil using supercritical carbon dioxide. <i>Scientific Reports</i> , 2019, 9, 16326.	1.6	4
24	Copolymerization of Ethylene and Fluoroalkylnorbornene Using Highly Active ansa-(Fluorenyl)(amido)titanium-Based Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900306.	1.1	5
25	Chain-walking polymerization of 3-heptene with phenyl substituted $\beta$ -diimine nickel catalysts. <i>Polymer</i> , 2019, 181, 121801.	1.8	9
26	<i>cis</i> -1,4 Specific Polymerization of 1,3-Butadiene Using PNP-pincer Ligated Iron(II) Complexes. <i>Chemistry Letters</i> , 2019, 48, 525-528.	0.7	3
27	Preparation of Methylaluminoxane from CO <sub>2</sub> and Me <sub>3</sub> Al. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2392-2395.	1.0	8
28	Optically Transparent Functional Polyolefin Elastomer with Excellent Mechanical and Thermal Properties. <i>ACS Macro Letters</i> , 2019, 8, 299-303.	2.3	45
29	Synthesis and Properties of Stereoblock Copolymers Composed of Lactide and $\beta$ -Caprolactone. <i>Kobunshi Ronbunshu</i> , 2019, 76, 61-67.	0.2	0
30	Stereospecific polymerization of conjugated dienes using neodymium alkylborohydride complexes. <i>Dalton Transactions</i> , 2019, 48, 7267-7273.	1.6	7
31	Changes in the morphology of poly(L-lactide-ran- $\beta$ -valerolactone) following supercritical carbon dioxide processing. <i>Polymer Crystallization</i> , 2019, 2, e10070.	0.5	0
32	Effect of the number of arms on the mechanical properties of a star-shaped cyclic olefin copolymer. <i>Polymer Chemistry</i> , 2019, 10, 5578-5583.	1.9	7
33	Alternating Copolymer of Propylene and Butadiene with Static Crystallinity. <i>Nippon Gomu Kyokaishi</i> , 2019, 92, 435-439.	0.0	0
34	Selective synthesis of highly soluble cyclic olefin copolymers with pendant vinyl groups using 1,5-hexadiene as a comonomer. <i>Polymer</i> , 2018, 136, 109-113.	1.8	10
35	Chain-Walking Polymerization of Linear Internal Octenes Catalyzed by $\beta$ -Diimine Nickel Complexes. <i>Organometallics</i> , 2018, 37, 1358-1367.	1.1	32
36	Effect of Added Phenols and Silanol on the Cocatalyst Activity of Methylaluminoxane. <i>Kobunshi Ronbunshu</i> , 2018, 75, 551-556.	0.2	1

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37	Synthesis of <i>ansa</i> -Fluorenylamidotitanium(tetrahydrofuran) Complex and Its Catalytic Ability for Polymerization of Olefins. <i>Kobunshi Ronbunshu</i> , 2018, 75, 564-569.	0.2	0
38	Efficient ethylene copolymerization with polar monomers using palladium anilinonaphthoquinone catalysts. <i>Polymer Chemistry</i> , 2018, 9, 5476-5482.	1.9	21
39	Efficient control of ethylene/norbornene copolymerization behavior of a fluorenylamido-ligated titanium complex: substituent effects of the amido ligand and copolymer properties. <i>Polymer Chemistry</i> , 2018, 9, 4492-4497.	1.9	11
40	Reversible star assembly of polyolefins using interconversion between boroxine and boronic acid. <i>Polymer Chemistry</i> , 2018, 9, 3774-3779.	1.9	13
41	Synthesis of Hydroxy-Functionalized Cyclic Olefin Copolymer and Its Block Copolymers with Semicrystalline Polyolefin Segments. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600815.	2.0	18
42	Synthesis of highly thermostable norbornene-isoprene-1-octene terpolymer with titanium catalyst. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2136-2140.	2.5	10
43	Living polymerization of higher 2-alkene with $\hat{\pm}$ -diimine nickel catalysts: Synthesis and characterization of high molecular weight poly(2-alkene)s. <i>Polymer</i> , 2017, 127, 88-100.	1.8	24
44	An Alternative Method for the Preparation of Trialkylaluminum-Depleted Modified Methylaluminoxane (dMMAO). <i>Macromolecules</i> , 2017, 50, 5989-5993.	2.2	26
45	Highly Active <i>ansa</i> -(Fluorenyl)(amido)titanium-Based Catalysts with Low Load of Methylaluminoxane for Syndiotactic-Specific Living Polymerization of Propylene. <i>Organometallics</i> , 2017, 36, 3009-3012.	1.1	11
46	Highly Robust Nickel Catalysts Containing Anilinonaphthoquinone Ligand for Copolymerization of Ethylene and Polar Monomers. <i>Macromolecules</i> , 2017, 50, 9216-9221.	2.2	77
47	Controlled ring-opening polymerization of $\epsilon$ -lactide and $\epsilon$ -caprolactone catalyzed by aluminum-based $\langle \text{scp} \rangle \text{L} \langle \text{scp} \rangle$ Lewis pairs or $\langle \text{scp} \rangle \text{L} \langle \text{scp} \rangle$ Lewis acid alone. <i>Journal of Polymer Science Part A</i> , 2017, 55, 297-303.	2.5	19
48	Living Polymerization of Propylene with <i>ansa</i> -Dimethylsilylene(fluorenyl)(cumylamido) Titanium Complexes. <i>Polymers</i> , 2017, 9, 131.	2.0	4
49	Substituent Effects of Adamantyl Group on Amido Ligand in Syndiospecific Polymerization of Propylene with <i>ansa</i> -Dimethylsilylene(Fluorenyl)(Amido) Zirconium Complex. <i>Polymers</i> , 2017, 9, 632.	2.0	2
50	Synthesis of Stereodiblock Polybutadiene Using $\text{Cp}^*\text{Nd}(\text{BH}_4)_2(\text{thf})_2$ as a Catalyst. <i>Catalysts</i> , 2017, 7, 284.	1.6	11
51	Synthesis and Biodegradation of Poly(l-lactide-co- $\hat{1}^2$ -propiolactone). <i>International Journal of Molecular Sciences</i> , 2017, 18, 1312.	1.8	13
52	Quasi-Living Polymerization of Propene with an Isotactic-Specific Zirconocene Catalyst. <i>Molecules</i> , 2017, 22, 725.	1.7	1
53	Effect of end-group modification of poly(lactide)s by cinnamoyl chloride on their thermal stability. <i>Polymer Degradation and Stability</i> , 2017, 141, 97-103.	2.7	7
54	Synthesis of Highly Branched Polyolefins Using Phenyl Substituted $\hat{\pm}$ -Diimine Ni(II) Catalysts. <i>Polymers</i> , 2016, 8, 160.	2.0	36

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55	Effects of supercritical carbon dioxide treatment on the morphology of poly(L-lactide). Journal of Applied Polymer Science, 2016, 133, .	1.3	4
56	Precision Chain-Walking Polymerization of <i>trans</i> -4-Octene Catalyzed by <i>trans</i> -Diimine Nickel(II) Catalysts Bearing <i>ortho</i> -Phenethyl Groups. Macromolecular Rapid Communications, 2016, 37, 1375-1381.	2.0	26
57	Theoretical investigation of the mechanism of syndiospecific propylene polymerization using ansa-dimethylsilylene(fluorenyl)(amido)titanium complexes. Journal of Organometallic Chemistry, 2016, 823, 112-115.	0.8	5
58	Enzymatic degradation of poly(L-lactide) treated with supercritical carbon dioxide. Polymer Degradation and Stability, 2016, 134, 366-375.	2.7	2
59	Facile Synthesis of Novel Polyethylene-Based Block Copolymers Containing Poly(methyl Tj ETQq1 1 0.784314 rgBT /Over 227-231.	2.0	13
60	Structure-stereospecificity relationships of propylene polymerization using substituted ansa-silylene(fluorenyl)(amido) titanium complexes. Journal of Organometallic Chemistry, 2016, 804, 95-100.	0.8	7
61	Synthesis of stereodiblock polyisoprene consisting of <i>cis</i> -1,4 and <i>trans</i> -1,4 sequences by using a neodymium catalyst: change of the stereospecificity triggered by an aluminum compound. Polymer Chemistry, 2016, 7, 1239-1243.	1.9	30
62	The preparation of boron-containing aluminoxanes and their application as cocatalysts in the polymerization of olefins. Polymer Journal, 2016, 48, 67-71.	1.3	9
63	Stereospecific Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by Ruthenium and Osmium Complexes with Chelating Hetero-Donor Ligands. Kobunshi Ronbunshu, 2015, 72, 460-467.	0.2	1
64	Room-temperature Suzuki-Miyaura cross-coupling reaction with <i>trans</i> -diimine Pd(II) catalysts. Applied Organometallic Chemistry, 2015, 29, 771-776.	1.7	15
65	Synthesis of polystyrene-grafted cycloolefin copolymer. Polymer, 2015, 70, 252-256.	1.8	11
66	Pseudo-living copolymerization of norbornene and $\beta$ -alkenylborane - Synthesis of monodisperse functionalized cycloolefin copolymer. Polymer, 2015, 56, 218-222.	1.8	16
67	Ethylene-propylene copolymerization behavior of <i>ansa</i> -dimethylsilylene(fluorenyl)(amido)dimethyltitanium complex: Application to ethylene-propylene-diene or ethylene-propylene-norbornene terpolymers. Journal of Polymer Science Part A, 2015, 53, 685-691.	2.5	21
68	Highly soluble polynorbornene prepared by an anilinonaphthoquinone-ligated nickel complex via coordination-insertion polymerization. Journal of Organometallic Chemistry, 2015, 798, 384-387.	0.8	14
69	Synthesis of Aliphatic Polyesters via Ring-Opening Polymerization of Macrocyclic Oligoesters. Macromolecular Symposia, 2015, 350, 7-13.	0.4	2
70	Synthesis and application of <i>trans</i> -diimine Ni(II) and Pd(II) complexes with bulky steric groups to polymerization of ethylene and methyl methacrylate. Journal of Molecular Catalysis A, 2015, 398, 231-240.	4.8	28
71	Synthesis of biodegradable thermoplastic elastomers from $\epsilon$ -caprolactone and lactide. Journal of Polymer Science Part A, 2015, 53, 489-495.	2.5	44
72	Synthesis and Properties of Poly( $\mu$ -caprolactone)-based Poly(ester-urethane)s Having Quaternary Ammonium Groups. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2014, 93, 916-920.	0.2	4

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73	Coordination Polymerization (Styrene and Polar Vinyl Monomers)., 2014, , 1-7.		0
74	Synthesis of C1 symmetrical ansa-cyclopentadienylamidotitanium complexes and their application for living polymerization of propylene. Journal of Organometallic Chemistry, 2014, 770, 136-141.	0.8	5
75	Synthesis and thermal, mechanical, and optical properties of A <sup>n</sup> B <sup>m</sup> or A <sup>n</sup> B block copolymers containing poly(norbornene-co $\epsilon$ -octene). Journal of Polymer Science Part A, 2014, 52, 267-271.	2.5	20
76	New nickel(II) diimine complexes bearing phenyl and <i>sec</i> -phenethyl groups: synthesis, characterization and ethylene polymerization behaviour. Applied Organometallic Chemistry, 2014, 28, 477-483.	1.7	19
77	Heterogenization of an Anilinoanthraquinone-Chelated Nickel Complex for Ethylene Polymerization Using Silica-Supported Modified Methylaluminoxane. Macromolecular Chemistry and Physics, 2014, 215, 1792-1796.	1.1	18
78	Synthesis of a Multiblock Copolymer of <i>cis</i> -1,4-Polybutadiene and Poly(3-butene-1-ol). Macromolecular Chemistry and Physics, 2014, 215, 888-892.	1.1	4
79	Olefin Polymerization with Metallocene Catalysts. Lecture Notes in Quantum Chemistry II, 2014, , 1-49.	0.3	0
80	Supercritical Fluid Impregnation of Essential Bark Oil in Copolymers of L-Lactide with 7-Membered Cyclic Compounds. Journal of Biomaterials and Nanobiotechnology, 2014, 05, 159-172.	1.0	4
81	Coordination Polymerization (Olefin and Diene)., 2014, , 1-6.		0
82	Study on the Use of Supercritical Carbon Dioxide as a Solvent to Prepare Novel, Efficient Controlled-Release Materials. Kobunshi Ronbunshu, 2014, 71, 1-10.	0.2	0
83	Synthesis and Properties of Polylactide-based Poly(ester-urethane)s with Ionic Groups. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2014, 93, 921-925.	0.2	0
84	Precise Synthesis of Cycloolefin Copolymer Using ansa-Silylene(fluorenyl)(amido)dimethyltitanium Complex as a Catalyst. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2014, 72, 118-125.	0.0	0
85	Facile Synthesis of Hydroxy-Functionalized Cycloolefin Copolymer Using $\eta^5$ -Alkenylaluminum as a Comonomer. Macromolecular Chemistry and Physics, 2013, 214, 2239-2244.	1.1	17
86	Copolymerization of ethylene/1-hexene with zirconocene/MAO catalyst supported on spherical zirconia modified with BCl <sub>3</sub> , SiCl <sub>4</sub> , and glycerol. Polymer Bulletin, 2013, 70, 1753-1768.	1.7	2
87	Precise synthesis of olefin block copolymers using a syndiospecific living polymerization system. Chinese Journal of Polymer Science (English Edition), 2013, 31, 541-549.	2.0	9
88	Modification effect of spherical zirconia with SiCl <sub>4</sub> as a support of methylaluminoxane for heterogeneous single-site catalyst. European Polymer Journal, 2013, 49, 4195-4200.	2.6	0
89	Copolymerization of ethylene with 1,1-disubstituted olefins catalyzed by <i>ansa</i> -(fluorenyl)(cyclo-dodecylamido)dimethyltitanium complexes. Journal of Polymer Science Part A, 2013, 51, 1223-1229.	2.5	23
90	Synthesis of high-molecular weight block copolymers of norbornene and propylene with methyl methacrylate initiated by a fluorenylamido titanium complex. Polymer Chemistry, 2013, 4, 3974.	1.9	11

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91	Synthesis and properties of cationic ionomers from poly(ester-urethane)s based on polylactide. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4423-4428.	2.5	20
92	Copolymerization of Ethylene and 1-hexene with <i>Ansa</i> -Dimethylsilylene(fluorenyl) ( <i>t</i> -butylamido)Dimethyltitanium Complexes Activated by Modified Methylaluminoxane. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2584-2590.	1.1	2
93	Copolymerization of norbornene with $\eta^5$ -alkenylaluminum as a precursor comonomer for introduction of carbonyl moieties. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5085-5090.	2.5	13
94	Trialkylaluminum-Free Modified Methylaluminoxane as a Cocatalyst for Living Polymerization of Olefins. <i>Advances in Polymer Science</i> , 2013, , 143-161.	0.4	2
95	Synthesis and Characterization of Polyesters by Polycondensation of Itaconic Acid and Isosorbide. <i>Kobunshi Ronbunshu</i> , 2013, 70, 559-564.	0.2	1
96	Synthesis of Biodegradable Thermoplastic Elastomers. <i>Nippon Gomu Kyokaishi</i> , 2012, 85, 229-233.	0.0	0
97	2-(1-(Arylimino)ethyl)-8-arylimino-5,6,7-trihydroquinolylcobalt dichloride: Synthesis and polyethylene wax formation. <i>Applied Catalysis A: General</i> , 2012, 447-448, 67-73.	2.2	76
98	Effect of Ga- and BCl <sub>3</sub> -modified silica-supported [t-BuNSiMe <sub>2</sub> (2,7-t-Bu <sub>2</sub> Flu)]TiMe <sub>2</sub> /MAO catalyst on ethylene/1-hexene copolymerization. <i>European Polymer Journal</i> , 2012, 48, 1304-1312.	2.6	5
99	Incorporation of l-lactide random copolymers with Japanese cypress oil ( $\alpha$ -pinene) using supercritical carbon dioxide. <i>Green Chemistry</i> , 2012, 14, 1211.	4.6	12
100	Synthesis and Emission Behavior of Liquid-Crystalline Main-Chain Polyesters Containing Carbazole and Oxadiazole Moieties. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 563, 92-100.	0.4	2
101	2-[1-(2,6-Dibenzhydryl-4-chlorophenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridyliron(II) dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Polymer</i> , 2012, 53, 1870-1880.	1.8	93
102	The Influence of t-Butyl and Cyclododecyl Substitution on Ethylene/1-Hexene Copolymerization Using Ansa-Fluorenylamidodimethyltitanium Derivatives. <i>Molecules</i> , 2011, 16, 4122-4130.	1.7	2
103	Polymerization of Ethylene and Styrene by Using Half Titanocene Complexes Bearing Pyridinethiolate Ligands. <i>Kobunshi Ronbunshu</i> , 2011, 68, 457-463.	0.2	0
104	Effect of Cyclopentadienyl Ligands in Propylene Polymerization with ansa-Monocyclopentadienylamidodimethyltitanium Complexes. <i>Kobunshi Ronbunshu</i> , 2011, 68, 341-344.	0.2	1
105	Living polymerization of olefins with ansa-dimethylsilylene(fluorenyl)(amido)dimethyltitanium-based catalysts. <i>Polymer Journal</i> , 2011, 43, 331-351.	1.3	50
106	Highly thermostable and low birefringent norbornene-styrene copolymers with advanced optical properties: A potential plastic substrate for flexible displays. <i>Journal of Polymer Science Part A</i> , 2011, 49, 65-71.	2.5	28
107	Highly <i>trans</i> -specific polymerization of 1,3-butadiene catalyzed by [2,6-bis(4-isopropyl-oxazolyl)pyridine] chromium complex activated with modified methylaluminoxane. <i>Polymer International</i> , 2011, 60, 692-697.	1.6	23
108	Impregnation of poly(lactide-ran-cyclic carbonate) copolymers with useful compounds with supercritical carbon dioxide. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1431-1441.	1.3	12



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109	High activity of rare earth tetrahydroborates for ring-opening polymerization of $\epsilon$ -pentadecalactone. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2098-2103.	1.3	36
110	Synthesis of stereoblock polypropylene by change of temperature in living polymerization. <i>Macromolecular Research</i> , 2010, 18, 737-741.	1.0	13
111	Efficient Molecular Weight Control with Trialkylaluminum in Ethylene/Norbornene Copolymerization by [Ph <sub>2</sub> C(Flu)(3-MeCp)]ZrCl <sub>2</sub> /Methylaluminoxane Catalyst. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2132-2137.	1.1	4
112	Additive effects of alkylaluminum compounds on propylene-1,3-butadiene copolymerization using isospecific zirconocene catalysts. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1694-1699.	0.8	9
113	Highly Active Living Random Copolymerization of Norbornene and 1-Alkene with <i>ansa</i> -Fluorenylamidodimethyltitanium Derivative: Substituent Effects on Fluorenyl Ligand. <i>Macromolecules</i> , 2010, 43, 4527-4531.	2.2	61
114	Highly Active Syndiospecific Living Polymerization of Higher 1-Alkene with <i>ansa</i> -Fluorenylamidodimethyltitanium Complex. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1812-1816.	2.0	20
115	A Highly Active Catalyst Composed of <i>ansa</i> -Fluorenylamidodimethyltitanium Derivative for Propene Polymerization. <i>Topics in Catalysis</i> , 2009, 52, 675-680.	1.3	15
116	Ring-opening polymerization of six-membered cyclic esters catalyzed by tetrahydroborate complexes of rare earth metals. <i>Polymer</i> , 2009, 50, 4788-4793.	1.8	41
117	Synthesis of Regioblock Polybutadiene with CoCl <sub>2</sub> -Based Catalyst via Reversible Coordination of Lewis Base. <i>Macromolecules</i> , 2009, 42, 7642-7643.	2.2	40
118	Ring-opening metathesis polymerization of norbornene catalyzed by tantalum and niobium complexes with chelating O-donor ligands. <i>Polymer International</i> , 2008, 57, 950-956.	1.6	14
119	Precise control of microstructure of functionalized polypropylene synthesized by the <i>ansa</i> -zirconocene/MAO catalysts. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1738-1748.	2.5	33
120	Synthesis, characterization, and thermal properties of ring-opening metathesis polynorbornenes and their hydrogenated derivatives bearing various ester and cyano groups. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3314-3325.	2.5	29
121	A new approach for controlling birefringent property of cyclic olefin copolymers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7395-7400.	2.5	13
122	Catalytic Synthesis of a Monodisperse Olefin Block Copolymer Using a Living Polymerization System. <i>Macromolecular Rapid Communications</i> , 2008, 29, 525-529.	2.0	17
123	Synthesis of poly(ester-urethane)s from hydroxytelechelic polylactide: Effect of initiators on their physical and degradation properties. <i>Polymer Degradation and Stability</i> , 2008, 93, 117-124.	2.7	12
124	Facile Synthesis of Tailor-Made Stereoblock Polypropylenes via Successive Variation of Monomer Pressure. <i>Macromolecules</i> , 2008, 41, 6596-6598.	2.2	17
125	Random Copolymerization of Norbornene with Higher 1-Alkene with <i>ansa</i> -Fluorenylamidodimethyltitanium Catalyst. <i>Macromolecules</i> , 2008, 41, 8292-8294.	2.2	66
126	SUBSTITUENT EFFECTS OF <i>tert</i> -BUTYL GROUPS ON FLUORENYL LIGAND OF [t-BuNSiMe <sub>2</sub> Flu] ZrMe <sub>2</sub> . <i>Chinese Journal of Polymer Science (English Edition)</i> , 2008, 26, 575.	2.0	1



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128	Living Polymerization of Hydrocarbon Monomers with Titanium-Based Catalysts. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2008, 66, 664-672.	0.0	4
129	Stereospecific Living Polymerization of Hydrocarbon Monomers. <i>Kobunshi Ronbunshu</i> , 2007, 64, 77-89.	0.2	3
130	Effect of Cocatalysts on the Catalytic Activities of Tantalum- and Niobium-Based Catalysts for Ring-Opening Metathesis Polymerization of Norbornene. <i>Macromolecular Rapid Communications</i> , 2007, 28, 646-650.	2.0	16
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132	Synthesis and characterization of norbornene-ethylene-styrene terpolymers with a substitutedansa-fluorenylamidodimethyltitanium-based catalyst. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2765-2773.	2.5	19
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