

Yuushou Nakayama

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104
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105
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ext. citations

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L-index

#	Paper	IF	Citations
104	Polymerizations of Cyclic Esters Catalyzed by Titanium Complexes Having Chalcogen-Bridged Chelating Diaryloxo Ligands. <i>Macromolecules</i> , 2002 , 35, 7538-7544	5.5	133
103	Stereospecific Polymerizations of Conjugated Dienes by Single Site Iron Complexes Having Chelating N,N,N-Donor Ligands. <i>Macromolecules</i> , 2003 , 36, 7953-7958	5.5	120
102	Developments of rare earth metal catalysts for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 4489-4498	2.3	95
101	Bis(amido)titanium complexes having chelating diaryloxo ligands bridged by sulfur or methylene and their catalytic behaviors for ring-opening polymerization of cyclic esters. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 612-619	2.3	70
100	Cationic iron-catalyzed intramolecular hydroalkoxylation of unactivated olefins. <i>Tetrahedron Letters</i> , 2007 , 48, 3259-3261	2	65
99	Highly Active Living Random Copolymerization of Norbornene and 1-Alkene with ansa-Fluorenylamidodimethyltitanium Derivative: Substituent Effects on Fluorenyl Ligand. <i>Macromolecules</i> , 2010 , 43, 4527-4531	5.5	56
98	Living Random Copolymerization of Propylene and Norbornene with ansa-Fluorenylamidodimethyltitanium Complex: Synthesis of Novel Syndiotactic Polypropylene-b-poly(propylene-ran-norbornene). <i>Macromolecules</i> , 2006 , 39, 2031-2033	5.5	55
97	Stereospecific Ring-Opening Metathesis Polymerization of Cycloolefins Using Novel Molybdenum and Tungsten Complexes Having Biphenolate Ligands. Development of Crystalline Hydrogenated Poly(endo-dicyclopentadiene) and Poly(norbornene). <i>Macromolecules</i> , 2003 , 36, 7422-7431	5.5	51
96	Comparative Reactivity of Exo- and Endo-Isomers in the Ru-Initiated Ring-Opening Metathesis Polymerization of Doubly Functionalized Norbornenes with Both Cyano and Ester Groups. <i>Macromolecules</i> , 2006 , 39, 7458-7460	5.5	46
95	Controlled vinyl-addition-type polymerization of norbornene initiated by several cobalt complexes having substituted terpyridine ligands. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 744-750	2.3	45
94	Isospecific polymerizations of alkyl methacrylates with a bis(alkyl)Yb complex and formation of stereocomplexes with syndiotactic poly(alkyl methacrylate)s. <i>Tetrahedron</i> , 2003 , 59, 10409-10418	2.4	43
93	Unique catalytic behavior of chromium complexes having halogenated bis(imino)pyridine ligands for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 3368-3375	2.5	43
92	Synthesis of multiblock poly(l-lactide)-co-poly(ε-caprolactone) from hydroxy-telechelic prepolymers prepared by using neodymium tetrahydroborate. <i>Reactive and Functional Polymers</i> , 2007 , 67, 798-806	4.6	42
91	Ring-opening polymerization of six-membered cyclic esters catalyzed by tetrahydroborate complexes of rare earth metals. <i>Polymer</i> , 2009 , 50, 4788-4793	3.9	40
90	Syntheses of bis- and tetra(trimethylsilyl) substituted lanthanocene methyl complexes and their catalyses for polymerizations of methyl methacrylate, ε-caprolactone and l-lactide. <i>Journal of Organometallic Chemistry</i> , 2003 , 667, 42-52	2.3	35
89	High activity of rare earth tetrahydroborates for ring-opening polymerization of ε-pentadecalactone. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 2098-2103	2.9	34
88	Synthesis of biodegradable thermoplastic elastomers from ε-caprolactone and lactide. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 489-495	2.5	33

87	Synthesis of Regioblock Polybutadiene with CoCl ₂ -Based Catalyst via Reversible Coordination of Lewis Base. <i>Macromolecules</i> , 2009 , 42, 7642-7643	5.5	33
86	Synthesis of anilinonaphthoquinone-based nickel complexes and their application for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5183-5189	2.3	33
85	Synthesis of Highly Branched Polyolefins Using Phenyl Substituted β -Diimine Ni(II) Catalysts. <i>Polymers</i> , 2016 , 8,	4.5	30
84	Synthesis of Uniquely Branched Polyethylene by Anilinonaphthoquinone Ligated Nickel Complex Activated with Tris(pentafluorophenyl)borane. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1418-1423	4.8	29
83	Comparison of Sm complexes with Sn compounds for syntheses of copolymers composed of lactide and cyclic carbonates and their biodegradabilities. <i>Reactive and Functional Polymers</i> , 2005 , 63, 95-105	4.6	29
82	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	28
81	Synthesis of stereodiblock polyisoprene consisting of cis-1,4 and trans-1,4 sequences by using a neodymium catalyst: change of the stereospecificity triggered by an aluminum compound. <i>Polymer Chemistry</i> , 2016 , 7, 1239-1243	4.9	24
80	Synthesis and application of β -diimine Ni(II) and Pd(II) complexes with bulky steric groups to polymerization of ethylene and methyl methacrylate. <i>Journal of Molecular Catalysis A</i> , 2015 , 398, 231-240		23
79	Synthesis of pentavalent imidovanadium complexes and their catalyses for the polymerization of ethylene and propylene. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 1008-1015	2.9	23
78	Characteristics of the biodegradability and physical properties of stereocomplexes between poly(L-lactide) and poly(D-lactide) copolymers. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 438-454	2.5	23
77	An Alternative Method for the Preparation of Trialkylaluminum-Depleted Modified Methylaluminoxane (dMMAO). <i>Macromolecules</i> , 2017 , 50, 5989-5993	5.5	22
76	Highly trans-1,4-specific polymerization of 1,3-butadiene catalyzed by [2,6-bis((4S)- β -isopropyl-2-oxazolin-2-yl)pyridine] chromium complex activated with modified methylaluminoxane. <i>Polymer International</i> , 2011 , 60, 692-697	3.3	22
75	Precision Chain-Walking Polymerization of trans-4-Octene Catalyzed by β -Diimine Nickel(II) Catalysts Bearing ortho-sec-Phenethyl Groups. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1375-81	4.8	22
74	Homopolymerizations and random copolymerizations of olefins with amino-substituted cyclopentadienylchromium complexes. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 2759-2771	2.5	21
73	Facile Syntheses of Bis[1-(arylimino)ethyl]pyridine/MoCl ₃ /MMAO Catalytic Systems and Their Dual Catalytic Functions for ROMP of Norbornene and Linear Polymerization of Ethylene. <i>Macromolecules</i> , 2003 , 36, 7916-7922	5.5	21
72	Chain-Walking Polymerization of Linear Internal Octenes Catalyzed by β -Diimine Nickel Complexes. <i>Organometallics</i> , 2018 , 37, 1358-1367	3.8	20
71	Living polymerization of higher 2-alkene with β -diimine nickel catalysts: Synthesis and characterization of high molecular weight poly(2-alkene)s. <i>Polymer</i> , 2017 , 127, 88-100	3.9	20
70	Copolymerization of ethylene with 1,1-disubstituted olefins catalyzed by ansa-(fluorenyl)(cyclododecylamido)dimethyltitanium complexes. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 1223-1229	2.5	19

69	Ethylene-propylene copolymerization behavior of ansa-dimethylsilylene(fluorenyl)(amido)dimethyltitanium complex: Application to ethylene-propylene-diene or ethylene-propylene-norbornene terpolymers. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 685-691	2.5	19
68	Synthesis and thermal, mechanical, and optical properties of ABA or AB block copolymers containing poly(norbornene-co-1-octene). <i>Journal of Polymer Science Part A</i> , 2014 , 52, 267-271	2.5	18
67	Highly Active Syndiospecific Living Polymerization of Higher 1-Alkene with ansa-Fluorenylamidodimethyltitanium Complex. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1812-1818	4.8	18
66	New nickel(II) diimine complexes bearing phenyl and sec-phenethyl groups: synthesis, characterization and ethylene polymerization behaviour. <i>Applied Organometallic Chemistry</i> , 2014 , 28, 477-483	3.1	16
65	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	16
64	Facile Synthesis of Tailor-Made Stereoblock Polypropylenes via Successive Variation of Monomer Pressure. <i>Macromolecules</i> , 2008 , 41, 6596-6598	5.5	16
63	Pseudo-living copolymerization of norbornene and α -alkenylborane. Synthesis of monodisperse functionalized cycloolefin copolymer. <i>Polymer</i> , 2015 , 56, 218-222	3.9	15
62	Highly Active Copolymerization of Ethylene and Dicyclopentadiene with $[(\eta\text{-}t\text{-BuN})\text{SiMe}_2(\eta\text{-C}_2\text{H}_3\text{C}_6\text{H}_3)]\text{TiMe}_2(\text{THF})$ Complex. <i>Chemistry Letters</i> , 2008 , 37, 590-591	1.7	15
61	Living Ring-Opening Metathesis Polymerization of Exo-Norbornenes Bearing Both Cyano and Ester Functionalities by a Well-Defined Ruthenium Catalyst. <i>Polymer Journal</i> , 2007 , 39, 318-329	2.7	15
60	Comparison of Sm complexes with Sn compounds for syntheses of copolymers composed of lactide and ϵ -caprolactone and their biodegradabilities. <i>Reactive and Functional Polymers</i> , 2004 , 61, 277-292	4.6	15
59	Room-temperature Suzuki-Miyaura cross-coupling reaction with β -diimine Pd(II) catalysts. <i>Applied Organometallic Chemistry</i> , 2015 , 29, 771-776	3.1	14
58	Controlled ring-opening polymerization of L-lactide and ϵ -caprolactone catalyzed by aluminum-based Lewis pairs or Lewis acid alone. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 297-303	2.5	13
57	A Highly Active Catalyst Composed of ansa-Fluorenylamidodimethyltitanium Derivative for Propene Polymerization. <i>Topics in Catalysis</i> , 2009 , 52, 675-680	2.3	13
56	Synthesis of stereoblock polypropylene by change of temperature in living polymerization. <i>Macromolecular Research</i> , 2010 , 18, 737-741	1.9	13
55	Highly soluble polynorbornene prepared by an anilinonaphthoquinone-ligated nickel complex via coordination-insertion polymerization. <i>Journal of Organometallic Chemistry</i> , 2015 , 798, 384-387	2.3	12
54	Reversible star assembly of polyolefins using interconversion between boroxine and boronic acid. <i>Polymer Chemistry</i> , 2018 , 9, 3774-3779	4.9	12
53	Heterogenization of an Anilinonaphthoquinone-Chelated Nickel Complex for Ethylene Polymerization Using Silica-Supported Modified Methylaluminoxane. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1792-1796	2.6	12
52	Incorporation of L-lactide random copolymers with Japanese cypress oil (α -pinene) using supercritical carbon dioxide. <i>Green Chemistry</i> , 2012 , 14, 1211	10	12

51	Copolymerization of norbornene with α -alkenylaluminum as a precursor comonomer for introduction of carbonyl moieties. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 5085-5090	2.5	12
50	Impregnation of poly(L-lactide-ran-cyclic carbonate) copolymers with useful compounds with supercritical carbon dioxide. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 1431-1441	2.9	12
49	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	4.8	12
48	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	3.3	12
47	Catalytic Synthesis of a Monodisperse Olefin Block Copolymer Using a Living Polymerization System. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 525-529	4.8	12
46	Synthesis of crystallizable syndiotactic-atactic stereoblock polypropylene using a living polymerization system. <i>Kinetics and Catalysis</i> , 2006 , 47, 274-277	1.5	12
45	Synthesis and Properties of Gradient Copolymers Composed of Norbornene and Higher α -Olefins Using an ansa-Fluorenylamidodimethyltitanium-[Ph ₃ C][B(C ₆ F ₅) ₄] Catalyst System. <i>Macromolecules</i> , 2020 , 53, 4323-4329	5.5	11
44	Copolymerization of Norbornene and Styrene with Anilinonaphthoquinone-Ligated Nickel Complexes. <i>Polymers</i> , 2019 , 11,	4.5	11
43	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	4.7	11
42	Synthesis and Biodegradation of Poly(l-lactide-co- ϵ -propiolactone). <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	10
41	Synthesis of high-molecular weight block copolymers of norbornene and propylene with methyl methacrylate initiated by a fluorenylamido titanium complex. <i>Polymer Chemistry</i> , 2013 , 4, 3974	4.9	10
40	Synthesis of polystyrene-grafted cycloolefin copolymer. <i>Polymer</i> , 2015 , 70, 252-256	3.9	9
39	Syntheses of group 4 transition metal complexes bearing 2-pyridinethiolate ligands and their catalytic activities for ethylene polymerization. <i>Polymer</i> , 2006 , 47, 5762-5774	3.9	9
38	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	3.9	8
37	The preparation of boron-containing aluminoxanes and their application as cocatalysts in the polymerization of olefins. <i>Polymer Journal</i> , 2016 , 48, 67-71	2.7	7
36	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	7
35	Structure-stereospecificity relationships of propylene polymerization using substituted ansa-silylene(fluorenyl)(amido) titanium complexes. <i>Journal of Organometallic Chemistry</i> , 2016 , 804, 95-100	2.3	7
34	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	4.7	7

33	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	4.7	7
32	Synthesis of Stereodiblock Polybutadiene Using Cp*Nd(BH ₄) ₂ (thf) ₂ as a Catalyst. <i>Catalysts</i> , 2017 , 7, 2844		6
31	Developments of chiral metallocenes as polymerization catalysts. <i>Molecules</i> , 2005 , 10, 620-33	4.8	6
30	Copolymerization of norbornene and conjugated dienes using anilinonaphthoquinone-ligated nickel complexes. <i>Polymer</i> , 2020 , 187, 122094	3.9	6
29	Preparation of Methylaluminoxane from CO ₂ and Me ₃ Al. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2392-2395	2.3	5
28	Stereospecific polymerization of conjugated dienes using neodymium alkylborohydride complexes. <i>Dalton Transactions</i> , 2019 , 48, 7267-7273	4.3	5
27	Coordination-Insertion Copolymerization of Norbornene and p-Substituted Styrenes Using Anilinonaphthoquinone-Ligated Nickel Complexes. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900494	2.6	5
26	Synthesis of C1 symmetrical ansa-cyclopentadienylamidotitanium complexes and their application for living polymerization of propylene. <i>Journal of Organometallic Chemistry</i> , 2014 , 770, 136-141	2.3	5
25	Activity of samarocene catalysts adsorbed on mesoporous silicates for the polymerization of methyl methacrylate. <i>Polymer International</i> , 2004 , 53, 1682-1685	3.3	5
24	Norbornadiene homopolymerization and norbornene/norbornadiene/1-octene terpolymerization by ansa-fluorenylamidotitanium-based catalysts. <i>Polymer Chemistry</i> , 2020 , 11, 6803-6810	4.9	5
23	Synthesis and properties of block copolymers composed of norbornene/higher olefin gradient segments using ansa-fluorenylamidodimethyltitanium-[Ph ₃ C][B(C ₆ F ₅) ₄] catalyst system. <i>Polymer Chemistry</i> , 2021 , 12, 189-195	4.9	5
22	Synthesis of a Multiblock Copolymer of cis-1,4-Polybutadiene and Poly(3-buten-1-ol). <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 888-892	2.6	4
21	Efficient Molecular Weight Control with Trialkylaluminum in Ethylene/Norbornene Copolymerization by [Ph ₂ C(Flu)(3-MeCp)]ZrCl ₂ /Methylaluminoxane Catalyst. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2132-2137	2.6	4
20	Synthesis, structure, and olefin polymerization catalysis of a novel vanadium(III) 1,1'-bi-2-naphtholate complex. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1659-1662	2.9	4
19	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	4.7	4
18	Effects of supercritical carbon dioxide treatment on the morphology of poly(L-lactide). <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	4
17	Theoretical investigation of the mechanism of syndiospecific propylene polymerization using ansa-dimethylsilylene(fluorenyl)(amido)titanium complexes. <i>Journal of Organometallic Chemistry</i> , 2016 , 823, 112-115	2.3	4
16	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	2.4	3

15	Impregnation of poly(L-lactide-ran-β-valerolactone) with essential bark oil using supercritical carbon dioxide. <i>Scientific Reports</i> , 2019 , 9, 16326	4.9	3
14	Effect of Ancillary Ligands as a Part of Counteranion in Neodymium-Catalyzed Isoprene Polymerization. <i>Organometallics</i> , 2020 , 39, 1855-1860	3.8	3
13	Neutral, Noncoordinating, and Hydrocarbon-Soluble Protic Cocatalyst for Olefin Polymerization. <i>ACS Catalysis</i> , 2021 , 11, 865-870	13.1	3
12	Synthesis of thermoplastic elastomers with high biodegradability in seawater. <i>Polymer Degradation and Stability</i> , 2021 , 184, 109467	4.7	3
11	Synthesis of Aliphatic Polyesters via Ring-Opening Polymerization of Macrocyclic Oligoesters. <i>Macromolecular Symposia</i> , 2015 , 350, 7-13	0.8	2
10	Enzymatic degradation of poly(L-lactide) treated with supercritical carbon dioxide. <i>Polymer Degradation and Stability</i> , 2016 , 134, 366-375	4.7	2
9	Incorporation of Boronic Acid Functionality into Isotactic Polypropylene and Its Application as a Cross-Linking Point. <i>Macromolecules</i> , 2021 , 54, 1267-1272	5.5	2
8	Cis-1,4 Specific Polymerization of 1,3-Butadiene Using PNP-pincer Ligated Iron(II) Complexes. <i>Chemistry Letters</i> , 2019 , 48, 525-528	1.7	1
7	Synthesis, Properties, and Biodegradation of Sequential Poly(Ester Amide)s Containing β-Aminobutyric Acid. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
6	Stereospecific Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by Ruthenium and Osmium Complexes with Chelating Hetero-Donor Ligands. <i>Kobunshi Ronbunshu</i> , 2015 , 72, 460-467	0	1
5	Effect of Added Phenols and Silanol on the Cocatalyst Activity of Methylaluminoxane. <i>Kobunshi Ronbunshu</i> , 2018 , 75, 551-556	0	1
4	Synthesis, Properties, and Biodegradability of Thermoplastic Elastomers Made from 2-Methyl-1,3-propanediol, Glutaric Acid and Lactide. <i>Life</i> , 2021 , 11,	3	1
3	Synthesis and Properties of Stereoblock Copolymers Composed of Lactide and ε-Caprolactone. <i>Kobunshi Ronbunshu</i> , 2019 , 76, 61-67	0	
2	Changes in the morphology of poly(L-lactide-ran-β-valerolactone) following supercritical carbon dioxide processing. <i>Polymer Crystallization</i> , 2019 , 2, e10070	0.9	
1	Synthesis of ansa-Fluorenylamidotitanium(tetrahydrofuran) Complex and Its Catalytic Ability for Polymerization of Olefins. <i>Kobunshi Ronbunshu</i> , 2018 , 75, 564-569	0	