Kotohiro Nomura

List of Publications by Year
in descending order

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297 papers	9,874 citations	29994 54 h-index	64668 79 g-index
307 all docs	307 docs citations	307 times ranked	3545 citing authors

#	Article	IF	Citations
1	Design of Vanadium Complex Catalysts for Precise Olefin Polymerization. Chemical Reviews, 2011, 111, 2342-2362.	23.0	265
2	Synthesis of Various Nonbridged Titanium(IV) Cyclopentadienylâ^'Aryloxy Complexes of the Type CpTi(OAr)X2and Their Use in the Catalysis of Alkene Polymerization. Important Roles of Substituents on both Aryloxy and Cyclopentadienyl Groups. Organometallics, 1998, 17, 2152-2154.	1.1	212
3	Nonbridged half-metallocenes containing anionic ancillary donor ligands: New promising candidates as catalysts for precise olefin polymerization. Journal of Molecular Catalysis A, 2007, 267, 1-29.	4.8	195
4	Olefin Polymerization by (Cyclopentadienyl)(aryloxy)titanium(IV) Complexesâ^'Cocatalyst Systems. Macromolecules, 1998, 31, 7588-7597.	2.2	193
5	Precise synthesis of polymers containing functional end groups by living ring-opening metathesis polymerization (ROMP): Efficient tools for synthesis of block/graft copolymers. Polymer, 2010, 51, 1861-1881.	1.8	144
6	Half-titanocenes containing anionic ancillary donor ligands as promising new catalysts for precise olefin polymerisation. Dalton Transactions, 2009, , 8811.	1.6	138
7	Remarkable Effects of Aluminum Cocatalyst and Comonomer in Ethylene Copolymerizations Catalyzed by (Arylimido)(aryloxo)vanadium Complexes:Â Efficient Synthesis of High Molecular Weight Ethylene/Norbornene Copolymer. Macromolecules, 2005, 38, 5905-5913.	2.2	127
8	Ethylene/Styrene Copolymerization by Various (Cyclopentadienyl)(aryloxy)titanium(IV) Complexesâ^'MAO Catalyst Systems. Macromolecules, 2002, 35, 5388-5395.	2.2	124
9	Olefin Polymerization and Ring-Opening Metathesis Polymerization of Norbornene by (Arylimido)(aryloxo)vanadium(V) Complexes of the Type VX2(NAr)(OArâ€¯). Remarkable Effect of Aluminum Cocatalyst for the Coordination and Insertion and Ring-Opening Metathesis Polymerization. Macromolecules, 2002, 35, 1583-1590.	2.2	123
10	Preparation of â€œSugar-Coatedâ€•Homopolymers and Multiblock ROMP Copolymers. Macromolecules, 1996, 29, 540-545.	2.2	119
11	Syndiospecific Styrene Polymerization and Efficient Ethylene/Styrene Copolymerization Catalyzed by (Cyclopentadienyl)(aryloxy)titanium(IV) Complexesâ^'MAO System. Macromolecules, 2000, 33, 8122-8124.	2.2	118
12	Transition metal catalyzed hydrogenation or reduction in water. Journal of Molecular Catalysis A, 1998, 130, 1-28.	4.8	117
13	Synthesis of Poly(macromonomer)s by Repeating Ring-Opening Metathesis Polymerization (ROMP) with Mo(CHCMe2Ph)(NAr)(OR)2 Initiators. Macromolecules, 2001, 34, 4712-4723.	2.2	116
14	Copolymerization of Ethylene with Cyclohexene (CHE) Catalyzed byNonbridgedHalf-Titanocenes Containing Aryloxo Ligand:Â Notable Effect of Both Cyclopentadienyl and Anionic Donor Ligand for Efficient CHE Incorporation. Journal of the American Chemical Society, 2005, 127, 4582-4583.	6.6	115
15	Efficient Ethylene/Norbornene Copolymerization by (Aryloxo)(indenyl)titanium(IV) Complexesâ^'MAO Catalyst System. Macromolecules, 2003, 36, 3797-3799.	2.2	112
16	A Vanadium(V) Alkylidene Complex Exhibiting Remarkable Catalytic Activity for Ring-Opening Metathesis Polymerization (ROMP). Organometallics, 2005, 24, 2248-2250.	1.1	109
17	Notable Effect of Fluoro Substituents in the Imino Group in Ring-Opening Polymerization of Îµ-Caprolactone by Al Complexes Containing Phenoxyimine Ligands. Organometallics, 2009, 28, 2179-2187.	1.1	106
18	Olefin metathesis polymerization: Some recent developments in the precise polymerizations for synthesis of advanced materials (by ROMP, ADMET). Tetrahedron, 2018, 74, 619-643.	1.0	106

#	Article	IF	Citations
19	Half-titanocenes for precise olefin polymerisation: effects of ligand substituents and some mechanistic aspects. Dalton Transactions, 2011, 40, 7666.	1.6	104
20	Living Copolymerization of Ethylene with Styrene Catalyzed by (Cyclopentadienyl)(ketimide)titanium(IV) Complexâ˜'MAO Catalyst System. Journal of the American Chemical Society, 2005, 127, 9364-9365.	6.6	98
21	Effect of the Cyclopentadienyl Fragment on Monomer Reactivities and Monomer Sequence Distributions in Ethylene/Î±-Olefin Copolymerization by a Nonbridged (Cyclopentadienyl)(aryloxy)titanium(IV) Complexâ˜'MAO Catalyst System. Macromolecules, 2000, 33, 3187-3189.	2.2	96
22	Notable Effects of Aluminum Alkyls and Solvents for Highly Efficient Ethylene (Co)polymerizations Catalyzed by (Arylimido)- (aryloxo)vanadium Complexes. Advanced Synthesis and Catalysis, 2006, 348, 743-750.	2.1	95
23	Olefin polymerization by (cyclopentadienyl)(ketimide)titanium(IV) complexes of the type, Cpâ€²TiCl2(N˜...CtBu2)-methylaluminoxane (MAO) catalyst systems. Journal of Molecular Catalysis A, 2004, 220, 133-144.	4.8	93
24	Ethylene/Î±-olefin copolymerization by various nonbridged (cyclopentadienyl)(aryloxy)titanium(IV) complexes â€" MAO catalyst system. Journal of Molecular Catalysis A, 2001, 174, 127-140.	4.8	92
25	Ring-opening polymerization of various cyclic esters by Al complex catalysts containing a series of phenoxy-imine ligands: Effect of the imino substituents for the catalytic activity. Journal of Molecular Catalysis A, 2008, 292, 67-75.	4.8	88
26	Notable norbornene (NBE) incorporation in ethyleneâ€"NBE copolymerization catalysed by nonbridged half-titanocenes: better correlation between NBE incorporation and coordination energy. Chemical Communications, 2006, , 2659-2661.	2.2	83
27	n-Alkene and dihydrogen formation from n-alkanes by photocatalysis using carbonyl(chloro)phosphineâ€"rhodium complexes. Journal of the Chemical Society Chemical Communications, 1988, .	2.0	80
28	Synthesis of Al complexes containing phenoxy-imine ligands and their use as the catalyst precursors for efficient living ring-opening polymerisation of Îµ-caprolactone. Dalton Transactions, 2008, , 3978.	1.6	78
29	Facile, Efficient Functionalization of Polyolefins via Controlled Incorporation of Terminal Olefins by Repeated 1,7-Octadiene Insertion. Journal of the American Chemical Society, 2007, 129, 14170-14171.	6.6	77
30	(Imido)vanadium(v)-alkyl, -alkylidene complexes exhibiting unique reactivity towards olefins and alcohols. Chemical Science, 2010, 1, 161.	3.7	77
31	Facile Synthesis of (Imido)vanadium(V)â˜'Alkyl, Alkylidene Complexes Containing an N-Heterocyclic Carbene Ligand from Their Trialkyl Analogues. Organometallics, 2008, 27, 6400-6402.	1.1	73
32	Highly Efficient Dimerization of Ethylene by (Imido)vanadium Complexes Containing (2-Anilidomethyl)pyridine Ligands: Notable Ligand Effect toward Activity and Selectivity. Journal of the American Chemical Society, 2010, 132, 4960-4965.	6.6	73
33	Efficient Incorporation of 2-Methyl-1-pentene in Copolymerization of Ethylene with 2-Methyl-1-pentene Catalyzed by Nonbridged Half-Titanocenes. Macromolecules, 2005, 38, 2053-2055.	2.2	70
34	Synthesis and Structural Analysis of (Arylimido)vanadium(V) Complexes Containing Phenoxyimine Ligands: New, Efficient Catalyst Precursors for Ethylene Polymerization. Organometallics, 2008, 27, 2590-2596.	1.1	70
35	Synthesis and characterization of organoaluminum compounds containing quinolin-8-amine derivatives and their catalytic behaviour for ring-opening polymerization of Îµ-caprolactone. Dalton Transactions, 2009, , 9000.	1.6	69
36	Synthesis of high molecular weighttrans-poly(9,9-di-n-octylfluorene-2,7-vinylene) by the acyclic diene metathesis polymerization using molybdenum catalysts. Journal of Polymer Science Part A, 2001, 39, 2463-2470.	2.5	68

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37	(Arylimido)vanadium(V)â€“Alkylidene Complexes Containing Fluorinated Aryloxo and Alkoxo Ligands for Fast Living Ring-Opening Metathesis Polymerization (ROMP) and Highly Cis-Specific ROMP. Journal of the American Chemical Society, 2015, 137, 4662-4665.	6.6	68
38	Ring-Opening Metathesis Polymerization of Cyclic Olefins by (Arylimido)vanadium(V)-Alkylidenes: Highly Active, Thermally Robust Cis Specific Polymerization. Journal of the American Chemical Society, 2016, 138, 11840-11849.	6.6	67
39	Effect of Cyclopentadienyl Fragment in Copolymerization of Ethylene with Cyclic Olefins Catalyzed byNon-Bridged (Aryloxo)(cyclopentadienyl)titanium(IV) Complexes. Advanced Synthesis and Catalysis, 2005, 347, 433-446.	2.1	66
40	Synthesis and Structural Analysis of (Imido)vanadium(V) Dichloride Complexes Containing Imidazolin-2-iminato- and Imidazolidin-2-iminato Ligands, and their Use as Catalyst Precursors for Ethylene (Co)polymerization. Inorganic Chemistry, 2014, 53, 607-623.	1.9	66
41	Precise Synthesis of Poly(macromonomer)s Containing Sugars by Repetitive ROMP and Their Attachments to Poly(ethylene glycol): Synthesis, TEM Analysis and Their Properties as Amphiphilic Block Fragments. Chemistry - A European Journal, 2007, 13, 8985-8997.	1.7	65
42	Effect of Cyclopentadienyl and Amide Fragment in Olefin Polymerization by Nonbridged (Amide)(cyclopentadienyl)titanium(IV) Complexes of the Type Cpâ€˜TiCl2[N(R)R]â^'Methylaluminoxane (MAO) Catalyst Systems. Macromolecules, 2003, 36, 2633-2641.	2.2	64
43	1,2-Câ^'H Activation of Benzene Promoted by (Arylimido)vanadium(V)-Alkylidene Complexes: Isolation of the Alkylidene, Benzyne Complexes. Organometallics, 2011, 30, 2712-2720.	1.1	64
44	Syntheses of Various (Arylimido)vanadium(V)â€“Dialkyl Complexes Containing Aryloxo and Alkoxo Ligands, and Ring-Opening Metathesis Polymerization Using a Vanadium(V)â€“Alkylidene Complex. Organometallics, 2008, 27, 3818-3824.	1.1	63
45	Precise Synthesis of Amphiphilic Polymeric Architectures by Grafting Poly(ethylene glycol) to End-Functionalized Block ROMP Copolymers. Macromolecules, 2005, 38, 1075-1083.	2.2	62
46	Notable effect of imino substituent for the efficient ring-opening polymerization of Îµ-caprolactone initiated by Al complexes containing phenoxy-imine ligand of type, Me2Al(L) [L: O-2- Bu-6-(RN CH)C6H3; R: 2,6- Pr2C6H3, Bu, adamantyl, C6F5]. Catalysis Communications, 2008, 9, 1148-1152.	1.6	62
47	Synthesis of vanadiumâ€“alkylidene complexes and their use as catalysts for ring opening metathesis polymerization. Dalton Transactions, 2017, 46, 12-24.	1.6	62
48	Living Copolymerization of Ethylene with Styrene Catalyzed by (Cyclopentadienyl)(ketimide)titanium(IV) Complexâ^'MAO Catalyst System:Â Effect of Anionic Ancillary Donor Ligand. Macromolecules, 2006, 39, 5266-5274.	2.2	59
49	Synthesis of (1-Adamantylimido)vanadium(V) Complexes Containing Aryloxo, Ketimide Ligands: Effect of Ligand Substituents in Olefin Insertion/Metathesis Polymerization. Inorganic Chemistry, 2008, 47, 6482-6492.	1.9	59
50	Effect of Cyclopentadienyl and Anionic Ancillary Ligand in Syndiospecific Styrene Polymerization Catalyzed by Nonbridged Half-Titanocenes Containing Aryloxo, Amide, and Anilide Ligands:Â Cocatalyst Systems. Macromolecules, 2004, 37, 5520-5530.	2.2	57
51	Effect of Cyclopentadienyl and Anionic Donor Ligands on Monomer Reactivities in Copolymerization of Ethylene with 2-Methyl-1-pentene by Nonbridged Half-Titanocenesâ^'Cocatalyst Systems. Macromolecules, 2007, 40, 6489-6499.	2.2	57
52	Synthesis of (Imido)Vanadium(V) Dichloride Complexes Containing Anionic N-Heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety: New MAO-Free Ethylene Polymerization Catalysts. Organometallics, 2016, 35, 1778-1784.	1.1	57
53	Efficient Incorporation of Vinylcylohexane in Ethylene/Vinylcyclohexane Copolymerization Catalyzed by Nonbridged Half-Titanocenes. Macromolecules, 2005, 38, 8121-8123.	2.2	55
54	Synthesis of Vanadium(III), -(IV), and -(V) Complexes That Contain the Pentafluorophenyl-Substituted Triamidoamine Ligand [(C6F5NCH2CH2)3N]3-. Inorganic Chemistry, 1996, 35, 3695-3701.	1.9	54

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55	Ethylene Dimerization/Polymerization Catalyzed by (Adamantylimido)vanadium(V) Complexes Containing (2-Anilidomethyl)pyridine Ligands: Factors Affecting the Ethylene Reactivity. Organometallics, 2012, 31, 3575-3581.	1.1	53
56	Synthesis of All-Trans High Molecular Weight Poly(N-alkylcarbazole-2,7-vinylene)s and Poly(9,9-dialkylfluorene-2,7-vinylene)s by Acyclic Diene Metathesis (ADMET) Polymerization Using Rutheniumâ^'Carbene Complex Catalysts. Macromolecules, 2009, 42, 5104-5111.	2.2	52
57	A Stable Vanadium(V)-Methyl Complex Containing Arylimido and Bis(ketimide) Ligands That Exhibits Unique Reactivity with Alcohol. Organometallics, 2005, 24, 3621-3623.	1.1	51
58	Olefin Polymerization by the (Pybox)RuX2(ethylene)â^'MAO Catalyst System. Macromolecules, 1999, 32, 4732-4734.	2.2	50
59	Synthesis of Nonbridged (Anilide)(cyclopentadienyl)titanium(IV) Complexes of the Type Cpâ€˜TiCl2[N(2,6-Me2C6H3)(R)] and Their Use in Catalysis for Olefin Polymerization. Organometallics, 2002, 21, 3042-3049.	1.1	49
60	Reactions of an (Arylimido)vanadium(V)â^'Alkylidene, V(CHSiMe₃)(N-2,6-Me₂C₆H₃)(Nâ•C^tBu₂)(PMe<su with Nitriles, Diphenylacetylene, and Styrene. Organometallics, 2008, 27, 5353-5360.	1.1	49
61	Polymerization of 1-hexene, 1-octene catalyzed by Cpâ€²TiCl2(O-2,6-iPr2C6H3)â€“MAO system. Unexpected increase of the catalytic activity for ethylene/1-hexene copolymerization by (1,3-tBu2C5H3)TiCl2(O-2,6-iPr2C6H3)â€“MAO catalyst system. Journal of Molecular Catalysis A, 2000, 152, 249-252.	4.8	48
62	Ruthenium catalyzed hydrogenation of methyl phenylacetate under low hydrogen pressure. Journal of Molecular Catalysis A, 2002, 178, 105-114.	4.8	48
63	Synthesis of (Arylimido)vanadium(V) Complexes Containing (2-Anilidomethyl)pyridine Ligands and Their Use as the Catalyst Precursors for Olefin Polymerization. Organometallics, 2009, 28, 5925-5933.	1.1	48
64	Ethylene Homopolymerization and Ethylene/1-Butene Copolymerization Catalyzed by a [1,8-C10H6(NR)2]TiCl2â^'Cocatalyst System. Macromolecules, 1998, 31, 8009-8015.	2.2	47
65	Efficient selective reduction of aromatic nitro compounds by ruthenium catalysis under COH2O conditions. Journal of Molecular Catalysis A, 1995, 95, 203-210.	4.8	46
66	Ethylene Polymerization Catalyzed by Ruthenium and Iron Complexes Containing 2,6-Bis(2-oxazolin-2-yl)pyridine (Pybox) Ligand-Cocatalyst System. Bulletin of the Chemical Society of Japan, 2000, 73, 599-605.	2.0	45
67	Synthesis of Oligo(thiophene)-Coated Star-Shaped ROMP Polymers: Unique Emission Properties by the Precise Integration of Functionality. Journal of the American Chemical Society, 2012, 134, 7892-7895.	6.6	45
68	Highly Efficient Ethylene/Cyclopentene Copolymerization with Exclusive 1,2â€Cyclopentene Incorporation by (Cyclopentadienyl)(ketimide)titanium(IV) Complexâ€“MAO Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2235-2240.	2.1	44
69	Effect of aryloxo ligand for ethylene polymerization by (arylimido)(aryloxo)vanadium(V) complexesâ€“MAO catalyst systems: attempt for polymerization of styrene. Catalysis Communications, 2003, 4, 159-164.	1.6	43
70	Polymerization of 1,5-Hexadiene by the Nonbridged Half-Titanocene Complexâ^'MAO Catalyst System:â€‰ Remarkable Difference in the Selectivity of Repeated 1,2-Insertion. Macromolecules, 2004, 37, 1693-1695.	2.2	43
71	Acyclic diene metathesis polymerization of 2,5-dialkyl-1,4-divinylbenzene with molybdenum or ruthenium catalysts: Factors affecting the precise synthesis of defect-free, high-molecular-weighttrans-poly(p-phenylene vinylene)s. Journal of Polymer Science Part A, 2005, 43, 6166-6177.	2.5	43
72	Copolymerization of Ethylene with Î±-Olefins Containing Various Substituents Catalyzed by Half-Titanocenes: Factors Affecting the Monomer Reactivities. Macromolecules, 2009, 42, 4585-4595.	2.2	43

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73	Ring-Opening Polymerization of THF by Aryloxo-Modified (Imido)vanadium(V)-alkyl Complexes and Ring-Opening Metathesis Polymerization by Highly Active V(CHSiMe₃)(NAd)(OC₆F₅)(PMe₃)₂. Organometallics, 2012, 31, 5114-5120.	1.1	43
74	Synthesis of Bio-Based Aliphatic Polyesters from Plant Oils by Efficient Molecular Catalysis: A Selected Survey from Recent Reports. ACS Sustainable Chemistry and Engineering, 2021, 9, 5486-5505.	3.2	43
75	Precise Synthesis of Amphiphilic Multiblock Copolymers by Combination of Acyclic Diene Metathesis (ADMET) Polymerization with Atom Transfer Radical Polymerization (ATRP) and Click Chemistry. ACS Macro Letters, 2012, 1, 423-427.	2.3	42
76	Chiral optofluidics: gigantic circularly polarized light enhancement of all-trans-poly(9,9-di-n-octylfluorene-2,7-vinylene) during mirror-symmetry-breaking aggregation by optically tuning fluidic media. RSC Advances, 2012, 2, 6663.	1.7	42
77	Copolymerizations of Norbornene and Tetracyclododecene with Î±-Olefins by Half-Titanocene Catalysts: Efficient Synthesis of Highly Transparent, Thermal Resistance Polymers. Macromolecules, 2016, 49, 59-70.	2.2	42
78	Ligand effect in olefin polymerization catalyzed by (cyclopentadienyl)(aryloxy) titanium(IV) complexes, Cpâ€²TiCl2(OAr)â€“MAO system.. Journal of Molecular Catalysis A, 2000, 159, 127-137.	4.8	41
79	Ethylene Polymerization and Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by (Arylimido)(aryloxy)vanadium(V) Complexes of the Type, V(Nar)(Oarâ€²)X2(X = Cl, CH2Ph). Chemistry Letters, 2001, 30, 36-37.	0.7	41
80	Exclusive End Functionalization of all-trans-Poly(fluorene vinylene)s Prepared by Acyclic Diene Metathesis Polymerization: Facile Efficient Synthesis of Amphiphilic Triblock Copolymers by Grafting Poly(ethylene glycol). Macromolecules, 2008, 41, 4245-4249.	2.2	41
81	Synthesis of Half-Titanocenes Containing Phenoxy-imine Ligands and Their Use as Catalysts for Olefin Polymerization. Organometallics, 2007, 26, 5967-5977.	1.1	40
82	Efficient Functional Group Introduction into Polyolefins by Copolymerization of Ethylene with Allyltrialkylsilane Using Nonbridged Half-Titanocenes. Macromolecules, 2008, 41, 1070-1072.	2.2	40
83	Facile Controlled Synthesis of Soluble Star Shape Polymers by Ring-Opening Metathesis Polymerization (ROMP). Macromolecules, 2009, 42, 899-901.	2.2	40
84	Effects of cyclopentadienyl fragment in ethylene, 1-hexene, and styrene polymerizations catalyzed by half-titanocenes containing ketimide ligand of the type, Cpâ€²TiCl2(N˜...CtBu2). Catalysis Communications, 2004, 5, 413-417.	1.6	39
85	Design of Efficient Molecular Catalysts for Synthesis of Cyclic Olefin Copolymers (COC) by Copolymerization of Ethylene and Î±-Olefins with Norbornene or Tetracyclododecene. Catalysts, 2016, 6, 175.	1.6	39
86	Effect of aryloxide ligand in 1-hexene, styrene polymerization catalyzed by nonbridged half-titanocenes of the type, Cpâ€²TiCl2(OAr) (Cpâ€²=C5Me5, tBuC5H4). Journal of Molecular Catalysis A, 2006, 254, 197-205.	4.8	38
87	Direct synthesis of 2-phenylethanol by hydrogenation of methyl phenylacetate using homogeneous ruthenium-phosphine catalysis under low hydrogen pressure. Journal of Molecular Catalysis A, 2001, 166, 345-349.	4.8	37
88	Polymerization of 1,5-Hexadiene by Half-Titanocenesâ^'MAO Catalyst Systems:â€‰ Factors Affecting the Selectivity for the Favored Repeated 1,2-Insertion. Macromolecules, 2006, 39, 4009-4017.	2.2	37
89	Direct Precise Functional Group Introduction into Polyolefins: Efficient Incorporation of Vinyltrialkylsilanes in Ethylene Copolymerizations by Nonbridged Half-Titanocenes. Macromolecules, 2008, 41, 8974-8976.	2.2	37
90	Synthesis of binuclear phenoxyimino organoaluminum complexes and their use as the catalyst precursors for efficient ring-opening polymerisation of Îµ-caprolactone. Dalton Transactions, 2013, 42, 12346.	1.6	37

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91	Synthesis and Structural Analysis of (Imido)Vanadium(V) Complexes Containing Chelate (Anilido)Methyl-imine Ligands: Ligand Effect in Ethylene Dimerization. Inorganic Chemistry, 2013, 52, 2607-2614.	1.9	37
92	(Arylimido)Vanadium(V)-Alkylidenes Containing Chlorinated Phenoxy Ligands: Thermally Robust, Highly Active Catalyst in Ring-Opening Metathesis Polymerization of Cyclic Olefins. Organometallics, 2018, 37, 2064-2074.	1.1	37
93	Recent Developments in Zâ€Selective Olefin Metathesis Reactions by Molybdenum, Tungsten, Ruthenium, and Vanadium Catalysts. Advanced Synthesis and Catalysis, 2021, 363, 1970-1997.	2.1	37
94	Synthesis and Structure of Titanatranes Containing Tetradentate Trianionic Donor Ligands of the Type [(O-2,4-R2C6H2-6-CH2)2(OCH2CH2)]N3- and Their Use in Catalysis for Ethylene Polymerization. Organometallics, 2007, 26, 1616-1626.	1.1	36
95	Efficient ethylene/norbornene copolymerization by halfâ€titanocenes containing imidazolinâ€2â€iminato ligands and MAO catalyst systems. Journal of Polymer Science Part A, 2013, 51, 2575-2580.	2.5	36
96	Ethylene Polymerization Catalyzed by Titanium(IV) Complexes of a Triaryloxoamine Ligand[TiX{(OArCH2)3N}]. Macromolecular Rapid Communications, 2004, 25, 504-507.	2.0	35
97	Recent Progress in Precise Synthesis of Polyolefins Containing Polar Functionalities by Transition Metal Catalysis. Current Organic Synthesis, 2008, 5, 217-226.	0.7	35
98	Noticeable Chiral Center Dependence of Signs and Magnitudes in Circular Dichroism (CD) and Circularly Polarized Luminescence (CPL) Spectra ofall-trans-Poly(9,9-dialkylfluorene-2,7-vinylene)s Bearing Chiral Alkyl Side Chains in Solution, Aggregates, and Thin Films. Macromolecules, 2018, 51, 2377-2387.	2.2	35
99	Synthesis of homopolymers and multiblock copolymers by the living ring-opening metathesis polymerization of norbornenes containing acetyl-protected carbohydrates with well-defined ruthenium and molybdenum initiators. Journal of Polymer Science Part A, 2004, 42, 4248-4265.	2.5	34
100	Tuning the active species from syndiospecific styrene polymerisation to ethylene/styrene copolymerisation by (aryloxo)(cyclopentadienyl)titanium complexesâ€“MAO catalysts. Dalton Transactions, 2007, , 1802-1806.	1.6	34
101	Dithieno[3,4-b:3â€²,4â€²-d]thiophene-Annelated Antiaromatic Planar Cyclooctatetraene with Olefinic Protons. Organic Letters, 2013, 15, 3522-3525.	2.4	34
102	Ethylene polymerisation and ethylene/norbornene copolymerisation by using aryloxo-modified vanadium(<scp>v</scp>) complexes containing 2,6-difluoro-, dichloro-phenylimido complexes. Dalton Transactions, 2015, 44, 12273-12281.	1.6	34
103	Effect of Al Cocatalyst in Ethylene and Ethylene/Norbornene (Co)polymerization by (Imido)vanadium Dichloride Complexes Containing Anionic <i>N</i>-Heterocyclic Carbenes Having Weakly Coordinating Borate Moiety. Journal of the Japan Petroleum Institute, 2017, 60, 256-262.	0.4	34
104	Alkene and dihydrogen formation by catalytic dehydrogenation of alkane with RhCl(pr3)2 photogenerated from rhcl(co)(pr3)2. Journal of Molecular Catalysis, 1989, 54, 57-64.	1.2	33
105	Precise synthesis of poly(macromonomer)s containing sugars by repetitive ring-opening metathesis polymerisation. Chemical Communications, 2005, , 4080.	2.2	33
106	Effect of ketimide ligand for ethylene polymerization and ethylene/norbornene copolymerization catalyzed by (cyclopentadienyl)(ketimide)titanium complexesâ€“MAO catalyst systems: Structural analysis for Cpâˆ—TiCl2(NCPh2). Journal of Organometallic Chemistry, 2007, 692, 4675-4682.	0.8	33
107	Synthesis and Structural Analysis of (Cyclopentadienyl)(pyrrolide)titanium(IV) Complexes and Their Use in Catalysis for Olefin Polymerization. Organometallics, 2009, 28, 111-122.	1.1	33
108	Precise Synthesis of Poly(fluorene-2,7-vinylene)s Containing Oligo(thiophene)s at the Chain Ends: Unique Emission Properties by the End Functionalization. Macromolecules, 2011, 44, 3705-3711.	2.2	33

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109	Ethylene copolymerization by half-titanocenes containing imidazolin-2-iminato ligandsâ€“MAO catalyst systems. Journal of Molecular Catalysis A, 2012, 363-364, 501-511.	4.8	33
110	Synthesis of (Adamantylimido)vanadium(V) Dimethyl Complex Containing (2-Anilidomethyl)pyridine Ligand and Selected Reactions: Exploring the Oxidation State of the Catalytically Active Species in Ethylene Dimerization. Organometallics, 2017, 36, 530-542.	1.1	33
111	XAS Analysis of Reactions of (Arylimido)vanadium(V) Dichloride Complexes Containing Anionic NHC That Contains a Weakly Coordinating B(C₆F₅)₃ Moiety (WCA-NHC) or Phenoxide Ligands with Al Alkyls: A Potential Ethylene Polymerization Catalyst with WCA-NHC Ligands. ACS Omega, 2019, 4, 18833-18845.	1.6	33
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113	Synthesis of (Imido)vanadium(V) Alkyl and Alkylidene Complexes Containing Imidazolidin-2-iminato Ligands: Effect of Imido Ligand on ROMP and 1,2-Câ€“H Bond Activation of Benzene. Organometallics, 2014, 33, 6682-6691.	1.1	32
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