

# Kotohiro Nomura

## List of Publications by Citations

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#	Paper	IF	Citations
294	Design of vanadium complex catalysts for precise olefin polymerization. <i>Chemical Reviews</i> , <b>2011</b> , 111, 2342-62	68.1	235
293	Synthesis of Various Nonbridged Titanium(IV) Cyclopentadienyl Aryloxy Complexes of the Type CpTi(OAr)X <sub>2</sub> and Their Use in the Catalysis of Alkene Polymerization. Important Roles of Substituents on both Aryloxy and Cyclopentadienyl Groups. <i>Organometallics</i> , <b>1998</b> , 17, 2152-2154	3.8	192
292	Nonbridged half-metallocenes containing anionic ancillary donor ligands: New promising candidates as catalysts for precise olefin polymerization. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 267, 1-29		183
291	Olefin Polymerization by (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes MAO Catalyst Systems. <i>Macromolecules</i> , <b>1998</b> , 31, 7588-7597	5.5	182
290	Half-titanocenes containing anionic ancillary donor ligands as promising new catalysts for precise olefin polymerisation. <i>Dalton Transactions</i> , <b>2009</b> , 8811-23	4.3	128
289	Precise synthesis of polymers containing functional end groups by living ring-opening metathesis polymerization (ROMP): Efficient tools for synthesis of block/graft copolymers. <i>Polymer</i> , <b>2010</b> , 51, 1861-1881	3.8	124
288	Remarkable Effects of Aluminum Cocatalyst and Comonomer in Ethylene Copolymerizations Catalyzed by (Arylimido)(aryloxo)vanadium Complexes: Efficient Synthesis of High Molecular Weight Ethylene/Norbornene Copolymer. <i>Macromolecules</i> , <b>2005</b> , 38, 5905-5913	5.5	120
287	Ethylene/Styrene Copolymerization by Various (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes MAO Catalyst Systems. <i>Macromolecules</i> , <b>2002</b> , 35, 5388-5395	5.5	115
286	Olefin Polymerization and Ring-Opening Metathesis Polymerization of Norbornene by (Arylimido)(aryloxo)vanadium(V) Complexes of the Type VX <sub>2</sub> (NAr)(OAr) <sub>2</sub> : Remarkable Effect of Aluminum Cocatalyst for the Coordination and Insertion and Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2002</b> , 35, 1503-1509	5.5	111
285	Syndiospecific Styrene Polymerization and Efficient Ethylene/Styrene Copolymerization Catalyzed by (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes MAO System. <i>Macromolecules</i> , <b>2000</b> , 33, 8122-8124	5.5	109
284	Transition metal catalyzed hydrogenation or reduction in water. <i>Journal of Molecular Catalysis A</i> , <b>1998</b> , 130, 1-28		105
283	Synthesis of Poly(macromonomer)s by Repeating Ring-Opening Metathesis Polymerization (ROMP) with Mo(CHCMe <sub>2</sub> Ph)(NAr)(OR) <sub>2</sub> Initiators. <i>Macromolecules</i> , <b>2001</b> , 34, 4712-4723	5.5	103
282	Notable Effect of Fluoro Substituents in the Imino Group in Ring-Opening Polymerization of $\epsilon$ -Caprolactone by Al Complexes Containing Phenoxyimine Ligands. <i>Organometallics</i> , <b>2009</b> , 28, 2179-2187	3.8	102
281	Copolymerization of ethylene with cyclohexene (CHE) catalyzed by nonbridged half-titanocenes containing aryloxo ligand: notable effect of both cyclopentadienyl and anionic donor ligand for efficient CHE incorporation. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4582-3	16.4	102
280	Efficient Ethylene/Norbornene Copolymerization by (Aryloxo)(indenyl)titanium(IV) Complexes MAO Catalyst System. <i>Macromolecules</i> , <b>2003</b> , 36, 3797-3799	5.5	102
279	A Vanadium(V) Alkylidene Complex Exhibiting Remarkable Catalytic Activity for Ring-Opening Metathesis Polymerization (ROMP). <i>Organometallics</i> , <b>2005</b> , 24, 2248-2250	3.8	99
278	Half-titanocenes for precise olefin polymerisation: effects of ligand substituents and some mechanistic aspects. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7666-82	4.3	95

277	Living copolymerization of ethylene with styrene catalyzed by (cyclopentadienyl)(ketimide)titanium(IV) complex-MAO catalyst system. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9364-5	16.4	93
276	Preparation of Sugar-Coated Homopolymers and Multiblock ROMP Copolymers. <i>Macromolecules</i> , <b>1996</b> , 29, 540-545	5.5	93
275	Effect of the Cyclopentadienyl Fragment on Monomer Reactivities and Monomer Sequence Distributions in Ethylene/Olefin Copolymerization by a Nonbridged (Cyclopentadienyl)(aryloxy)titanium(IV) Complex/MAO Catalyst System. <i>Macromolecules</i> , <b>2000</b> , 33, 3187-3189	5.5	92
274	Notable Effects of Aluminum Alkyls and Solvents for Highly Efficient Ethylene (Co)polymerizations Catalyzed by (Arylimido)-(aryloxo)vanadium Complexes. <i>Advanced Synthesis and Catalysis</i> , <b>2006</b> , 348, 743-750	5.6	91
273	Olefin polymerization by (cyclopentadienyl)(ketimide)titanium(IV) complexes of the type, Cp*TiCl <sub>2</sub> (N?CtBu <sub>2</sub> )-methylaluminoxane (MAO) catalyst systems. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 220, 133-144		89
272	Ethylene/Olefin copolymerization by various nonbridged (cyclopentadienyl)(aryloxy)titanium(IV) complexes /MAO catalyst system. <i>Journal of Molecular Catalysis A</i> , <b>2001</b> , 174, 127-140		89
271	Olefin metathesis polymerization: Some recent developments in the precise polymerizations for synthesis of advanced materials (by ROMP, ADMET). <i>Tetrahedron</i> , <b>2018</b> , 74, 619-643	2.4	84
270	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. <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 292, 67-75		83
269	Notable norbornene (NBE) incorporation in ethylene-NBE copolymerization catalysed by nonbridged half-titanocenes: better correlation between NBE incorporation and coordination energy. <i>Chemical Communications</i> , <b>2006</b> , 2659-61	5.8	76
268	Synthesis of Al complexes containing phenoxy-imine ligands and their use as the catalyst precursors for efficient living ring-opening polymerisation of epsilon-caprolactone. <i>Dalton Transactions</i> , <b>2008</b> , 3978-88	4.3	73
267	Facile, efficient functionalization of polyolefins via controlled incorporation of terminal olefins by repeated 1,7-octadiene insertion. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14170-1	16.4	70
266	Highly efficient dimerization of ethylene by (imido)vanadium complexes containing (2-anilidomethyl)pyridine ligands: notable ligand effect toward activity and selectivity. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4960-5	16.4	69
265	Synthesis and characterization of organoaluminum compounds containing quinolin-8-amine derivatives and their catalytic behaviour for ring-opening polymerization of epsilon-caprolactone. <i>Dalton Transactions</i> , <b>2009</b> , 9000-9	4.3	69
264	(Imido)vanadium(V)-alkyl, -alkylidene complexes exhibiting unique reactivity towards olefins and alcohols. <i>Chemical Science</i> , <b>2010</b> , 1, 161	9.4	68
263	n-Alkene and dihydrogen formation from n-alkanes by photocatalysis using carbonyl(chloro)phosphine-rhodium complexes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 161-162		68
262	Synthesis and Structural Analysis of (Arylimido)vanadium(V) Complexes Containing Phenoxyimine Ligands: New, Efficient Catalyst Precursors for Ethylene Polymerization. <i>Organometallics</i> , <b>2008</b> , 27, 2590-2596	3.8	67
261	Facile Synthesis of (Imido)vanadium(V) Alkyl, Alkylidene Complexes Containing an N-Heterocyclic Carbene Ligand from Their Trialkyl Analogues. <i>Organometallics</i> , <b>2008</b> , 27, 6400-6402	3.8	64
260	Effect of Cyclopentadienyl Fragment in Copolymerization of Ethylene with Cyclic Olefins Catalyzed by Non-Bridged (Aryloxo)(cyclopentadienyl)titanium(IV) Complexes. <i>Advanced Synthesis and Catalysis</i> , <b>2005</b> , 347, 433-446	5.6	64

259	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. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8985-97	4.8	63
258	Efficient Incorporation of 2-Methyl-1-pentene in Copolymerization of Ethylene with 2-Methyl-1-pentene Catalyzed by Nonbridged Half-Titanocenes. <i>Macromolecules</i> , <b>2005</b> , 38, 2053-2055	5.5	61
257	Precise Synthesis of Amphiphilic Polymeric Architectures by Grafting Poly(ethylene glycol) to End-Functionalized Block ROMP Copolymers. <i>Macromolecules</i> , <b>2005</b> , 38, 1075-1083	5.5	61
256	Effect of Cyclopentadienyl and Amide Fragment in Olefin Polymerization by Nonbridged (Amide)(cyclopentadienyl)titanium(IV) Complexes of the Type CpTiCl <sub>2</sub> [N(R) <sup>1</sup> R <sup>2</sup> ]Methylaluminoxane (MAO) Catalyst Systems. <i>Macromolecules</i> , <b>2003</b> , 36, 2633-2641	5.5	61
255	Synthesis of high molecular weight trans-poly(9,9-di-n-octylfluorene-2,7-vinylene) by the acyclic diene metathesis polymerization using molybdenum catalysts. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 2463-2470	2.5	60
254	Notable effect of imino substituent for the efficient ring-opening polymerization of $\epsilon$ -caprolactone initiated by Al complexes containing phenoxy-imine ligand of type, Me <sub>2</sub> Al(L) [L: O-2-Bu-6-(RN-CH) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ; R: 2,6-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , Bu, adamantyl, C <sub>6</sub> F <sub>5</sub> ]. <i>Catalysis Communications</i> , <b>2008</b> , 9, 1148-1152	3.2	59
253	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. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 607-23	5.1	58
252	Syntheses of Various (Arylimido)vanadium(V) Dialkyl Complexes Containing Aryloxo and Alkoxo Ligands, and Ring-Opening Metathesis Polymerization Using a Vanadium(V) Alkylidene Complex. <i>Organometallics</i> , <b>2008</b> , 27, 3818-3824	3.8	56
251	1,2-C <sub>H</sub> Activation of Benzene Promoted by (Arylimido)vanadium(V)-Alkylidene Complexes: Isolation of the Alkylidene, Benzyne Complexes. <i>Organometallics</i> , <b>2011</b> , 30, 2712-2720	3.8	55
250	(Arylimido)vanadium(V)-alkylidene complexes containing fluorinated aryloxo and alkoxo ligands for fast living ring-opening metathesis polymerization (ROMP) and highly cis-specific ROMP. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 4662-5	16.4	54
249	Synthesis of (1-adamantylimido)vanadium(V) complexes containing aryloxo, ketimide ligands: effect of ligand substituents in olefin insertion/metathesis polymerization. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6482-92	5.1	54
248	Living Copolymerization of Ethylene with Styrene Catalyzed by (Cyclopentadienyl)(ketimide)titanium(IV) Complex/MAO Catalyst System: Effect of Anionic Ancillary Donor Ligand. <i>Macromolecules</i> , <b>2006</b> , 39, 5266-5274	5.5	54
247	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 Ruthenium Carbene Complex Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 5104-5111	5.5	51
246	Effect of Cyclopentadienyl and Anionic Ancillary Ligand in Syndiospecific Styrene Polymerization Catalyzed by Nonbridged Half-Titanocenes Containing Aryloxo, Amide, and Anilide Ligands: Cocatalyst Systems. <i>Macromolecules</i> , <b>2004</b> , 37, 5520-5530	5.5	51
245	Efficient Incorporation of Vinylcyclohexane in Ethylene/Vinylcyclohexane Copolymerization Catalyzed by Nonbridged Half-Titanocenes. <i>Macromolecules</i> , <b>2005</b> , 38, 8121-8123	5.5	50
244	Synthesis of vanadium-alkylidene complexes and their use as catalysts for ring opening metathesis polymerization. <i>Dalton Transactions</i> , <b>2016</b> , 46, 12-24	4.3	49
243	Ethylene Dimerization/Polymerization Catalyzed by (Adamantylimido)vanadium(V) Complexes Containing (2-Anilidomethyl)pyridine Ligands: Factors Affecting the Ethylene Reactivity. <i>Organometallics</i> , <b>2012</b> , 31, 3575-3581	3.8	49
242	Effect of Cyclopentadienyl and Anionic Donor Ligands on Monomer Reactivities in Copolymerization of Ethylene with 2-Methyl-1-pentene by Nonbridged Half-Titanocenes/Cocatalyst Systems. <i>Macromolecules</i> , <b>2007</b> , 40, 6489-6499	5.5	49

241	Ring-Opening Metathesis Polymerization of Cyclic Olefins by (Arylimido)vanadium(V)-Alkylidenes: Highly Active, Thermally Robust Cis Specific Polymerization. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11840-9	16.4	48
240	A Stable Vanadium(V)-Methyl Complex Containing Arylimido and Bis(ketimide) Ligands That Exhibits Unique Reactivity with Alcohol. <i>Organometallics</i> , <b>2005</b> , 24, 3621-3623	3.8	48
239	Synthesis of Nonbridged (Anilide)(cyclopentadienyl)titanium(IV) Complexes of the Type Cp <sup>+</sup> TiCl <sub>2</sub> [N(2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )(R)] and Their Use in Catalysis for Olefin Polymerization. <i>Organometallics</i> , <b>2002</b> , 21, 3042-3049	3.8	48
238	Ruthenium catalyzed hydrogenation of methyl phenylacetate under low hydrogen pressure. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 178, 105-114		46
237	Polymerization of 1-hexene, 1-octene catalyzed by Cp <sup>+</sup> TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )MAO system. Unexpected increase of the catalytic activity for ethylene/1-hexene copolymerization by (1,3-tBu <sub>2</sub> C <sub>5</sub> H <sub>3</sub> )TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )MAO catalyst system. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 152, 249-252		46
236	Synthesis of Vanadium(III), -(IV), and -(V) Complexes That Contain the Pentafluorophenyl-Substituted Triamidoamine Ligand [(C <sub>6</sub> F <sub>5</sub> NCH <sub>2</sub> CH <sub>2</sub> ) <sub>3</sub> N] <sup>3-</sup> . <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 3695-3701	5.1	46
235	Synthesis of (Arylimido)vanadium(V) Complexes Containing (2-Anilidomethyl)pyridine Ligands and Their Use as the Catalyst Precursors for Olefin Polymerization. <i>Organometallics</i> , <b>2009</b> , 28, 5925-5933	3.8	45
234	Efficient selective reduction of aromatic nitro compounds by ruthenium catalysis under COH <sub>2</sub> O conditions. <i>Journal of Molecular Catalysis A</i> , <b>1995</b> , 95, 203-210		45
233	Reactions of an (Arylimido)vanadium(V)Alkylidene, V(CHSiMe <sub>3</sub> )(N-2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )(N <sup>+</sup> CtBu <sub>2</sub> )(PMe <sub>3</sub> ), with Nitriles, Diphenylacetylene, and Styrene. <i>Organometallics</i> , <b>2008</b> , 27, 5353-5360	3.8	43
232	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. <i>Organometallics</i> , <b>2016</b> , 35, 1778-1784	3.8	43
231	Ethylene Homopolymerization and Ethylene/1-Butene Copolymerization Catalyzed by a [1,8-C <sub>10</sub> H <sub>6</sub> (NR) <sub>2</sub> ] <sup>+</sup> TiCl <sub>2</sub> <sup>-</sup> ocatalyst System. <i>Macromolecules</i> , <b>1998</b> , 31, 8009-8015	5.5	42
230	Olefin Polymerization by the (Pybox)RuX <sub>2</sub> (ethylene)MAO Catalyst System. <i>Macromolecules</i> , <b>1999</b> , 32, 4732-4734	5.5	42
229	Ligand effect in olefin polymerization catalyzed by (cyclopentadienyl)(aryloxy) titanium(IV) complexes, Cp <sup>+</sup> TiCl <sub>2</sub> (OAr)MAO system.: Ethylene/1-hexene copolymerization by (1,3-tBu <sub>2</sub> C <sub>5</sub> H <sub>3</sub> )TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )MAO catalyst system. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 159, 127-137		41
228	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. <i>RSC Advances</i> , <b>2012</b> , 2, 6663	3.7	40
227	Synthesis of oligo(thiophene)-coated star-shaped ROMP polymers: unique emission properties by the precise integration of functionality. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7892-5	16.4	40
226	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). <i>Macromolecules</i> , <b>2008</b> , 41, 4245-4249	5.5	40
225	Precise Synthesis of Amphiphilic Multiblock Copolymers by Combination of Acyclic Diene Metathesis (ADMET) Polymerization with Atom Transfer Radical Polymerization (ATRP) and Click Chemistry.. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 423-427	6.6	39
224	Polymerization of 1,5-Hexadiene by the Nonbridged Half-Titanocene ComplexMAO Catalyst System: Remarkable Difference in the Selectivity of Repeated 1,2-Insertion. <i>Macromolecules</i> , <b>2004</b> , 37, 1693-1695	5.5	39



223	Effects of cyclopentadienyl fragment in ethylene, 1-hexene, and styrene polymerizations catalyzed by half-titanocenes containing ketimide ligand of the type, Cp*TiCl <sub>2</sub> (N?CtBu <sub>2</sub> ). <i>Catalysis Communications</i> , <b>2004</b> , 5, 413-417	3.2	39
222	Effect of aryloxo ligand for ethylene polymerization by (arylimido)(aryloxo)vanadium(V) complexes/MAO catalyst systems: attempt for polymerization of styrene. <i>Catalysis Communications</i> , <b>2003</b> , 4, 159-164	3.2	39
221	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-weight trans-poly(p-phenylene vinylene)s. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 6166-6177	2.5	39
220	Ethylene Polymerization Catalyzed by Ruthenium and Iron Complexes Containing 2,6-Bis(2-oxazolin-2-yl)pyridine (Pybox) Ligand-Cocatalyst System. <i>Bulletin of the Chemical Society of Japan</i> , <b>2000</b> , 73, 599-605	5.1	39
219	Synthesis of Half-Titanocenes Containing Phenoxy-imine Ligands and Their Use as Catalysts for Olefin Polymerization. <i>Organometallics</i> , <b>2007</b> , 26, 5967-5977	3.8	38
218	Highly Efficient Ethylene/Cyclopentene Copolymerization with Exclusive 1,2-Cyclopentene Incorporation by (Cyclopentadienyl)(ketimide)titanium(IV) Complex/MAO Catalysts. <i>Advanced Synthesis and Catalysis</i> , <b>2007</b> , 349, 2235-2240	5.6	38
217	Copolymerization of Ethylene with $\alpha$ -Olefins Containing Various Substituents Catalyzed by Half-Titanocenes: Factors Affecting the Monomer Reactivities. <i>Macromolecules</i> , <b>2009</b> , 42, 4585-4595	5.5	37
216	Ring-Opening Polymerization of THF by Aryloxo-Modified (Imido)vanadium(V)-alkyl Complexes and Ring-Opening Metathesis Polymerization by Highly Active V(CHSiMe <sub>3</sub> )(NAd)(OC <sub>6</sub> F <sub>5</sub> )(PMe <sub>3</sub> ) <sub>2</sub> . <i>Organometallics</i> , <b>2012</b> , 31, 5114-5120	3.8	36
215	Synthesis and structural analysis of (imido)vanadium(V) complexes containing chelate (anilido)methyl-imine ligands: ligand effect in ethylene dimerization. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2607-2614	5.1	36
214	Facile Controlled Synthesis of Soluble Star Shape Polymers by Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecules</i> , <b>2009</b> , 42, 899-901	5.5	36
213	Ethylene Polymerization and Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by (Arylimido)(aryloxy)vanadium(V) Complexes of the Type, V(Nar)(OAr?)X <sub>2</sub> (X = Cl, CH <sub>2</sub> Ph). <i>Chemistry Letters</i> , <b>2001</b> , 30, 36-37	1.7	36
212	Direct synthesis of 2-phenylethanol by hydrogenation of methyl phenylacetate using homogeneous ruthenium-phosphine catalysis under low hydrogen pressure. <i>Journal of Molecular Catalysis A</i> , <b>2001</b> , 166, 345-349		36
211	Effect of aryloxo ligand in 1-hexene, styrene polymerization catalyzed by nonbridged half-titanocenes of the type, Cp*TiCl <sub>2</sub> (OAr) (Cp* = C <sub>5</sub> Me <sub>5</sub> , tBuC <sub>5</sub> H <sub>4</sub> ): Structural analyses for Cp*TiCl <sub>2</sub> (O-2,6-tBu <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) and Cp*TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> -4-tBuC <sub>6</sub> H <sub>2</sub> ). <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 254, 197-205		35
210	Copolymerizations of Norbornene and Tetracyclododecene with $\alpha$ -Olefins by Half-Titanocene Catalysts: Efficient Synthesis of Highly Transparent, Thermal Resistance Polymers. <i>Macromolecules</i> , <b>2016</b> , 49, 59-70	5.5	34
209	Recent Progress in Precise Synthesis of Polyolefins Containing Polar Functionalities by Transition Metal Catalysis. <i>Current Organic Synthesis</i> , <b>2008</b> , 5, 217-226	1.9	34
208	Synthesis and Structure of Titanatranes Containing Tetradentate Trianionic Donor Ligands of the Type [(O-2,4-R <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>2</sub> (OCH <sub>2</sub> CH <sub>2</sub> )]N <sub>3</sub> - and Their Use in Catalysis for Ethylene Polymerization. <i>Organometallics</i> , <b>2007</b> , 26, 1616-1626	3.8	34
207	Ethylene Polymerization Catalyzed by Titanium(IV) Complexes of a Triaryloxoamine Ligand [TiX{(OArCH <sub>2</sub> ) <sub>3</sub> N}]. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 504-507	4.8	34
206	Synthesis of binuclear phenoxyimino organoaluminum complexes and their use as the catalyst precursors for efficient ring-opening polymerisation of $\epsilon$ -caprolactone. <i>Dalton Transactions</i> , <b>2013</b> , 42, 12346-53	4.3	33

205	Precise Synthesis of Poly(fluorene-2,7-vinylene)s Containing Oligo(thiophene)s at the Chain Ends: Unique Emission Properties by the End Functionalization. <i>Macromolecules</i> , <b>2011</b> , 44, 3705-3711	5.5	33
204	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. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 4248-4265	2.5	33
203	Efficient Functional Group Introduction into Polyolefins by Copolymerization of Ethylene with Allyltrialkylsilane Using Nonbridged Half-Titanocenes. <i>Macromolecules</i> , <b>2008</b> , 41, 1070-1072	5.5	32
202	Direct Precise Functional Group Introduction into Polyolefins: Efficient Incorporation of Vinyltrialkylsilanes in Ethylene Copolymerizations by Nonbridged Half-Titanocenes. <i>Macromolecules</i> , <b>2008</b> , 41, 8974-8976	5.5	32
201	Precise synthesis of poly(macromonomer)s containing sugars by repetitive ring-opening metathesis polymerisation. <i>Chemical Communications</i> , <b>2005</b> , 4080-2	5.8	32
200	Polymerization of 1,5-Hexadiene by Half-Titanocenes/MAO Catalyst Systems: Factors Affecting the Selectivity for the Favored Repeated 1,2-Insertion. <i>Macromolecules</i> , <b>2006</b> , 39, 4009-4017	5.5	32
199	Efficient ethylene/norbornene copolymerization by half-titanocenes containing imidazolin-2-iminato ligands and MAO catalyst systems. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 2575-2580 <sup>31</sup>	2.5	31
198	Synthesis and Structural Analysis of (Cyclopentadienyl)(pyrrolide)titanium(IV) Complexes and Their Use in Catalysis for Olefin Polymerization. <i>Organometallics</i> , <b>2009</b> , 28, 111-122	3.8	31
197	Dithieno[3,4-b:3',4'-d]thiophene-annelated antiaromatic planar cyclooctatetraene with olefinic protons. <i>Organic Letters</i> , <b>2013</b> , 15, 3522-5	6.2	30
196	Copolymerization of Ethylene with tert-Butylethylene Using Nonbridged Half-Titanocene-Cocatalyst Systems. <i>Macromolecules</i> , <b>2009</b> , 42, 3767-3773	5.5	30
195	Tuning the active species from syndiospecific styrene polymerisation to ethylene/styrene copolymerisation by (aryloxo)(cyclopentadienyl)titanium complexes-MAO catalysts. <i>Dalton Transactions</i> , <b>2007</b> , 1802-6	4.3	30
194	Effect of ketimide ligand for ethylene polymerization and ethylene/norbornene copolymerization catalyzed by (cyclopentadienyl)(ketimide)titanium complexes/MAO catalyst systems: Structural analysis for Cp*TiCl <sub>2</sub> (NCPH <sub>2</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 4675-4682	2.3	30
193	Efficient living polymerization of 1-hexene by Cp*TiMe <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )-borate catalyst systems at low temperature. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 209, 9-17		30
192	Effect of ligand in ethylene/styrene copolymerization by [Me <sub>2</sub> Si(C <sub>5</sub> Me <sub>4</sub> )(NR)]TiCl <sub>2</sub> (R = tert-Bu, cyclohexyl) and (1,3-Me <sub>2</sub> C <sub>5</sub> H <sub>3</sub> )TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )-MAO catalyst system. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 190, 225-234		30
191	Precise Synthesis of Poly(fluorene vinylene)s Capped with Chromophores: Efficient Fluorescent Polymers Modified by Conjugation Length and End-Groups.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 980-984	6.6	29
190	Ethylene polymerisation and ethylene/norbornene copolymerisation by using aryloxo-modified vanadium(V) complexes containing 2,6-difluoro-, dichloro-phenylimido complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 12273-81	4.3	29
189	Ethylene copolymerization by half-titanocenes containing imidazolin-2-iminato ligands/MAO catalyst systems. <i>Journal of Molecular Catalysis A</i> , <b>2012</b> , 363-364, 501-511		29
188	Effect of Al Cocatalyst in Ethylene and Ethylene/Norbornene (Co)polymerization by (Imido)vanadium Dichloride Complexes Containing Anionic N-Heterocyclic Carbenes Having Weakly Coordinating Borate Moiety. <i>Journal of the Japan Petroleum Institute</i> , <b>2017</b> , 60, 256-262	1	28

187	Synthesis of (Imido)vanadium(V) Alkyl and Alkylidene Complexes Containing Imidazolidin-2-iminato Ligands: Effect of Imido Ligand on ROMP and 1,2-C-H Bond Activation of Benzene. <i>Organometallics</i> , <b>2014</b> , 33, 6682-6691	3.8	27
186	Precise One-Pot Synthesis of End-Functionalized Conjugated Multi-Block Copolymers via Combined Olefin Metathesis and Wittig-type Coupling. <i>Macromolecules</i> , <b>2013</b> , 46, 9563-9574	5.5	27
185	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. <i>Organometallics</i> , <b>2017</b> , 36, 530-542	3.8	26
184	A study concerning the effect of organoboron compounds in 1-hexene polymerization catalyzed by Cp*TiMe <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). Structural analysis for Cp*TiMe <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) and Cp*TiMe(CF <sub>3</sub> SO <sub>3</sub> )(O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Inorganica Chimica Acta</i> , <b>2003</b> , 345, 37-43	2.7	26
183	Alkene and dihydrogen formation by catalytic dehydrogenation of alkane with RhCl(pr <sub>3</sub> ) <sub>2</sub> photogenerated from rhcl(co)(pr <sub>3</sub> ) <sub>2</sub> . <i>Journal of Molecular Catalysis</i> , <b>1989</b> , 54, 57-64		26
182	Design of Efficient Molecular Catalysts for Synthesis of Cyclic Olefin Copolymers (COC) by Copolymerization of Ethylene and $\alpha$ -Olefins with Norbornene or Tetracyclododecene. <i>Catalysts</i> , <b>2016</b> , 6, 175	4	26
181	Cis-Specific Chain Transfer Ring-Opening Metathesis Polymerization Using a Vanadium(V) Alkylidene Catalyst for Efficient Synthesis of End-Functionalized Polymers. <i>Organometallics</i> , <b>2017</b> , 36, 4103-4106	3.8	25
180	Noticeable Chiral Center Dependence of Signs and Magnitudes in Circular Dichroism (CD) and Circularly Polarized Luminescence (CPL) Spectra of all-trans-Poly(9,9-dialkylfluorene-2,7-vinylene)s Bearing Chiral Alkyl Side Chains in Solution, Aggregates, and Thin Films. <i>Macromolecules</i> , <b>2018</b> , 51, 2377-2387	5.5	25
179	Synthesis of (Imido)vanadium(V) Complexes Containing 8-(2,6-Dimethylanilide)-5,6,7-trihydroquinoline Ligands: Highly Active Catalyst Precursors for Ethylene Dimerization. <i>Organometallics</i> , <b>2014</b> , 33, 1053-1060	3.8	25
178	Efficient Synthesis of Functionalized Polyolefin by Incorporation of 4-Vinylcyclohexene in Ethylene Copolymerization Using Half-Titanocene Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 5097-5103	5.5	25
177	Synthesis of Various (Arylimido)vanadium(V) Methyl Complexes Containing Ketimide Ligands and Reactions with Alcohols, Thiols, and Borates: Implications for Unique Reactivity toward Alcohols. <i>Organometallics</i> , <b>2007</b> , 26, 2579-2588	3.8	25
176	Synthesis of (Adamantylimido)vanadium(V)-Alkyl, Alkylidene Complex Trapped with PMe <sub>3</sub> : Reactions of the Alkylidene Complexes with Phenols. <i>Organometallics</i> , <b>2014</b> , 33, 6585-6592	3.8	24
175	Effect of ligand substituents in olefin polymerisation by half-sandwich titanium complexes containing monoanionic iminoimidazolidide ligands-MAO catalyst systems. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7842-9	4.3	24
174	(Arylimido)Vanadium(V)-Alkylidenes Containing Chlorinated Phenoxy Ligands: Thermally Robust, Highly Active Catalyst in Ring-Opening Metathesis Polymerization of Cyclic Olefins. <i>Organometallics</i> , <b>2018</b> , 37, 2064-2074	3.8	24
173	Olefin Polymerization by Half-Titanocenes Containing $\eta$ -Pyrazolato Ligands/MAO Catalyst Systems. <i>Macromolecules</i> , <b>2011</b> , 44, 1986-1998	5.5	23
172	Hetero-bimetallic Complexes of Titanatranes with Aluminum Alkyls: Synthesis, Structural Analysis, and Their Use in Catalysis for Ethylene Polymerization. <i>Organometallics</i> , <b>2010</b> , 29, 3500-3506	3.8	23
171	Efficient ring-opening metathesis polymerization of norbornene by vanadium-alkylidenes generated in situ from V(NAr)Cl <sub>2</sub> (L) (L: ketimide, aryloxo). <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 275, 1-8		23
170	Factors affecting product distributions in ethylene/styrene copolymerization by (aryloxo)(cyclopentadienyl)titanium complexes-MAO catalyst systems. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 4162-4174	2.5	23



169	Olefin polymerization and copolymerization with soluble transition-metal complex catalysts. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 4613-4626	2.5	23
168	Effect of Terminal Aryloxo Ligands in Ethylene Polymerization Using Titanatranes of the Type, [Ti(OAr){O-2,4-R <sub>2</sub> C <sub>6</sub> H <sub>2</sub> }-6-CH <sub>2</sub> }] <sub>3</sub> N]: Synthesis and Structural Analysis of the Heterobimetallic Complexes of Titanatranes with AlMe <sub>3</sub> . <i>Organometallics</i> , <b>2012</b> , 31, 8237-8248	3.8	22
167	A practical convenient homogeneous palladium-phosphine catalysis for hydrocarbonylation of chlorobenzenes. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 120, L9-L11		22
166	Efficient Selective Reduction of Aromatic Nitro Compounds Affording Aromatic Amines under CO/H <sub>2</sub> O Conditions Catalyzed by Amine-Added Rhodium Carbonyl Complexes. <i>Bulletin of the Chemical Society of Japan</i> , <b>1991</b> , 64, 2624-2628	5.1	22
165	XAS Analysis of Reactions of (Arylimido)vanadium(V) Dichloride Complexes Containing Anionic NHC That Contains a Weakly Coordinating B(CF) Moiety (WCA-NHC) or Phenoxide Ligands with Al Alkyls: A Potential Ethylene Polymerization Catalyst with WCA-NHC Ligands. <i>ACS Omega</i> , <b>2019</b> , 4, 18833-18845	3.9	21
164	Synthesis and Structural Analysis of (Imido)vanadium Dichloride Complexes Containing 2-(2'-Benzimidazolyl)pyridine Ligands: Effect of Al Cocatalyst for Efficient Ethylene (Co)polymerization. <i>ACS Omega</i> , <b>2017</b> , 2, 8660-8673	3.9	21
163	Acyclic Diene Metathesis (ADMET) Polymerization for Precise Synthesis of Defect-Free Conjugated Polymers with Well-Defined Chain Ends. <i>Catalysts</i> , <b>2015</b> , 5, 500-517	4	21
162	Precise synthesis of end-functionalized oligo(2,5-dialkoxy-1,4-phenylene vinylene)s with controlled repeat units via combined olefin metathesis and Wittig-type coupling. <i>Organic Letters</i> , <b>2013</b> , 15, 1618-21	6.2	21
161	Synthesis of Isoxazolino Norbornene Derivatives Containing Sugar Residues by 1,3-Dipolar Cycloaddition and Their Application to the Synthesis of Neoglycopolymers by Living Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2006</b> , 39, 3147-3153	5.5	21
160	Photocatalytic dehydrogenation of methanol using [IrH(SnCl <sub>3</sub> ) <sub>5</sub> ] <sub>3</sub> complex. <i>Journal of Molecular Catalysis</i> , <b>1994</b> , 89, 143-149		21
159	Precise one-pot synthesis of fully conjugated end-functionalized star polymers containing poly(fluorene-2,7-vinylene) (PFV) arms. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 380-388	4.9	20
158	Synthesis of Half-Titanocenes Containing Anionic N-Heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety, Cp*TiX <sub>2</sub> (WCA-NHC), and Their Use as Catalysts for Ethylene (Co)polymerization. <i>Organometallics</i> , <b>2019</b> , 38, 3233-3244	3.8	20
157	Synthesis of (1-Adamantylimido)vanadium(V)-alkyl Complexes Containing a Chelate Alkoxo(imino)pyridine Ligand, and Reactions with Alcohols (ROH) That Proceed via Intermediates Formed by Coordination of ROH. <i>Organometallics</i> , <b>2009</b> , 28, 1558-1568	3.8	20
156	Syndiospecific Styrene Polymerization and Ethylene/Styrene Copolymerization Using Half-Titanocenes: Ligand Effects and Some New Mechanistic Aspects. <i>Catalysis Surveys From Asia</i> , <b>2010</b> , 14, 33-49	2.8	20
155	NONBRIDGED HALF-TITANOCENES CONTAINING ANIONIC ANCILLARY DONOR LIGANDS: PROMISING NEW CATALYSTS FOR PRECISE SYNTHESIS OF CYCLIC OLEFIN COPOLYMERS (COCs). <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2008</b> , 26, 513	3.5	20
154	Copolymerization of ethylene with olefin catalyzed by [1,8-C <sub>10</sub> H <sub>6</sub> (NSi <sup>t</sup> BuMe <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> TiCl <sub>2</sub> and [ArN(CH <sub>2</sub> ) <sub>3</sub> NAr] <sub>2</sub> TiCl <sub>2</sub> (Ar=2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) <sub>2</sub> MAO catalyst systems. <i>Polymer</i> , <b>2000</b> , 41, 2755-2764	3.9	20
153	Effects of End-Groups on Photophysical Properties of Poly(9,9-di-n-octylfluorene-2,7-vinylene)s Linked with Metalloporphyrins: Synthesis and Time-Resolved Fluorescence Spectroscopy. <i>Macromolecules</i> , <b>2017</b> , 50, 1803-1814	5.5	19
152	Synthesis of new polyesters by acyclic diene metathesis polymerization of bio-based dienes prepared from eugenol and castor oil (undecenoate).. <i>RSC Advances</i> , <b>2019</b> , 9, 10245-10252	3.7	19

151	Synthesis of (Imido)niobium(V) Alkylidene Complexes That Exhibit High Catalytic Activities for Metathesis Polymerization of Cyclic Olefins and Internal Alkynes. <i>Organometallics</i> , <b>2016</b> , 35, 2773-2777	3.8	19
150	Catalytic One-Pot Synthesis of End-Functionalized Poly(9,9'-di-n-octylfluorenevinylene)s by Acyclic Diene Metathesis (ADMET) Polymerization Using Ruthenium Carbene Catalysts. <i>Macromolecules</i> , <b>2016</b> , 49, 518-526	5.5	19
149	Use of Pyridine-Coated Star-Shaped ROMP Polymer As the Supporting Ligand for Ruthenium-Catalyzed Chemoselective Hydrogen Transfer Reduction of Ketones. <i>Organometallics</i> , <b>2012</b> , 31, 5074-5080	3.8	19
148	Synthesis and structural analysis of titanatranes bearing terminal substituted aryloxo ligands of the type [Ti(OAr){-(O-2,4-Me <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>2</sub> (OCH <sub>2</sub> CH <sub>2</sub> N)} <sub>n</sub> (n = 1, 2): effect of aryloxo substituents in the ethylene polymerization. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9491-500	5.1	19
147	Extremely efficient catalytic reduction of aromatic nitro compounds affording amines using amine-added Rh <sub>6</sub> (CO) <sub>16</sub> catalyst systems under CO/H <sub>2</sub> O conditions. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 66, L11-L13		19
146	Novel selective catalytic reduction of aromatic nitro compounds affording amines using ruthenium carbonyl complex in the presence of NEt <sub>3</sub> under CO/H <sub>2</sub> O conditions. <i>Journal of Molecular Catalysis</i> , <b>1992</b> , 73, L1-L4		19
145	Selective reduction of aromatic nitro compounds affording aromatic amines under CO/H <sub>2</sub> O conditions catalyzed by phosphine-added rhodium and ruthenium carbonyl complexes. <i>Journal of Molecular Catalysis</i> , <b>1993</b> , 78, 273-282		19
144	(Imido)vanadium Complexes as Efficient Catalyst Precursors for Olefin Polymerization/Oligomerization. <i>Catalysis Surveys From Asia</i> , <b>2011</b> , 15, 127-133	2.8	18
143	Tris(pyrazolyl)borate Ti(IV) Complexes Containing Phenoxy Ligands: Effective Catalyst Precursors for Ethylene Polymerization That Proceeds via Cationic Ti(IV) Species. <i>Organometallics</i> , <b>2009</b> , 28, 1942-1949	3.8	18
142	Syndiospecific styrene polymerization by (tert-BuC <sub>5</sub> H <sub>4</sub> )TiCl <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) <sub>2</sub> borate catalyst system. <i>Catalysis Communications</i> , <b>2003</b> , 4, 269-274	3.2	18
141	Synthesis of Poly(arylene vinylene)s with Different End Groups by Combining Acyclic Diene Metathesis Polymerization with Wittig-type Couplings. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5288-5293	16.4	17
140	Synthesis and Reaction Chemistry of Alkylidene Complexes With Titanium, Zirconium, Vanadium, and Niobium: Effective Catalysts for Olefin Metathesis Polymerization and Other Organic Transformations. <i>Advances in Organometallic Chemistry</i> , <b>2017</b> , 68, 93-136	3.8	17
139	Synthesis of titanium(IV) complexes that contain the Bis(silylamide) ligand of the type [1,8-C <sub>10</sub> H <sub>6</sub> (NR) <sub>2</sub> ] <sub>2</sub> and alkene polymerization catalyzed by [1,8-C <sub>10</sub> H <sub>6</sub> (NR) <sub>2</sub> ]TiCl <sub>2</sub> -cocatalyst system. <i>Journal of Molecular Catalysis A</i> , <b>1998</b> , 130, L209-L213		17
138	Selective hydrogen transfer reduction of ketones by recyclable ruthenium complex catalysts containing a ROMP polymer-attached ligand. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 245, 152-160		17
137	Selective Catalytic Reduction of Aromatic Nitro Compounds Affording Amines under CO/H <sub>2</sub> O Conditions Using Amine-added Ruthenium Carbonyl Complexes. <i>Chemistry Letters</i> , <b>1991</b> , 20, 1679-1682	1.7	17
136	Facile selective reduction of aromatic nitro compounds affording amines using Rh <sub>4</sub> (CO) <sub>12</sub> -9,10-diaminophenanthrene catalyst system under CO/H <sub>2</sub> O conditions: The effect of 9,10-diaminophenanthrene. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 66, L1-L3		17
135	Time-Resolved Fluorescence Spectra in the End-Functionalized Conjugated Triblock Copolymers Consisting of Poly(fluorene vinylene) and Oligo(phenylene vinylene): Proposal of Dynamical Distortion in the Excited State. <i>Macromolecules</i> , <b>2015</b> , 48, 6233-6240	5.5	16
134	A Facile, Controlled Synthesis of Soluble Star Polymers Containing a Sugar Residue by Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecular Symposia</i> , <b>2010</b> , 293, 53-57	0.8	16

133	Novel reduction of aromatic nitro compounds affording amines using CO and water catalysed by phosphine-added Rh(CO) <sub>2</sub> (acac) complexes. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 66, L19-L21		16
132	Selective catalytic reduction of aromatic nitro compounds using CO and water with highly active rhodium-phosphine chelate complexes. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 65, L5-L7		16
131	Photocatalytic dehydrogenation of 2-propanol with carbonyl(halogeno)phosphine-rhodium complexes. <i>Journal of Molecular Catalysis</i> , <b>1989</b> , 52, 99-111		16
130	Vanadyl Di(5- <i>t</i> -butyl-2-(aryliminomethyl)quinolin-8-olate): Synthesis, Characterization, and Ethylene (Co-)Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 1744-1752	2.6	15
129	Unique Reactivity of (Arylimido)vanadium(V)Alkyl Complexes with Phenols: Fast Phenoxy Ligand Exchange in the Presence of Vanadium(V)Alkyls. <i>Organometallics</i> , <b>2011</b> , 30, 3610-3618	3.8	15
128	Synthesis of Half-Titanocenes Containing Aryloxy Ligands Attached to the ROMP Polymer Chain End: Unique Catalyst Precursors for Ethylene (Co)polymerization. <i>Organometallics</i> , <b>2007</b> , 26, 3461-3465	3.8	15
127	Effect of cocatalyst in 1-hexene polymerization by Cp*TiMe <sub>2</sub> (O-2,6- <i>i</i> Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) complex. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 164, 131-135		15
126	Recent Developments in Z-Selective Olefin Metathesis Reactions by Molybdenum, Tungsten, Ruthenium, and Vanadium Catalysts. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 1970-1997	5.6	15
125	Synthesis and structural analysis of phenoxy-substituted half-titanocenes with different anionic ligands, Cp*TiX(Y)(O-2,6- <i>i</i> Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ): Effect of anionic ligands (X,Y) in ethylene/styrene copolymerization. <i>Journal of Molecular Catalysis A</i> , <b>2012</b> , 365, 136-145		14
124	New Approaches in Precise Synthesis of Polyolefins Containing Polar Functionalities by Olefin Copolymerizations Using Transition Metal Catalysts. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2010</b> , 68, 1150-1158	0.2	14
123	Living Ring-Opening Metathesis Polymerization of Norbornenes Containing Acetyl-Protected Carbohydrates Using Well-Defined Molybdenum and Ruthenium Initiators. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 571-576	4.8	14
122	Photoenhanced catalytic dehydrogenation of methanol with tin(II)-coordinated iridium complexes. <i>Journal of Molecular Catalysis</i> , <b>1989</b> , 50, 303-313		14
121	Transition Metal Ketene Complexes as Active Intermediate for Catalytic Carbonylation of Geminal Dibromoalkanes. <i>Chemistry Letters</i> , <b>1986</b> , 15, 1607-1610	1.7	14
120	Synthesis of Bio-Based Aliphatic Polyesters from Plant Oils by Efficient Molecular Catalysis: A Selected Survey from Recent Reports. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 5486-5505	8.3	14
119	Solution XAS Analysis for Exploring the Active Species in Homogeneous Vanadium Complex Catalysis. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 061014	1.5	13
118	Synthesis, structural analysis of the hetero-bimetallic complexes MMe[(O-2,4- <i>t</i> Bu <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>2</sub> ( $\eta$ -O-2,4- <i>t</i> Bu <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> )N][Me <sub>2</sub> Al( $\eta$ -O <i>i</i> Pr)] [M = Zr, Hf] and their use in catalysis for ethylene polymerisation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11632-9	4.3	13
117	Synthesis of (adamantylimido)vanadium(V)-alkyl complexes containing aryloxo ligands and their use as the catalyst precursors for ring-opening metathesis polymerization of norbornene, and ring-opening polymerization of tetrahydrofuran. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 4057-4063	2.3	13
116	Ethylene polymerization and ethylene/1-octene copolymerization using group 4 half-metallocenes containing aryloxo ligands, CpMCl <sub>2</sub> (OAr) [M=Ti, Zr, Hf; Ar=O-2,6-R <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , R= <i>t</i> Bu, Ph]MAO catalyst systems. <i>Journal of Molecular Catalysis A</i> , <b>2009</b> , 303, 102-109		13

115	Synthesis and structural analysis of half-titanocenes containing eta(2)-pyrazolato ligands, and their use in catalysis for ethylene polymerization. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5011-20	5.1	13
114	Effect of Anionic Ancillary Ligand in Ethylene Polymerization Catalyzed by (Arylimido)vanadium Complexes Containing Aryloxo, Ketimide Ligand. <i>Studies in Surface Science and Catalysis</i> , <b>2006</b> , 123-128	1.8	13
113	Hydrogenation of PhCH <sub>2</sub> CHO catalyzed by ruthenium complex containing polymer-attached ligand prepared by living ring-opening metathesis polymerization. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 185, 311-316		13
112	Efficient Norbornene (NBE) Incorporation in Ethylene/NBE Copolymerization by Half-Titanocene Catalysts Containing Chlorinated Aryloxo Ligands. <i>Organometallics</i> , <b>2016</b> , 35, 1895-1905	3.8	13
111	Solution X-Ray Absorption Spectroscopy (XAS) for Analysis of Catalytically Active Species in Reactions with Ethylene by Homogeneous (Imido)vanadium(V) Complexes and Cocatalyst Systems. <i>Catalysts</i> , <b>2019</b> , 9, 1016	4	13
110	Ring opening metathesis polymerization of norbornene and tetracyclododecene with cyclooctene by using (arylimido)vanadium(V)-alkylidene catalyst. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3067-3074	2.5	12
109	Solution XANES and EXAFS analysis of active species of titanium, vanadium complex catalysts in ethylene polymerisation/dimerisation and syndiospecific styrene polymerisation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 8008-8028	4.3	12
108	Ethylene Copolymerization with 4-Methylcyclohexene or 1-Methylcyclopentene by Half-Titanocene Catalysts: Effect of Ligands and Microstructural Analysis of the Copolymers. <i>Macromolecules</i> , <b>2018</b> , 51, 853-863	5.5	12
107	Efficient Terpolymerization of Ethylene and Styrene with 1,7-Octadiene by Aryloxo Modified Half-Titanocenes and Cocatalyst Systems: Efficient Introduction of the Reactive Functionality. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 1785-1791	2.6	12
106	Synthesis of half-titanocenes containing 1,3-imidazolidin-2-iminato ligands of type, Cp*TiCl <sub>2</sub> [1,3-R <sub>2</sub> (CH <sub>2</sub> N) <sub>2</sub> CN]: highly active catalyst precursors in ethylene (co)polymerisation. <i>RSC Advances</i> , <b>2015</b> , 5, 64503-64513	3.7	12
105	Synthesis of Well-Defined Oligo(2,5-dialkoxy-1,4-phenylene vinylene)s by Combined Olefin Metathesis and Wittig-type Coupling: Effect of Conjugation Repeat Units and End Groups Toward Optical Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 1973-1983	2.6	12
104	Donor-acceptor segregated paracyclophanes composed of naphthobipyrrole and stacked fluoroarenes. <i>Organic Letters</i> , <b>2013</b> , 15, 3202-5	6.2	12
103	Half-Titanocenes Containing Anionic Ancillary Donor Ligands: Effective Catalyst Precursors for Ethylene/Styrene Copolymerization. <i>Catalysts</i> , <b>2013</b> , 3, 157-175	4	12
102	Facile in situ generation of highly active (arylimido)vanadium(v)-alkylidene catalysts for the ring-opening metathesis polymerization (ROMP) of cyclic olefins by immediate phenoxy ligand exchange. <i>Chemical Communications</i> , <b>2018</b> , 54, 13559-13562	5.8	12
101	Synthesis of Titanium Complexes Containing an Amine Triphenolate Ligand of the Type [TiX{(O-2,4-R <sub>2</sub> C <sub>6</sub> H <sub>2</sub> )-6-CH <sub>2</sub> }) <sub>3</sub> N] and the Ti-Al Heterobimetallic Complexes with AlMe <sub>3</sub> : Effect of a Terminal Donor Ligand in Ethylene Polymerization. <i>Organometallics</i> , <b>2015</b> , 34, 3272-3281	3.8	11
100	Solution XAS Analysis for Exploring Active Species in Syndiospecific Styrene Polymerization and 1-Hexene Polymerization Using Half-Titanocene/MAO Catalysts: Significant Changes in the Oxidation State in the Presence of Styrene. <i>Organometallics</i> , <b>2019</b> , 38, 4497-4507	3.8	11
99	Effect of Cocatalyst in Ethylene/Styrene Copolymerization by Aryloxo-Modified Half-Titanocene/Cocatalyst Systems for Exclusive Synthesis of Copolymers at High Styrene Concentrations. <i>Macromolecular Reaction Engineering</i> , <b>2012</b> , 6, 351-356	1.5	11
98	Ethylene Polymerization by Phenoxy Substituted Tris(pyrazolyl)borate Ti(IV) Methyl Complexes. <i>Macromolecules</i> , <b>2011</b> , 44, 773-777	5.5	11



97	Synthesis of Mono-, Di-, and Trinuclear Rhodium Diphosphine Complexes Containing Light-Harvesting Fluorene Backbones. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 1027-1030	5.1	10
96	Synthesis and structural analysis of half-titanocenes containing 1,3-imidazolidin-2-iminato ligands: Effect of ligand substituents in ethylene (co)polymerization. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 798, 375-383	2.3	10
95	Effect of aryloxo substituents in ethylene polymerisation by tris(pyrazolyl)borate titanium(IV) complexes containing aryloxo ligands of type, TpTiCl <sub>2</sub> (OAr). <i>Dalton Transactions</i> , <b>2009</b> , 9052-7	4.3	10
94	Co <sub>2</sub> (CH <sub>2</sub> =C=O)(CO) <sub>7</sub> as an Active Intermediate for Cobalt-catalyzed Alkoxy carbonylation of CH <sub>2</sub> Br <sub>2</sub> . <i>Chemistry Letters</i> , <b>1989</b> , 18, 1983-1986	1.7	10
93	Synthesis of Biobased Long-Chain Polyesters by Acyclic Diene Metathesis Polymerization and Tandem Hydrogenation and Depolymerization with Ethylene. <i>ACS Omega</i> , <b>2020</b> , 5, 18301-18312	3.9	10
92	Efficient Conversion of Renewable Unsaturated Fatty Acid Methyl Esters by Cross-Metathesis with Eugenol. <i>ACS Omega</i> , <b>2018</b> , 3, 11041-11049	3.9	10
91	Olefin Polymerization by Vanadium Complex Catalysts <b>2018</b> , 313-337		9
90	Efficient synthesis of 2,3-dimethylbutenes by dimerization of propylene using nickel-phosphine catalyst in the presence of strong sulfonic acids and/or dialkyl sulfates. Remarkable effect of strong sulfonic acids and/or dialkyl sulfates. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 126, L93-L97		9
89	Transition metal catalyzed chemospecific reduction of aromatic nitro compounds, and hydrocarbonylation of chlorobenzenes under CO/H <sub>2</sub> O conditions. <i>Catalysis Surveys From Asia</i> , <b>1998</b> , 2, 59-69		9
88	Synthesis of Titanatranes Containing Bis(aryloxo)-(alkoxo)amines and their Use in Catalysis for Ethylene Polymerization. <i>Macromolecular Symposia</i> , <b>2007</b> , 260, 133-139	0.8	9
87	Time-dependent DFT study of the K-edge spectra of vanadium and titanium complexes: effects of chloride ligands on pre-edge features. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 674-682	3.6	9
86	One-pot Synthesis of End-functionalized Conjugated Polymers by Combined Acyclic Diene Metathesis (ADMET) Polymerization Using Molybdenum Catalyst with Wittig-type Coupling. <i>Journal of the Japan Petroleum Institute</i> , <b>2016</b> , 59, 197-203	1	9
85	Dialkylaluminum 2-substituted 6,6-dimethylcyclopentylpyridin-7-oxylates toward structural-differentiation of the ring-opening polymerization of ε-caprolactone and l-lactides. <i>Dalton Transactions</i> , <b>2019</b> , 48, 4157-4167	4.3	9
84	Solution XAS Analysis of Various (Imido)vanadium(V) Dichloride Complexes Containing Monodentate Anionic Ancillary Donor Ligands: Effect of Aluminium Cocatalyst in Ethylene/Norbornene (Co)polymerization. <i>Journal of the Japan Petroleum Institute</i> , <b>2018</b> , 61, 282-287	1	9
83	On-demand hydrogen production from formic acid by light-active dinuclear iridium catalysts. <i>Chemical Communications</i> , <b>2020</b> , 56, 4519-4522	5.8	8
82	One-pot synthesis of end-functionalised soluble star-shaped polymers by living ring-opening metathesis polymerisation using a molybdenum-alkylidene catalyst.. <i>RSC Advances</i> , <b>2018</b> , 8, 27703-27708	3.7	8
81	Efficient terpolymerization of ethylene and styrene with olefins by aryloxo-modified half-titanocene-based catalysts and cocatalyst systems. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 2565-2574	2.5	8
80	Synthesis of Well-Defined Oligo(2,5-dialkoxy-1,4-phenylene vinylene)s with Chiral End Groups: Unique Helical Aggregations Induced by the Chiral Chain Ends. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16764-8	4.8	8



79	Mono- and bis-amidinate 2,6-xilylimido vanadium chlorides: synthesis, structure, and reactivity. <i>Dalton Transactions</i> , <b>2010</b> , 39, 5643-9	4.3	8
78	Synthesis and Structural Analysis of ZrAl Heterobimetallic Complexes, [ZrX{(O-2,4-tBu <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>3</sub> (O-2,4-tBu <sub>2</sub> -C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>3</sub> N}][R <sub>2</sub> Al(OiPr)] [X = Cl, Et, iBu; R = Me, Et, iBu]. Unique Reactivity of the iBu Complex. <i>Organometallics</i> , <b>2016</b> , 35, 866-874	3.8	7
77	Synthesis and structural analysis of aryloxo-modified trinuclear half-titanocenes, and their use as catalyst precursors for ethylene polymerisation. <i>RSC Advances</i> , <b>2017</b> , 7, 41345-41358	3.7	7
76	Introduction of reactive functionality by the incorporation of divinylbiphenyl in ethylene copolymerization with styrene or 1-hexene using aryloxo-modified half-titanocenes and MAO catalysts. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 2581-2587	2.5	7
75	1-Hexene polymerization by CpTiX <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) [X: Cl, Me] in the presence of MAO- and MMAO-modified carbonaceous supports. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 319, 85-91		7
74	Cobalt-catalyzed aminocarbonylation of geminal dihaloalkanes. Formation of 2-aminoamide and malonamide derivatives. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 781-784	2	7
73	(Arylimido)niobium(V) Complexes Containing 2-Pyridylmethylanilido Ligand as Catalyst Precursors for Ethylene Dimerization That Proceeds via Cationic Nb(V) Species. <i>Organometallics</i> , <b>2019</b> , 38, 1544-1559	3.8	6
72	Light-driven catalytic hydrogenation of carbon dioxide at low-pressure by a trinuclear iridium polyhydride complex. <i>Chemical Communications</i> , <b>2019</b> , 55, 5087-5090	5.8	6
71	CuPd Dinuclear Complexes with Earth-Abundant Cu Photosensitizer: Synthesis and Photopolymerization. <i>Organometallics</i> , <b>2020</b> , 39, 2464-2469	3.8	6
70	Cross metathesis of methyl oleate (MO) with terminal, internal olefins by ruthenium catalysts: factors affecting the efficient MO conversion and the selectivity. <i>RSC Advances</i> , <b>2016</b> , 6, 100925-100930	3.7	6
69	Synthesis of ultrahigh molecular weight polymers by homopolymerisation of higher olefins catalysed by aryloxo-modified half-titanocenes. <i>RSC Advances</i> , <b>2016</b> , 6, 16203-16207	3.7	6
68	Synthesis of di- and trinuclear iridium polyhydride complexes surrounded by light-absorbing ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 12046-12050	4.3	6
67	Effects of terthiophene as the end-groups in triblock copolymers consisting of poly(fluorene vinylene) and oligo(phenylene vinylene): Time-resolved fluorescence and its anisotropy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 349, 18-24	4.7	6
66	Synthesis and Structural Analysis of Palladium(II) Complexes Containing Neutral or Anionic -Symmetric Bis(oxazoline) Ligands: Effects of Substituents in the 5-Position. <i>ACS Omega</i> , <b>2017</b> , 2, 3886-3900	3.8	6
65	Synthesis and structural analysis of niobium(V) complexes containing amine triphenolate ligands of the type, [NbCl(X)(O-2,4-R <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>3</sub> N] (R = Me, Bu; X = Cl, CF <sub>3</sub> SO <sub>3</sub> ), and their use in catalysis for ethylene polymerization. <i>Polyhedron</i> , <b>2017</b> , 125, 9-17	2.7	6
64	Synthesis and structural analysis of tungsten-carbonyl dimers bridged with oligo(2,5-dialkoxy-1,4-phenylene vinylene)s through pyridine coordination. <i>Dalton Transactions</i> , <b>2015</b> , 44, 16728-36	4.3	6
63	(Imido)vanadium(V)-alkyl, Alkylidene Complexes Exhibiting Unique Reactivities towards Olefins, Phenols, and Benzene via 1,2-C-H Bond Activation. <i>Journal of the Chinese Chemical Society</i> , <b>2012</b> , 59, 139-148	1.5	6
62	Some reactions of Cp*TiMe <sub>2</sub> (OAr) and Cp*TiMe(CF <sub>3</sub> SO <sub>3</sub> )(OAr) with 5-hexen-1-ol and 3-buten-1-ol, structural analysis for Cp*Ti(CF <sub>3</sub> SO <sub>3</sub> )[OCH <sub>2</sub> (CH <sub>2</sub> ) <sub>3</sub> CH <sub>2</sub> ](OAr) (OAr=O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 517-522	3.1	6

61	Synthesis of Soluble Star-Shaped Polymers via In and Out Approach by Ring-Opening Metathesis Polymerization (ROMP) of Norbornene: Factors Affecting the Synthesis. <i>Catalysts</i> , <b>2018</b> , 8, 670	4	6
60	Synthesis of Ultrahigh Molecular Weight Polymers with Low PDIs by Polymerizations of 1-Decene, 1-Dodecene, and 1-Tetradecene by Cp*TiMe(O-2,6-PrCH) <sub>2</sub> Borate Catalyst. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
59	Terthiophene Functionalized Conjugated Triarm Polymers Containing Poly(fluorene-2,7-vinylene) Arms Having Different Cores-Synthesis and Their Unique Optical Properties. <i>ACS Omega</i> , <b>2018</b> , 3, 5052-5063	3.9	5
58	Synthesis of (Arylimido)niobium(V) Complexes Containing Ketimide, Phenoxide Ligands, and Some Reactions with Phenols and Alcohols. <i>ACS Omega</i> , <b>2018</b> , 3, 6166-6181	3.9	5
57	Olefin Polymerization with Non-metallocene Catalysts (Early Transition Metals). <i>Lecture Notes in Quantum Chemistry II</i> , <b>2014</b> , 89-117	0.6	5
56	Ethylene Polymerization Using (Imino)vanadium(V) Dichloride Complexes Containing (Anilido)methyl-pyridine, -quinoline Ligands Halogenated Al Alkyls Catalyst Systems. <i>Catalysts</i> , <b>2013</b> , 3, 148-156	4	5
55	Selective head-to-tail dimer formation from acrylonitrile catalyzed by phosphine-added nickel(O) complexes. <i>Journal of Molecular Catalysis</i> , <b>1991</b> , 68, L5-L7		5
54	Selective dimerization of acrylonitrile affording methyleneglutaronitrile (2,4-dicyanobutene) catalyzed by Ni(0) complexes in the presence of phosphine. <i>Journal of Molecular Catalysis</i> , <b>1992</b> , 73, L15-L19		5
53	The Effect of SiMe and SiEt Para Substituents for High Activity and Introduction of a Hydroxy Group in Ethylene Copolymerization Catalyzed by Phenoxide-Modified Half-Titanocenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23072-23076	16.4	5
52	The synthesis of cyclic olefin copolymers (COCs) by ethylene copolymerisations with cyclooctene, cycloheptene, and with tricyclo[6.2.1.0(2,7)]undeca-4-ene: the effects of cyclic monomer structures on thermal properties. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 5590-5600	4.9	5
51	Efficient synthesis of cyclic olefin copolymers with high glass transition temperatures by ethylene copolymerization with tetracyclododecene using (tert-BuC <sub>5</sub> H <sub>4</sub> )TiCl <sub>2</sub> (N=CtBu <sub>2</sub> )MAO catalyst. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 2662-2667	2.5	5
50	Reactions of (Arylimido)vanadium(V)-Trialkyl Complexes with Phenols: Effects of Arylimido Ligands and Phenols for Formation of the Vanadium Phenoxides. <i>ACS Omega</i> , <b>2019</b> , 4, 5818-5828	3.9	4
49	cis-Specific ring opening metathesis polymerisation (ROMP) of cyclic olefins using (pentafluorophenylimido)vanadium(V)-alkylidene, V(CHSiMe <sub>3</sub> )(NC <sub>6</sub> F <sub>5</sub> )[OC(CF <sub>3</sub> ) <sub>3</sub> ](PMe <sub>3</sub> ) <sub>2</sub> . <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 5840-5846	5.5	4
48	Direct observation of catalytically active species in reaction solution by X-ray absorption spectroscopy (XAS). <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, 100502	1.4	4
47	Diradical Character of Benzo- and Naphtho-Annulated ThiophenePyrrole Mixed Oligomer Dications. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 722	1.2	4
46	Olefin Polymerization with Half-Metallocene Catalysts. <i>Lecture Notes in Quantum Chemistry II</i> , <b>2014</b> , 51-88	6	4
45	Ethylene Homopolymerization and Ethylene/Norbornene Copolymerization by VCl <sub>2</sub> (N-2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )(O-2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) - Chlorinated Al Cocatalyst Systems. <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 305-308	1.8	4
44	Fluorinated alcohol modified nickel phosphine catalyst system for efficient dimerization of propylene. <i>Journal of Molecular Catalysis A</i> , <b>1999</b> , 137, 1-14		4

43	A Greener Approach for Synthesis of Functionalized Polyolefins by Introducing Reactive Functionality into Ethylene Copolymers. <i>Green and Sustainable Chemistry</i> , <b>2014</b> , 04, 133-143	0.3	4
42	Recent Progress for Synthesis of Advanced Functional Materials by Olefin Metathesis Polymerization: Controlled Synthesis of Multi-Block, Brush, Star Polymers for Precise Placement/Integration of Functionality. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2019</b> , 74, 28-34	0.2	4
41	Vanadium(V) Arylimido Alkylidene N-Heterocyclic Carbene Alkyl and Perhalophenoxy Alkylidenes for the Cis, Syndiospecific Ring Opening Metathesis Polymerization of Norbornene. <i>Organometallics</i> , <b>2021</b> , 40, 2017-2022	3.8	4
40	(Arylimido)vanadium(V)-Alkylidene Complexes as Catalysts for Ring-opening Metathesis Polymerization (ROMP) of Cyclic Olefins: Ligand Design for Exhibiting the High Activity. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2019</b> , 37, 943-950	3.5	3
39	Well-Defined End-Functionalized Conjugated Polymers/Oligomers Exhibiting Unique Emission Properties through the End Groups: The Exclusive Synthesis by Combined Olefin Metathesis with Wittig-type Coupling. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1900307	3.9	3
38	Vanadium NMR Chemical Shifts of (Imido)vanadium(V) Dichloride Complexes with Imidazolin-2-iminato and Imidazolidin-2-iminato Ligands: Cooperation with Quantum-Chemical Calculations and Multiple Linear Regression Analyses. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 9099-9105	2.8	3
37	Synthesis of Ultrahigh Molecular Weight Polymers Containing Reactive Functionality with Low PDIs by Polymerizations of Long-Chain Olefins in the Presence of Their Nonconjugated Dienes by Cp*TiMe(O-2,6-PrCH)-Borate Catalyst. <i>Polymers</i> , <b>2019</b> , 12,	4.5	3
36	Phenoxide-Modified Half-Titanocenes Supported on Star-Shaped ROMP Polymers as Catalyst Precursors for Ethylene Copolymerization. <i>Organometallics</i> , <b>2020</b> , 39, 2998-3009	3.8	3
35	(Arylimido)niobium(V) Alkylidenes, Nb(CHSiMe <sub>3</sub> )(NAr)[OC(CF <sub>3</sub> ) <sub>3</sub> ](PMe <sub>3</sub> ) <sub>2</sub> , That Enable to Proceed Living Metathesis Polymerization of Internal Alkynes. <i>Macromolecules</i> , <b>2020</b> , 53, 5266-5279	5.5	2
34	Ethylene/2-Methyl-1-Pentene Copolymerization Catalyzed by Half-Titanocenes Containing Aryloxo Ligand: Effect of Cyclopentadienyl Fragment. <i>Studies in Surface Science and Catalysis</i> , <b>2006</b> , 161, 179-184	1.8	2
33	Effect of Catalyst Loading in Olefin Polymerization Catalyzed by Supported Half-Titanocenes on Polystyrene through Phenoxy Linkage. <i>Studies in Surface Science and Catalysis</i> , <b>2006</b> , 213-218	1.8	2
32	Transesterification of Ethyl-10-undecenoate Using a Cu-Deposited VO Catalyst as a Model Reaction for Efficient Conversion of Plant Oils to Monomers and Fine Chemicals.. <i>ACS Omega</i> , <b>2022</b> , 7, 4372-4380	3.9	2
31	Late Transition Metal Complex Catalysts for Olefin Polymerization.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2000</b> , 58, 293-305	0.2	2
30	Efficient introduction of aromatic vinyl group by incorporation of divinylbiphenyl, p-divinylbenzene in syndiospecific styrene polymerization using aryloxo-modified half-titanocene catalysts. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 1902-1907	2.5	2
29	Synthesis of ethylene/norbornene/1-octene terpolymers with high 1-octene contents, molar masses, and tunable Tg values, in high yields using half-titanocene catalysts. <i>Polymer Chemistry</i> ,	4.9	2
28	(Imido)Vanadium Complex Catalysts for Efficient Ring-Opening Metathesis Polymerization of Cyclic Olefins. <i>Kobunshi Ronbunshu</i> , <b>2018</b> , 75, 543-550	0	2
27	Synthesis and Photocatalytic Activities of Dinuclear Iridium Polyhydride Complexes Bearing BINAP Ligands. <i>Organometallics</i> , <b>2019</b> , 38, 2408-2411	3.8	1
26	Facile, Efficient Synthesis of Star-Shaped Conjugated Systems by Combined Olefin Metathesis with Wittig-type Coupling. <i>Journal of the Chinese Chemical Society</i> , <b>2018</b> , 65, 317-324	1.5	1

25	Interaction between the end groups and the main chain of conjugated polymers by time-resolved EPR and fluorescence spectroscopy. <i>Molecular Physics</i> , <b>2019</b> , 117, 2664-2672	1.7	1
24	Effect of supported MAO cocatalysts in ethylene polymerization and ethylene/1-hexene copolymerization using Cp*TiCl <sub>2</sub> (O-2,6-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) catalyst. <i>Molecular Catalysis</i> , <b>2019</b> , 475, 110490	3.3	1
23	Synthesis of 2,3-Dimethylbutenes by Dimerization of Propene Using Highly Active Nickel-Phosphine Catalysts in the Presence of Sulfonic Acids and/or Dialkyl Sulfates. <i>Bulletin of the Chemical Society of Japan</i> , <b>1997</b> , 70, 2671-2676	5.1	1
22	Ligand Effect in Syndiospecific Styrene Polymerization and Ethylene/Styrene Copolymerization by Some Nonbridged Half-Titanocenes Containing Anionic Donor Ligands. <i>Studies in Surface Science and Catalysis</i> , <b>2006</b> , 161, 147-152	1.8	1
21	Ring Opening Metathesis Polymerization of Norbornene Catalyzed by V(CH <sub>2</sub> SiMe <sub>3</sub> ) <sub>2</sub> (N-2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )(N=CtBu <sub>2</sub> ). In situ generation of the Vanadium-Alkylidene. <i>Studies in Surface Science and Catalysis</i> , <b>2006</b> , 161, 175-178	1.8	1
20	18 Effect of cyclopentadienyl fragment in polymerization of ethylene, propylene, and styrene by nonbridged half-metallocene type titanium and zirconium complexes of the type, Cp* <sub>2</sub> MCl <sub>2</sub> [N(2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )(SiMe <sub>3</sub> )], -MAO catalyst systems. <i>Studies in Surface Science and Catalysis</i> , <b>2003</b> , 121-124	1.8	1
19	Synthesis of Titanium(IV) Complexes that Contain the Bis(silylamide) Ligand of the Type [1,8-C <sub>10</sub> H <sub>6</sub> (NR) <sub>2</sub> ] <sub>2</sub> - (R=SiMe <sub>3</sub> , Si <sup>t</sup> BuMe <sub>2</sub> , Si <sup>i</sup> Pr <sub>3</sub> ), and Olefin Polymerization Catalyzed by the [1,8-C <sub>10</sub> H <sub>6</sub> (NR) <sub>2</sub> ] TiX <sub>2</sub> (X=Cl, Br)- cocatalyst System. <i>Studies in Surface Science and Catalysis</i> , <b>1999</b> , 121, 469-472	1.8	1
18	Synthesis and Structural Analysis of Four Coordinate (Arylimido)niobium(V) Dimethyl Complexes Containing Phenoxide Ligand: MAO-Free Ethylene Polymerization by the Cationic Nb(V) Methyl Complex. <i>Organometallics</i> , <b>2020</b> , 39, 3742-3758	3.8	1
17	Norbornene-Functionalized Plant Oils for Biobased Thermoset Films and Binders of Silicon-Graphite Composite Electrodes. <i>ACS Omega</i> , <b>2020</b> , 5, 29678-29687	3.9	1
16	The Effect of SiMe <sub>3</sub> and SiEt <sub>3</sub> Para Substituents for High Activity and Introduction of a Hydroxy Group in Ethylene Copolymerization Catalyzed by Phenoxide-Modified Half-Titanocenes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23272-23276	3.6	1
15	Synchronization in Non-Mirror-Symmetrical Chirogenesis: Non-Helical Conjugated Polymers with Helical Polysilane Copolymers in Co-Colloids. <i>Symmetry</i> , <b>2021</b> , 13, 594	2.7	1
14	Ethylene Copolymerization with Limonene and Pinene: New Bio-Based Polyolefins Prepared by Coordination Polymerization. <i>Macromolecules</i> , <b>2021</b> , 54, 4693-4703	5.5	1
13	Effect of para-Substituents in Ethylene Copolymerizations with 1-Decene, 1-Dodecene, and with 2-Methyl-1-Pentene Using Phenoxide Modified Half-Titanocenes-MAO Catalyst Systems. <i>ChemistryOpen</i> , <b>2021</b> , 10, 867-876	2.3	1
12	Synthesis of Semicrystalline Long Chain Aliphatic Polyesters by ADMET Copolymerization of Dianhydro-D-glucityl bis(undec-10-enoate) with 1,9-Decadiene and Tandem Hydrogenation. <i>Catalysts</i> , <b>2021</b> , 11, 1098	4	1
11	Light-Assisted Catalytic Hydrogenation of Carbon Dioxide at a Low Pressure by a Dinuclear Iridium Polyhydride Complex. <i>Organometallics</i> , <b>2021</b> , 40, 98-101	3.8	1
10	Solution XAS Analysis for Reactions of Phenoxide-Modified (Arylimido)vanadium(V) Dichloride and (Oxo)vanadium(V) Complexes with Al Alkyls: Effect of Al Cocatalyst in Ethylene (Co)polymerization. <i>Catalysts</i> , <b>2022</b> , 12, 198	4	0
9	Synthesis of Amorphous Ethylene Copolymers with 2-Vinylnaphthalene, 4-Vinylbiphenyl and 1-(4-Vinylphenyl)naphthalene. <i>Macromolecules</i> , <b>2021</b> , 54, 83-93	5.5	0
8	Ring Opening Metathesis Polymerization (ROMP) of Norbornenes by (Arylimido)Niobium(V) Alkylidene Catalysts, Nb(CHSiMe <sub>3</sub> )(NAr)[OC(CF <sub>3</sub> ) <sub>3</sub> ](PMe <sub>3</sub> ) <sub>2</sub> . <i>Journal of the Japan Petroleum Institute</i> , <b>2021</b> , 64, 238-244	1	0

7	Analysis of Ethylene Copolymers with Long-Chain $\alpha$ -Olefins (1-Dodecene, 1-Tetradecene, 1-Hexadecene): A Transition between Main Chain Crystallization and Side Chain Crystallization.. <i>ACS Omega</i> , <b>2022</b> , 7, 6900-6910	3.9	o
6	Synthesis of Poly(arylene vinylene)s with Different End Groups by Combining Acyclic Diene Metathesis Polymerization with Wittig-type Couplings. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5372-5377	3.6	
5	Innenrücktitelbild: Synthesis of Poly(arylene vinylene)s with Different End Groups by Combining Acyclic Diene Metathesis Polymerization with Wittig-type Couplings (Angew. Chem. 19/2017). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5455-5455	3.6	
4	Copolymerization of Ethylene with Styrene: Design of Efficient Transition Metal Complex Catalysts60-91		
3	Observation of Intramolecular Interaction in Fluorescent Star-Shaped Polymers: Evidence for Energy Hopping between Branch Chains. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 11510-11518	3.4	
2	Theoretical Studies of Reaction Mechanisms for Half-Titanocene-Catalyzed Styrene Polymerization, Ethylene Polymerization, and Styrene/Ethylene Copolymerization: Roles of the Neutral Ti(III) and the Cationic Ti(IV) Species. <i>Organometallics</i> , <b>2021</b> , 40, 643-653	3.8	
1	Star-Shaped ROMP Polymers Coated with Oligothiophenes That Exhibit Unique Emission.. <i>ACS Omega</i> , <b>2022</b> , 7, 13270-13279	3.9	