

# Kotohiro Nomura

## List of Publications by Year in descending order

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297  
papers

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30070

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307  
docs citations

307  
times ranked

3545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organometallic Complexes of Group 5 Metals With Metal-Carbon Sigma and Multiple Bonds. , 2022, , 587-650.		3
2	Transesterification of Ethyl-10-undecenoate Using a Cu-Deposited V2O5 Catalyst as a Model Reaction for Efficient Conversion of Plant Oils to Monomers and Fine Chemicals. ACS Omega, 2022, 7, 4372-4380.	3.5	4
3	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. Catalysts, 2022, 12, 198.	3.5	5
4	Analysis of Ethylene Copolymers with Long-Chain $\hat{1}\pm$ -Olefins (1-Dodecene, 1-Tetradecene, 1-Hexadecene): A Transition between Main Chain Crystallization and Side Chain Crystallization. ACS Omega, 2022, 7, 6900-6910.	3.5	9
5	Star-Shaped ROMP Polymers Coated with Oligothiophenes That Exhibit Unique Emission. ACS Omega, 2022, 7, 13270-13279.	3.5	1
6	High Conversion of CaO-Catalyzed Transesterification of Vegetable Oils with Ethanol. Journal of Oleo Science, 2022, 71, 1051-1062.	1.4	5
7	La( $\langle\text{sc}\rangle\text{iii}\langle\text{sc}\rangle$ )-Catalysed degradation of polyesters to monomers via $\langle\text{i}\rangle$ transesterifications. Chemical Communications, 2022, 58, 8141-8144.	4.1	13
8	Synthesis of Amorphous Ethylene Copolymers with 2-Vinylnaphthalene, 4-Vinylbiphenyl and 1-(4-Vinylphenyl)naphthalene. Macromolecules, 2021, 54, 83-93.	4.8	6
9	Synthesis of ethylene- $\hat{1}$ -norbornene- $\hat{1}$ -octene terpolymers with high 1-octene contents, molar masses, and tunable $\langle\text{i}\rangle\text{T}\langle\text{i}\rangle\langle\text{sub}\rangle\text{g}\langle\text{sub}\rangle$ values, in high yields using half-titanocene catalysts. Polymer Chemistry, 2021, 12, 4372-4383.	3.9	6
10	Theoretical Studies of Reaction Mechanisms for Half-Titanocene-Catalyzed Styrene Polymerization, Ethylene Polymerization, and Styrene- $\hat{1}$ -Ethylene Copolymerization: Roles of the Neutral Ti(III) and the Cationic Ti(IV) Species. Organometallics, 2021, 40, 643-653.	2.3	1
11	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.	6.7	43
12	Synchronization in Non-Mirror-Symmetrical Chirogenesis: Non-Helical $\hat{1}$ -Conjugated Polymers with Helical Polysilane Copolymers in Co-Colloids. Symmetry, 2021, 13, 594.	2.2	4
13	Ethylene Copolymerization with Limonene and $\hat{1}^2$ -Pinene: New Bio-Based Polyolefins Prepared by Coordination Polymerization. Macromolecules, 2021, 54, 4693-4703.	4.8	12
14	Vanadium(V) Arylimido Alkylidene N-Heterocyclic Carbene Alkyl and Perhalophenoxy Alkylidenes for the Cis, Syndiospecific Ring Opening Metathesis Polymerization of Norbornene. Organometallics, 2021, 40, 2017-2022.	2.3	16
15	Effect of $\langle\text{i}\rangle\text{para}\langle\text{i}\rangle$ -Substituents in Ethylene Copolymerizations with $\hat{1}$ -Decene, $\hat{1}$ -Dodecene, and with $\hat{2}$ -Methyl- $\hat{1}$ -Pentene Using Phenoxide Modified Half-Titanocenes-MAO Catalyst Systems. ChemistryOpen, 1.9 2021, 10, 867-876.		3
16	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. Catalysts, 2021, 11, 1098.	3.5	10
17	Ring Opening Metathesis Polymerization (ROMP) of Norbornenes by (Arylimido)Niobium(V)- $\hat{1}$ -Alkylidene Catalysts, Nb(CHSiMe $\langle\text{sub}\rangle$ 3 $\langle\text{sub}\rangle$ )(NAr)[OC(CF $\langle\text{sub}\rangle$ 3 $\langle\text{sub}\rangle$ ) $\langle\text{sub}\rangle$ 3 $\langle\text{sub}\rangle$ ](PMe $\langle\text{sub}\rangle$ 3 $\langle\text{sub}\rangle$ ) $\langle\text{sub}\rangle$ 2 $\langle\text{sub}\rangle$ . Journal of the Japan Petroleum Institute, 2021, 64, 238-244.	0.6	2
18	Recent Developments in $\hat{1}$ -Selective Olefin Metathesis Reactions by Molybdenum, Tungsten, Ruthenium, and Vanadium Catalysts. Advanced Synthesis and Catalysis, 2021, 363, 1970-1997.	4.3	37

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19	Light-Assisted Catalytic Hydrogenation of Carbon Dioxide at a Low Pressure by a Dinuclear Iridium Polyhydride Complex. <i>Organometallics</i> , 2021, 40, 98-101.	2.3	5
20	Ethylene/Myrcene Copolymers as New Bio-Based Elastomers Prepared by Coordination Polymerization Using Titanium Catalysts. <i>Macromolecules</i> , 2021, 54, 10049-10058.	4.8	7
21	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> , 2020, 22, 674-682.	2.8	16
22	Synthesis of Ultrahigh Molecular Weight Polymers Containing Reactive Functionality with Low PDIs by Polymerizations of Long-Chain $\alpha$ -Olefins in the Presence of Their Nonconjugated Dienes by $Cp^*TiMe_2(O-2,6-iPr_2C_6H_3) \cdot B(OAr)_4$ Borate Catalyst. <i>Polymers</i> , 2020, 12, 3.	4.5	6
23	Synthesis and Structural Analysis of Four Coordinate (Arylimido)niobium(V) Dimethyl Complexes Containing Phenoxide Ligand: MAO-Free Ethylene Polymerization by the Cationic Nb(V) $\eta^5$ -Methyl Complex. <i>Organometallics</i> , 2020, 39, 3742-3758.	2.3	4
24	Synthesis of Biobased Long-Chain Polyesters by Acyclic Diene Metathesis Polymerization and Tandem Hydrogenation and Depolymerization with Ethylene. <i>ACS Omega</i> , 2020, 5, 18301-18312.	3.5	20
25	Norbornene-Functionalized Plant Oils for Biobased Thermoset Films and Binders of Silicon-Graphite Composite Electrodes. <i>ACS Omega</i> , 2020, 5, 29678-29687.	3.5	3
26	Phenoxide-Modified Half-Titanocenes Supported on Star-Shaped ROMP Polymers as Catalyst Precursors for Ethylene Copolymerization. <i>Organometallics</i> , 2020, 39, 2998-3009.	2.3	8
27	The Effect of $SiMe_3$ and $SiEt_3$ 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> , 2020, 59, 23072-23076.	13.8	18
28	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> , 2020, 11, 5590-5600.	3.9	10
29	The Effect of $SiMe_3$ and $SiEt_3$ Substituents for High Activity and Introduction of a Hydroxy Group in Ethylene Copolymerization Catalyzed by Phenoxide-Modified Half-Titanocenes. <i>Angewandte Chemie</i> , 2020, 132, 23272-23276.	2.0	1
30	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> , 2020, 49, 8008-8028.	3.3	19
31	Catalysis and Fine Chemicals. <i>Catalysts</i> , 2020, 10, 516.	3.5	0
32	(Arylimido)niobium(V) $\eta^5$ -Alkylidenes, $Nb(CHSiMe_3)(NAr)[OC(CF_3)_3](PMe_3)_2$ , That Enable to Proceed Living Metathesis Polymerization of Internal Alkynes. <i>Macromolecules</i> , 2020, 53, 5266-5279.	4.8	12
33	$Cu \cdot Pd$ Dinuclear Complexes with Earth-Abundant Cu Photosensitizer: Synthesis and Photopolymerization. <i>Organometallics</i> , 2020, 39, 2464-2469.	2.3	9
34	On-demand hydrogen production from formic acid by light-active dinuclear iridium catalysts. <i>Chemical Communications</i> , 2020, 56, 4519-4522.	4.1	11
35	<i>cis</i> -Specific ring opening metathesis polymerisation (ROMP) of cyclic olefins using (pentafluorophenylimido)vanadium( $\eta^5$ -alkylidene), $V(CHSiMe_3)(NC_6F_5)[OC(CF_3)_3](PMe_3)_2$ . <i>Catalysis Science and Technology</i> , 2020, 10, 5840-5846.	4.1	12
36	Observation of Intramolecular Interaction in Fluorescent Star-Shaped Polymers: Evidence for Energy Hopping between Branch Chains. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11510-11518.	2.6	1

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37	Interaction between the end groups and the main chain of conjugated polymers by time-resolved EPR and fluorescence spectroscopy. <i>Molecular Physics</i> , 2019, 117, 2664-2672.	1.7	1
38	Synthesis of Half-Titanocenes Containing Anionic N-Heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety, Cp <sup>2</sup> TiX <sub>2</sub> (WCA-NHC), and Their Use as Catalysts for Ethylene (Co)polymerization. <i>Organometallics</i> , 2019, 38, 3233-3244.	2.3	32
39	Effect of supported MAO cocatalysts in ethylene polymerization and ethylene/1-hexene copolymerization using Cp <sup>*</sup> TiCl <sub>2</sub> (O-2,6-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) catalyst. <i>Molecular Catalysis</i> , 2019, 475, 110490.	2.0	1
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> , 2019, 37, 943-950.	3.8	5
41	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> , 2019, 304, 1900307.	3.6	5
42	XAS Analysis of Reactions of (Arylimido)vanadium(V) Dichloride Complexes Containing Anionic NHC That Contains a Weakly Coordinating B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> Moiety (WCA-NHC) or Phenoxide Ligands with Al Alkyls: A Potential Ethylene Polymerization Catalyst with WCA-NHC Ligands. <i>ACS Omega</i> , 2019, 4, 18833-18845.	3.5	33
43	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> , 2019, 38, 4497-4507.	2.3	16
44	Direct observation of catalytically active species in reaction solution by X-ray absorption spectroscopy (XAS). <i>Japanese Journal of Applied Physics</i> , 2019, 58, 100502.	1.5	7
45	Synthesis and Photocatalytic Activities of Dinuclear Iridium Polyhydride Complexes Bearing BINAP Ligands. <i>Organometallics</i> , 2019, 38, 2408-2411.	2.3	2
46	Synthesis of Ultrahigh Molecular Weight Polymers with Low PDIs by Polymerizations of 1-Decene, 1-Dodecene, and 1-Tetradecene by Cp <sup>*</sup> TiMe <sub>2</sub> (O-2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )-Borate Catalyst. <i>Molecules</i> , 2019, 24, 1634.	3.8	11
47	Synthesis of new polyesters by acyclic diene metathesis polymerization of bio-based 1,3-dienes prepared from eugenol and castor oil (undecenoate). <i>RSC Advances</i> , 2019, 9, 10245-10252.	3.6	32
48	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> , 2019, 4, 5818-5828.	3.5	7
49	(Arylimido)niobium(V) Complexes Containing 2-Pyridylmethylanilido Ligand as Catalyst Precursors for Ethylene Dimerization That Proceeds via Cationic Nb(V) Species. <i>Organometallics</i> , 2019, 38, 1544-1559.	2.3	10
50	Light-driven catalytic hydrogenation of carbon dioxide at low-pressure by a trinuclear iridium polyhydride complex. <i>Chemical Communications</i> , 2019, 55, 5087-5090.	4.1	8
51	Dialkylaluminum 2-substituted 6,6-dimethylcyclopentylpyridin-7-oxylates toward structural-differentiation of the ring-opening polymerization of $\epsilon$ -caprolactone and $\epsilon$ -lactides. <i>Dalton Transactions</i> , 2019, 48, 4157-4167.	3.3	16
52	Solution X-Ray Absorption Spectroscopy (XAS) for Analysis of Catalytically Active Species in Reactions with Ethylene by Homogeneous (Imido)vanadium(V) Complexes-Al Cocatalyst Systems. <i>Catalysts</i> , 2019, 9, 1016.	3.5	23
53	Ethylene Copolymerization with 4-Methylcyclohexene or 1-Methylcyclopentene by Half-Titanocene Catalysts: Effect of Ligands and Microstructural Analysis of the Copolymers. <i>Macromolecules</i> , 2018, 51, 853-863.	4.8	19
54	Olefin metathesis polymerization: Some recent developments in the precise polymerizations for synthesis of advanced materials (by ROMP, ADMET). <i>Tetrahedron</i> , 2018, 74, 619-643.	1.9	106

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55	Noticeable Chiral Center Dependence of Signs and Magnitudes in Circular Dichroism (CD) and Circularly Polarized Luminescence (CPL) Spectra of <i>all-trans</i> -Poly(9,9-dialkylfluorene-2,7-vinylene)s Bearing Chiral Alkyl Side Chains in Solution, Aggregates, and Thin Films. <i>Macromolecules</i> , 2018, 51, 2377-2387.	4.8	35
56	Facile, Efficient Synthesis of Star-Shaped $\pi$ -Conjugated Systems by Combined Olefin Metathesis with Wittig-type Coupling. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 317-324.	1.4	1
57	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> , 2018, 8, 670.	3.5	7
58	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> , 2018, 61, 282-287.	0.6	10
59	Facile <i>in situ</i> generation of highly active (arylimido)vanadium( $\pi$ -alkylidene) catalysts for the ring-opening metathesis polymerization (ROMP) of cyclic olefins by immediate phenoxy ligand exchange. <i>Chemical Communications</i> , 2018, 54, 13559-13562.	4.1	15
60	Efficient Conversion of Renewable Unsaturated Fatty Acid Methyl Esters by Cross-Metathesis with Eugenol. <i>ACS Omega</i> , 2018, 3, 11041-11049.	3.5	13
61	(Imido)Vanadium Complex Catalysts for Efficient Ring-Opening Metathesis Polymerization of Cyclic Olefins. <i>Kobunshi Ronbunshu</i> , 2018, 75, 543-550.	0.2	2
62	(Arylimido)Vanadium(V)-Alkylidenes Containing Chlorinated Phenoxy Ligands: Thermally Robust, Highly Active Catalyst in Ring-Opening Metathesis Polymerization of Cyclic Olefins. <i>Organometallics</i> , 2018, 37, 2064-2074.	2.3	37
63	Solution XAS Analysis for Exploring the Active Species in Homogeneous Vanadium Complex Catalysis. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 061014.	1.6	14
64	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> , 2018, 3, 5052-5063.	3.5	5
65	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> , 2018, 8, 27703-27708.	3.6	8
66	Synthesis of di- and trinuclear iridium polyhydride complexes surrounded by light-absorbing ligands. <i>Dalton Transactions</i> , 2018, 47, 12046-12050.	3.3	7
67	Synthesis of (Arylimido)niobium(V) Complexes Containing Ketimide, Phenoxy Ligands, and Some Reactions with Phenols and Alcohols. <i>ACS Omega</i> , 2018, 3, 6166-6181.	3.5	7
68	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> , 2017, 36, 530-542.	2.3	33
69	Synthesis of Mono-, Di-, and Trinuclear Rhodium Diphosphine Complexes Containing Light-Harvesting Fluorene Backbones. <i>Inorganic Chemistry</i> , 2017, 56, 1027-1030.	4.0	12
70	Effects of End-Groups on Photophysical Properties of Poly(9,9-di- <i>n</i> -octylfluorene-2,7-vinylene)s Linked with Metalloporphyrins: Synthesis and Time-Resolved Fluorescence Spectroscopy. <i>Macromolecules</i> , 2017, 50, 1803-1814.	4.8	21
71	Ring opening metathesis polymerization of norbornene and tetracyclododecene with cyclooctene by using (arylimido)vanadium( $\pi$ -alkylidene) catalyst. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3067-3074.	2.3	16
72	Synthesis of vanadium( $\pi$ -alkylidene) complexes and their use as catalysts for ring opening metathesis polymerization. <i>Dalton Transactions</i> , 2017, 46, 12-24.	3.3	62

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73	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> , 2017, 56, 5288-5293.	13.8	24
74	Synthesis of Poly(arylene vinylene)s with Different End Groups by Combining Acyclic Diene Metathesis Polymerization with Wittig-type Couplings. <i>Angewandte Chemie</i> , 2017, 129, 5372-5377.	2.0	0
75	<i>cis</i> -Specific Chain Transfer Ring-Opening Metathesis Polymerization Using a Vanadium(V) Alkylidene Catalyst for Efficient Synthesis of End-Functionalized Polymers. <i>Organometallics</i> , 2017, 36, 4103-4106.	2.3	31
76	Synthesis and structural analysis of aryloxo-modified trinuclear half-titanocenes, and their use as catalyst precursors for ethylene polymerisation. <i>RSC Advances</i> , 2017, 7, 41345-41358.	3.6	10
77	Effects of terthiophene as the end-groups in triblock copolymers consisting of poly(fluorene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Photochemistry and Photobiology A: Chemistry, 2017, 349, 18-24.	3.9	6
78	Synthesis and Structural Analysis of Palladium(II) Complexes Containing Neutral or Anionic <i>cis</i> -Symmetric Bis(oxazoline) Ligands: Effects of Substituents in the 5-Position. <i>ACS Omega</i> , 2017, 2, 3886-3900.	3.5	6
79	InnenrÃ¼cktitelbild: Synthesis of Poly(arylene vinylene)s with Different End Groups by Combining Acyclic Diene Metathesis Polymerization with Wittig-type Couplings ( <i>Angew. Chem.</i> 19/2017). <i>Angewandte Chemie</i> , 2017, 129, 5455-5455.	2.0	0
80	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> , 2017, 121, 9099-9105.	2.5	4
81	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> , 2017, 125, 9-17.	2.2	7
82	Synthesis and Structural Analysis of (Imido)vanadium Dichloride Complexes Containing 2-(2- <i>benz</i> -imidazolyl)pyridine Ligands: Effect of Al Cocatalyst for Efficient Ethylene (Co)polymerization. <i>ACS Omega</i> , 2017, 2, 8660-8673.	3.5	26
83	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> , 2017, 68, 93-136.	1.0	22
84	Effect of Al Cocatalyst in Ethylene and Ethylene/Norbornene (Co)polymerization by (Imido)vanadium Dichloride Complexes Containing Anionic <i>tert</i> -Butyl-Heterocyclic Carbenes Having Weakly Coordinating Borate Moiety. <i>Journal of the Japan Petroleum Institute</i> , 2017, 60, 256-262.	0.6	34
85	Design of Efficient Molecular Catalysts for Synthesis of Cyclic Olefin Copolymers (COC) by Copolymerization of Ethylene and <i>trans</i> -Olefins with Norbornene or Tetracyclododecene. <i>Catalysts</i> , 2016, 6, 175.	3.5	39
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> , 2016, 59, 197-203.	0.6	9
87	Efficient introduction of aromatic vinyl group by incorporation of divinylbiphenyl, <i>p</i> -divinylbenzene in syndiospecific styrene polymerization using aryloxo-modified half-titanocene catalysts. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1902-1907.	2.3	3
88	Efficient synthesis of cyclic olefin copolymers with high glass transition temperatures by ethylene copolymerization with tetracyclododecene using ( <i>tert</i> -Bu) <sub>5</sub> H <sub>4</sub> TiCl <sub>2</sub> (N=C <sup>sup</sup> <i>tert</i> -Bu) <sub>2</sub> ) <sup>MAO</sup> catalyst. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2662-2667.	2.3	9
89	Efficient Norbornene (NBE) Incorporation in Ethylene/NBE Copolymerization by Half-Titanocene Catalysts Containing Chlorinated Aryloxo Ligands. <i>Organometallics</i> , 2016, 35, 1895-1905.	2.3	17
90	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> , 2016, 35, 1778-1784.	2.3	57



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91	Synthesis of (Imido)niobium(V)â€Alkylidene Complexes That Exhibit High Catalytic Activities for Metathesis Polymerization of Cyclic Olefins and Internal Alkynes. <i>Organometallics</i> , 2016, 35, 2773-2777.	2.3	28
92	Ring-Opening Metathesis Polymerization of Cyclic Olefins by (Arylimido)vanadium(V)-Alkylidenes: Highly Active, Thermally Robust <i>cis</i> -Specific Polymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 11840-11849.	13.7	67
93	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> , 2016, 6, 100925-100930.	3.6	8
94	Synthesis and Structural Analysis of Zrâ€Al Heterobimetallic Complexes, [ZrX{(O-2,4- <i>sup</i> - <i>t</i> -Bu) <sub>2</sub> C <sub>6</sub> H <sub>2</sub> -6-CH <sub>2</sub> ) <sub>3</sub> (i <sup>1</sup> / <sub>4</sub> ) <sub>2</sub> }] [X = Cl, Et, <i>sup</i> - <i>i</i> -Bu; R = Me, Et, <i>sup</i> - <i>i</i> -Bu]. Unique Reactivity of the <i>sup</i> - <i>i</i> -Bu Complex. <i>Organometallics</i> , 2016, 35, 866-874.	2.3	8
95	Synthesis of ultrahigh molecular weight polymers by homopolymerisation of higher $\hat{1}\pm$ -olefins catalysed by aryloxo-modified half-titanocenes. <i>RSC Advances</i> , 2016, 6, 16203-16207.	3.6	11
96	Catalytic One-Pot Synthesis of End-Functionalized Poly(9,9- <i>di-n</i> -octylfluorenevinylene)s by Acyclic Diene Metathesis (ADMET) Polymerization Using Rutheniumâ€Carbene Catalysts. <i>Macromolecules</i> , 2016, 49, 518-526.	4.8	21
97	Copolymerizations of Norbornene and Tetracyclododecene with $\hat{1}\pm$ -Olefins by Half-Titanocene Catalysts: Efficient Synthesis of Highly Transparent, Thermal Resistance Polymers. <i>Macromolecules</i> , 2016, 49, 59-70.	4.8	42
98	Synthesis and structural analysis of half-titanocenes containing 1,3-imidazolidin-2-iminato ligands: Effect of ligand substituents inâ€ethylene (co)polymerization. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 375-383.	1.8	12
99	Synthesis of Wellâ€Defined Oligo(2,5- <i>dialkoxy</i> -1,4- <i>phenylene vinylene</i> )s with Chiral End Groups: Unique Helical Aggregations Induced by the Chiral Chain Ends. <i>Chemistry - A European Journal</i> , 2015, 21, 16764-16768.	3.3	8
100	Acyclic Diene Metathesis (ADMET) Polymerization for Precise Synthesis of Defect-Free Conjugated Polymers with Well-Defined Chain Ends. <i>Catalysts</i> , 2015, 5, 500-517.	3.5	23
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201	Ethylene Homopolymerization and Ethylene/Norbornene Copolymerization by $VCl_2(N-2,6-Me_2C_6H_3)(O-2,6-Me_2C_6H_3)$ - Chlorinated Al Cocatalyst Systems. <i>Studies in Surface Science and Catalysis</i> , 2007, , 305-308.	1.5	4
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203	Highly Efficient Ethylene/Cyclopentene Copolymerization with Exclusive 1,2-Cyclopentene Incorporation by (Cyclopentadienyl)(ketimide)titanium(IV) Complex $\eta^5$ -MAO Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2235-2240.	4.3	44
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241	Effect of Cyclopentadienyl and Amide Fragment in Olefin Polymerization by Nonbridged (Amide)(cyclopentadienyl)titanium(IV) Complexes of the Type Cp <sup>+</sup> TiCl <sub>2</sub> [N(R)R] <sup>+</sup> Methylaluminoxane (MAO) Catalyst Systems. <i>Macromolecules</i> , 2003, 36, 2633-2641.	4.8	64
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243	Syndiospecific styrene polymerization by (tert-BuC <sub>5</sub> H <sub>4</sub> )TiCl <sub>2</sub> (O-2,6- Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) <sup>+</sup> borate catalyst system. <i>Catalysis Communications</i> , 2003, 4, 269-274.	3.3	19
244	18 Effect of cyclopentadienyl fragment in polymerization of ethylene, propylene, and styrene by nonbridged half-metalloxe type titanium and zirconium complexes of the type, Cp <sup>+</sup> MCl <sub>2</sub> [N(2,6-Me <sub>2</sub> C <sub>6</sub> ) Tj ETQq0 0.0 rgBT /Overlock 10 Tf 50 1		
245	Olefin Polymerization and Ring-Opening Metathesis Polymerization of Norbornene by (Arylimido)(aryloxo)vanadium(V) Complexes of the Type VX <sub>2</sub> (NAr)(OAr <sup>-</sup> ). Remarkable Effect of Aluminum Cocatalyst for the Coordination and Insertion and Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2002, 35, 1583-1590.	4.8	123
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247	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> , 2002, 21, 3042-3049.	2.3	49
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249	Hydrogenation of PhCH <sub>2</sub> CHO catalyzed by ruthenium complex containing <sup>+</sup> polymer-attached <sup>+</sup> ligand prepared by living ring-opening metathesis polymerization. <i>Journal of Molecular Catalysis A</i> , 2002, 185, 311-316.	4.8	15
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258	Copolymerization of ethylene with 1-olefin catalyzed by [1,8-C <sub>10</sub> H <sub>6</sub> (NSitBuMe <sub>2</sub> ) <sub>2</sub> ]TiCl <sub>2</sub> and [ArN(CH <sub>2</sub> ) <sub>3</sub> NAr]TiCl <sub>2</sub> (Ar=2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) as MAO catalyst systems. <i>Polymer</i> , 2000, 41, 2755-2764.	3.8	23
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293	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> , 1989, 54, 57-64.	1.2	33
294	Photoenhanced catalytic dehydrogenation of methanol with tin(II)-coordinated iridium complexes. <i>Journal of Molecular Catalysis</i> , 1989, 50, 303-313.	1.2	14
295	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> , 1989, 18, 1983-1986.	1.3	12
296	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> , 1988, .	2.0	80
297	Transition Metal Ketene Complexes as Active Intermediate for Catalytic Carbonylation of Geminal Dibromoalkanes. <i>Chemistry Letters</i> , 1986, 15, 1607-1610.	1.3	14