

Novel olefin polymerization catalysts based on iron and

Chemical Communications

, 849-850

DOI: 10.1039/a801933i

Citation Report

#	ARTICLE	IF	CITATIONS
1	Iron-Based Catalysts with Exceptionally High Activities and Selectivities for Oligomerization of Ethylene to Linear α -Olefins. <i>Journal of the American Chemical Society</i> , 1998, 120, 7143-7144.	13.7	669
2	Dicationic chelating N-heterocyclic carbene complexes of palladium: new catalysts for the copolymerisation of C ₂ H ₄ and CO. <i>Journal of Organometallic Chemistry</i> , 1999, 572, 239-247.	1.8	290
3	Synthesis and single-crystal X-ray structure of [(DMPE)2Ru(C ₂ H ₄)CH ₃]+[(3,5-(CF ₃) ₂ C ₆ H ₃) ₄ B]â ⁻ . <i>Journal of Organometallic Chemistry</i> , 1999, 579, 122-125.	1.8	9
4	The influence of electronic and steric factors on chain branching in ethylene polymerization by Brookhart-type Ni(II) diimine catalysts: a combined density functional theory and molecular mechanics study. <i>Journal of Organometallic Chemistry</i> , 1999, 591, 204-213.	1.8	48
5	Palladium-catalyzed arylation of ethylene. A synthetic route to styrenes, stilbenes, and poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.8	12
6	Tetra-, penta-, and hexacoordination in iron (II) adducts of aliphatic bidentate amines. Crystal and molecular structure of the mononuclear complexes Fe(dienMe)Cl ₂ and Fe(tmeda)I ₂ . <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 1999, 2, 311-319.	0.1	2
7	Synthesis and dynamic NMR studies of stereochemical non-rigidity in rhenium(I) complexes of 2,6-bis[1-(phenylimino)ethyl]pyridine derivatives. <i>Inorganica Chimica Acta</i> , 1999, 295, 56-63.	2.4	19
8	Palladium(II) complexes with hemilabile etherdiphos ligands in the alternating copolymerization of carbon monoxide with olefins. <i>Inorganica Chimica Acta</i> , 1999, 296, 103-113.	2.4	27
9	Theoretical studies of the Cp ₂ ZrR ⁺ -catalyzed propylene polymerization reactions and a comparison with ethylene polymerization. <i>Computational and Theoretical Chemistry</i> , 1999, 461-462, 121-135.	1.5	9
10	Polymerization with TMA-protected polar vinyl comonomers. II. Catalyzed by nickel complexes containing η^5 -diimine-type ligands. <i>Journal of Polymer Science Part A</i> , 1999, 37, 2471-2480.	2.3	73
11	A Unified View of Ethylene Polymerization by d ⁰ and d ⁰ fnTransition Metals. 3. Termination of the Growing Polymer Chain. <i>Journal of the American Chemical Society</i> , 1999, 121, 154-162.	13.7	144
12	Mechanistic Aspects of Ethylene Polymerization by Iron(II)â ⁻ Bisimine Pyridine Catalysts: A Combined Density Functional Theory and Molecular Mechanics Study. <i>Journal of the American Chemical Society</i> , 1999, 121, 6479-6487.	13.7	150
13	Living Polymerization of [o-(Trifluoromethyl)phenyl]acetylene by WOCl ₄ -Based Catalysts Such as WOCl ₄ â ⁻ n-Bu ₄ Snâ ⁻ t-BuOH (1:1:1). <i>Macromolecules</i> , 1999, 32, 7344-7348.	4.8	19
14	Synthesis and Characterization of O,N-Chelated Vanadium(IV) Oxo Phenolate Complexes:â ⁻ Electronic Effect of Meta and Para Substituents on the Vanadium Center. <i>Inorganic Chemistry</i> , 1999, 38, 4079-4086.	4.0	28
15	Cobalt(II) Imino Pyridine Assisted Ethylene Polymerization:â ⁻ A Quantum-Mechanical/Molecular-Mechanical Density Functional Theory Investigation. <i>Organometallics</i> , 1999, 18, 5701-5708.	2.3	68
16	Synthesis of Dialkylscandium Complexes Supported by η^2 -Diketiminato Ligands and Activation with Tris(pentafluorophenyl)borane. <i>Organometallics</i> , 1999, 18, 2947-2949.	2.3	161
17	Polymerization of Propylene by a New Generation of Iron Catalysts:â ⁻ Mechanisms of Chain Initiation, Propagation, and Termination. <i>Macromolecules</i> , 1999, 32, 2120-2130.	4.8	312
18	Life and Death of an Active Ethylene Polymerization Catalyst. Ligand Involvement in Catalyst Activation and Deactivation. Isolation and Characterization of Two Unprecedented Neutral and Anionic Vanadium(I) Alkyls. <i>Journal of the American Chemical Society</i> , 1999, 121, 9318-9325.	13.7	207

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Cyclohexadienyl-Based Constrained Geometry Complexes. <i>Organometallics</i> , 1999, 18, 1159-1167.	2.3	39
20	Amide-Stabilized, Diamagnetic Chromium(II) Nitrosyl Complexes. <i>Organometallics</i> , 1999, 18, 1994-2004.	2.3	23
21	Anorganische Chemie 1998. <i>Nachrichten Aus Der Chemie</i> , 1999, 47, 111-142.	0.0	1
22	A new iron-based catalyst for ethylene polymerization. <i>Polymer International</i> , 2000, 49, 5-7.	3.1	10
23	Zirconium-chelate and mono- η^5 -cyclopentadienyl zirconium-chelate/ methylalumoxane systems as soluble Ziegler-Natta olefin polymerization catalysts. <i>Applied Organometallic Chemistry</i> , 2000, 14, 316-324.	3.5	16
24	Coordination Polymerization in Water Affording Amorphous Polyethylenes. <i>Chemistry - A European Journal</i> , 2000, 6, 4623-4629.	3.3	75
25	Oligomerization of ethylene to branched alkenes using neutral phosphinosulfonamide nickel(II) complexes. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4627-4640.	2.3	26
26	Catalytic activity of cationic diphosphapalladium(II) complexes in the alkene/CO copolymerization in organic solvents and water in dependence on the length of the alkyl chain at the phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2000, 602, 173-187.	1.8	57
27	Polymerization catalysis. <i>Catalysis Today</i> , 2000, 62, 23-34.	4.4	106
28	Pyridinylimine-based nickel(II) and palladium(II) complexes: preparation, structural characterization and use as alkene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2000, 606, 112-124.	1.8	228
29	New Zirconocene-Coupling Route to Large, Functionalized Macrocycles. <i>Journal of the American Chemical Society</i> , 2000, 122, 10345-10352.	13.7	101
30	Diiminates and Diamides as Ligands in Polymerization Catalysts with M(III) (M = Ti, V, Cr) Metal Centers. A Theoretical Study. <i>Organometallics</i> , 2000, 19, 3069-3076.	2.3	25
31	Transition Metal Complexes with Sterically Demanding Ligands. 2.1 Meisenheimer Complex Formation and Deprotonation Reactions of a Sterically Demanding Aromatic Diimine. <i>Organometallics</i> , 2000, 19, 3305-3311.	2.3	24
32	Some Evidence of a Dual Stereodifferentiation Mechanism in the Polymerization of Propene by Λ^2 -Diimine Nickel Catalysts. <i>Macromolecules</i> , 2000, 33, 9483-9487.	4.8	70
33	Modeling Metal-Catalyzed Olefin Polymerization. <i>Chemical Reviews</i> , 2000, 100, 1435-1456.	47.7	259
34	Molecular and Electronic Structures of Bis(pyridine-2,6-diimine)metal Complexes [ML ₂](PF ₆) _n (n = 0, 1). <i>Journal of Organometallic Chemistry</i> , 2000, 606, 112-124.	1.8	228
35	Polymerization Catalysts with Λ^2 -Diimine Ligands (n = 1-4): A Theoretical Study. <i>Organometallics</i> , 2000, 19, 2756-2765.	2.3	41
36	Synthesis of Branched Polyethylene Using Λ^2 -Diimine nickel(II) Catalysts: Influence of Temperature, Ethylene Pressure, and Ligand Structure on Polymer Properties. <i>Macromolecules</i> , 2000, 33, 2320-2334.	4.8	678

#	ARTICLE	IF	CITATIONS
37	Precise Control of Polyolefin Stereochemistry Using Single-Site Metal Catalysts. <i>Chemical Reviews</i> , 2000, 100, 1223-1252.	47.7	1,164
38	AN OVERVIEW OF TRANSITION METAL-MEDIATED POLYMERIZATIONS: CATALYSTS FOR THE 21st CENTURY. , 2000, , 1021-1042.		2
40	Stereoselective Formation of (Aminoalkyl)platinum Complexes from Imines. <i>Organometallics</i> , 2001, 20, 408-417.	2.3	18
41	Theoretical Study on Bis(imino)pyridyl π -Fe(II) Olefin Poly- and Oligomerization Catalysts. Dominance of Different Spin States in Propagation and $\hat{\imath}^2$ -Hydride Transfer Pathways. <i>Organometallics</i> , 2001, 20, 2007-2026.	2.3	102
42	Iron Catalysts for the Head-to-Head Dimerization of $\hat{\imath}^\pm$ -Olefins and Mechanistic Implications for the Production of Linear $\hat{\imath}^\pm$ -Olefins. <i>Organometallics</i> , 2001, 20, 5738-5744.	2.3	89
43	Olefin Polymerization at Aluminum? A Theoretical Study. <i>Organometallics</i> , 2001, 20, 4721-4726.	2.3	41
44	Nickel Indenyl Complexes as Catalysts for the Dimerization and Polymerization of Ethylene. <i>Organometallics</i> , 2001, 20, 663-666.	2.3	45
45	Transition Metal Complexes with Sterically Demanding Ligands, 3.1 Synthetic Access to Square-Planar Terdentate Pyridine π -Diimine Rhodium(I) and Iridium(I) Methyl Complexes:â€™ Successful Detour via Reactive Triflate and Methoxide Complexes. <i>Organometallics</i> , 2001, 20, 4345-4359.	2.3	85
46	New Titanium Complexes Having Two Pyrrolide π -Imine Chelate Ligands:â€™ Syntheses, Structures, and Ethylene Polymerization Behavior. <i>Organometallics</i> , 2001, 20, 4793-4799.	2.3	172
47	Density Functional Study of Ethylene Polymerization Catalyzed by a Zirconium Non-Cyclopentadienyl Complex, L2ZrCH3 $^+$. Effects of Ligands and Bulky Substituents. <i>Organometallics</i> , 2001, 20, 309-323.	2.3	34
48	A Versatile Synthetic Route for Cyclopentadienyl π -Amido Titanium(IV) Compounds. NMR Spectroscopy Study and X-ray Molecular Structure of [Ti($\hat{\imath}$ -5-C5H4SiMe2NMe(CH2)2- $\hat{\imath}$ -NMe)Cl2]. <i>Organometallics</i> , 2001, 20, 2459-2467.	2.3	23
49	Very Active Neutral P,O-Chelated Nickel Catalysts for Ethylene Polymerization. <i>Macromolecules</i> , 2001, 34, 2438-2442.	4.8	84
50	Chain End-Groups Reveal Two States for Palladium-Based Polyketone Catalyst Species. <i>Journal of the American Chemical Society</i> , 2001, 123, 5350-5351.	13.7	35
51	The Nature of the Active Catalyst in Late Transition Metal-Mediated Ring-Opening Polymerization (ROP) Reactions:â€™ Mechanistic Studies of the Platinum-Catalyzed ROP of Silicon-Bridged [1]Ferrocenophanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 1355-1364.	13.7	104
52	Insertion Aptitudes and Insertion Regiochemistry of Various Alkenes Coordinated to Cationic ($\hat{\imath}$ -R)(diimine)palladium(II) (R = $\hat{\imath}$ -CH3, $\hat{\imath}$ -C6H5). A Theoretical Study. <i>Organometallics</i> , 2001, 20, 2813-2819.	2.3	81
53	Preparation of long-branched polyethylene by in situ polymerization using late transition metal and metallocene catalysts. <i>Science Bulletin</i> , 2001, 46, 2054-2057.	1.7	11
54	Synthesis, characterization and reactivity of ReOMe2(bipy)X complexes. <i>Polyhedron</i> , 2001, 20, 2129-2136.	2.2	3
55	Early transition metal and lanthanide bis(iminophosphorano)methanide complexes; $\hat{\imath}$ -pincer $\hat{\imath}$ TM and bridging bis(phosphorus) metal carbenes. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 158-169.	1.8	145

#	ARTICLE	IF	CITATIONS
56	Trimethylammonium[tetrakis(pentafluorophenoxy)borate], a safe way to synthesize novel co-catalysts for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2001, 621, 184-189.	1.8	13
57	Recent developments in olefin polymerizations with transition metal catalysts. <i>Progress in Polymer Science</i> , 2001, 26, 1147-1198.	24.7	125
58	FI Catalysts: super active new ethylene polymerization catalysts. <i>Catalysis Today</i> , 2001, 66, 63-73.	4.4	199
59	Ethylene oligomerization by cobalt(II) diimine complexes/EAO. <i>Applied Catalysis A: General</i> , 2001, 209, 11-15.	4.3	20
60	Decomposition pathways of homogeneous catalysts. <i>Applied Catalysis A: General</i> , 2001, 212, 61-81.	4.3	166
61	Metallocene catalysis. <i>Applied Catalysis A: General</i> , 2001, 222, 47-61.	4.3	179
62	Di-, Tri-, and Tetranuclear Complexes of Ni, Pd, and Zn with Oxalamidinato Bridges: Syntheses, Structures and Catalytic Reactions. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2049-2060.	2.0	32
65	Diene-Containing Half-Sandwich MoIII Complexes as Ethylene Polymerization Catalysts: Experimental and Theoretical Studies. <i>Chemistry - A European Journal</i> , 2001, 7, 4572-4583.	3.3	9
66	Olefin Polymerization by Late Transition Metal Complexes-A Root of Ziegler Catalysts Gains New Ground. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 534-540.	13.8	408
67	Olefin Polymerization with [{bis(imino)pyridyl}CoII Cl ₂]: Generation of the Active Species Involves CoI. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4719-4722.	13.8	135
68	Unexpected behaviour of copper(I) towards a tridentate Schiff base: synthesis, structure and properties of new Cu(I)-, Cu(II) and Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2001, 324, 300-308.	2.4	20
69	Four-coordinate iron complexes bearing η^5 -diimine ligands: efficient catalysts for Atom Transfer Radical Polymerisation (ATRP). <i>Chemical Communications</i> , 2002, , 1850-1851.	4.1	119
70	Participation of the η^5 -Diiminopyridine Ligand System in Reduction of the Metal Center during Alkylation. <i>Journal of the American Chemical Society</i> , 2002, 124, 12268-12274.	13.7	140
71	Catalytic Behavior of Bis(Pyrrolide-Imine) and Bis(Phenoxy-Imine) Titanium Complexes for the Copolymerization of Ethylene with Propylene, 1-Hexene, or Norbornene. <i>Israel Journal of Chemistry</i> , 2002, 42, 353-359.	2.3	32
72	Mono- and Zerovalent Manganese Alkyl Complexes Supported by the η^5 -Diiminato Pyridine Ligand: Alkyl Stabilization at the Expense of Catalytic Performance. <i>Organometallics</i> , 2002, 21, 786-788.	2.3	85
73	A rare ether-bridged cobalt complex which gives rise to an unusual η^5 -serpentine TM metal ^{II} -ligand binding motif. <i>Chemical Communications</i> , 2002, , 2990-2991.	4.1	17
74	Polymer-incorporated iron catalysts for ethylene polymerization—a new approach to immobilize iron olefin catalysts on polystyrene chains. <i>New Journal of Chemistry</i> , 2002, 26, 1485-1489.	2.8	41
75	Bis(imino)pyridine cobalt alkyl complexes and their reactivity towards ethylene: a model system for η^2 -hydrogen chain transfer. <i>Chemical Communications</i> , 2002, , 2316-2317.	4.1	42

#	ARTICLE	IF	CITATIONS
76	The nature of the active site in bis(imino)pyridine iron ethylene polymerisation catalysts. Catalysis Communications, 2002, 3, 207-211.	3.3	112
77	Ethylene oligomerization promoted by group 8 metal complexes containing 2-(2-pyridyl)quinoxaline ligands. Catalysis Communications, 2002, 3, 405-410.	3.3	66
78	Cationic 2,6-bis(imino)pyridine iron and cobalt complexes: synthesis, structures, ethylene polymerisation and ethylene/polar monomer co-polymerisation studies. Dalton Transactions RSC, 2002, , 1159.	2.3	142
79	Olefin Polymerisation Catalysts. International Polymer Science and Technology, 2002, 29, 78-86.	0.1	0
80	Olefin Polymerisation Catalysts. Progress in Rubber, Plastics and Recycling Technology, 2002, 18, 297-316.	1.8	0
81	Alkyl(amino)- and Alkyl(chloro)phosphanyl-Substituted Cyclopentadienyl Complexes of Titanium and Zirconium. European Journal of Inorganic Chemistry, 2002, 2002, 678-691.	2.0	30
82	Stereochemical Pseudohexad 13C NMR Resonances and Regioregular Propylene/Ethylene-1-13C Copolymers. Macromolecular Chemistry and Physics, 2002, 203, 2604-2615.	2.2	9
83	Review: Applications of novel sterically demanding aromatics in organometallic synthesis. Applied Organometallic Chemistry, 2002, 16, 501-505.	3.5	8
84	N-Pyrrolyl-[N,N,N]-bis(imino)pyridyl iron(II) and cobalt(II) olefin polymerization catalysts. Applied Organometallic Chemistry, 2002, 16, 506-516.	3.5	25
85	Microgels as new support materials for heterogeneous cocatalysts in ethylene polymerization reactions. Journal of Applied Polymer Science, 2002, 86, 3021-3029.	2.6	15
86	Facile Preparation and Activation of High-Productivity Single-Site Nickel Catalysts for Highly Linear Polyethylene. Helvetica Chimica Acta, 2002, 85, 4337-4352.	1.6	14
87	Ethylene oligomerization by novel iron(II) diimine complexes/MAO. Science Bulletin, 2002, 47, 1616-1618.	1.7	1
88	In situ UV-VIS studies on late-transition metal catalysts for ethylene polymerization. Journal of Molecular Catalysis A, 2002, 177, 195-207.	4.8	18
89	Heterogenized iron(II) complexes as highly active ethene polymerization catalysts. Journal of Molecular Catalysis A, 2002, 179, 155-173.	4.8	65
90	Propylene polymerization with a bisiminepyridine iron complex: activation with Ph ₃ C [B(C ₆ F ₅) ₄] and AlR ₃ ; iron hydride species in the catalytic cycle. Journal of Molecular Catalysis A, 2002, 188, 245-253.	4.8	38
91	Polymerisation of ethylene catalysed by mono-imine-2,6-diacetylpyridine iron/methylaluminoxane (MAO) catalyst system: effect of the ligand on polymer microstructure. Polymer International, 2002, 51, 1301-1303.	3.1	23
92	Preparation of silica-supported late transition metal catalyst and ethylene polymerization. Polymer International, 2002, 51, 349-352.	3.1	51
93	Ethylene polymerization by iron complexes with symmetrical and unsymmetrical ligands. Polymer International, 2002, 51, 994-997.	3.1	52

#	ARTICLE	IF	CITATIONS
94	Polymerization of olefins and polar monomers catalyzed by bis(imino)Ni(II)/dibutylmagnesium/alkylaluminium halide systems. <i>Polymer International</i> , 2002, 51, 729-737.	3.1	22
95	Synthesis of cobalt(II) and iron(II) complexes with the ligand bis(2-diphenylphosphinoethyl)methylamine and their catalytic action on ethylene oligomerization. X-ray crystal structure of [CoCl ₂ {CH ₃ N(CH ₂ CH ₂ PPh ₂) ₂ }. <i>Journal of Organometallic Chemistry</i> , 2002, 645, 127-133.	1.8	23
96	New bis(imino)pyridine-iron(II)- and cobalt(II)-based catalysts: synthesis, characterization and activity towards polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2002, 648, 55-61.	1.8	108
97	On the mechanism of olefin polymerisation with titanium η^2 -diketonato complexes. A model density functional study. <i>Journal of Organometallic Chemistry</i> , 2002, 648, 126-133.	1.8	3
98	Cobalt and nickel complexes bearing 2,6-bis(imino)phenoxy ligands: syntheses, structures and oligomerization studies. <i>Journal of Organometallic Chemistry</i> , 2002, 650, 59-64.	1.8	84
99	Density functional investigation of incorporation of functional additives to neutral salicylaldiminato Ni(II) polymerization catalyst. <i>Journal of Organometallic Chemistry</i> , 2002, 654, 132-139.	1.8	6
100	Late transition metal complexes bearing 2,9-bis(imino)-1,10-phenanthroline ligands: synthesis, characterization and their ethylene activity. <i>Journal of Organometallic Chemistry</i> , 2002, 658, 62-70.	1.8	114
101	Synthesis, characterisation and catalytic activity of Pd(II) and Ni(II) complexes with new cyclic η^2 -diphenylphosphino-ketoimines. Crystal structure of 2,6-diisopropyl-N-(2-diphenylphosphino-cyclopentylidene)aniline and of 2,6-diisopropyl-N-(2-diphenylphosphino-cyclohexylidene)aniline. <i>Journal of Organometallic Chemistry</i> , 2002, 662, 150-171.	1.8	63
102	A computational study of iron-based Gibson-Brookhart catalysts for the copolymerisation of ethylene and 1-hexene. <i>Polymer</i> , 2002, 43, 3635-3645.	3.8	28
103	The synthesis and crystal structure of {N-dodecyl-N-pyridin-2-ylmethylene}amine}dichloro palladium and its preliminary evaluation as a catalyst for ethylene polymerization. <i>Inorganica Chimica Acta</i> , 2002, 5, 724-726.	3.9	23
104	Unprecedented reactivity of a Schiff base ligand in the co-ordination sphere of copper(I) complex towards η^2 -diketones. Synthesis and X-ray characterisation of a new copper(I) complex. <i>Inorganica Chimica Acta</i> , 2002, 336, 87-90.	2.4	7
105	Enantiopure terdentate N-donor ligands and their Fe(II) and Co(II) complexes. <i>Inorganica Chimica Acta</i> , 2002, 341, 17-24.	2.4	10
106	Homogeneous vanadium-based catalysts for the Ziegler-Natta polymerization of η^2 -olefins. <i>Chemical Society Reviews</i> , 2002, 31, 357-364.	38.1	230
107	Pyridine bis(imine) cobalt or iron complexes for ethylene and 1-hexene (co)polymerisation. <i>Comptes Rendus Chimie</i> , 2002, 5, 43-48.	0.5	28
109	Synthesis and Molecular Structures of Nickel(II) and Cobalt(III) Complexes with 2-(Arylimino)-3-(hydroxyimino)butane. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2683-2692.	2.0	11
110	Cobalt Chloride Complexes of N ₃ and N ₄ Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 648-655.	2.0	42
111	Cyclodextrin-Encapsulated Iron Catalysts for the Polymerization of Ethylene. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 805-809.	2.0	39
112	Ethylene Polymerization by Self-Immobilized Neutral Nickel Catalysts Bearing Allyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1570-1576.	2.0	46

#	ARTICLE	IF	CITATIONS
113	Oligomerisation of Ethylene to Linear α -Olefins by new Cs- and C1-Symmetric [2,6-Bis(imino)pyridyl]iron and -cobalt Dichloride Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1620-1631.	2.0	136
114	Catalytic Polymerization and Post Polymerization Catalysis Fifty Years After the Discovery of Ziegler's Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 289-327.	2.2	260
115	Polymerization of Norbornene with CoCl_2 and Pyridine Bisimine Cobalt(II) Complexes Activated with MAO. <i>Macromolecular Rapid Communications</i> , 2003, 24, 768-771.	3.9	43
116	Influence of Alkylaluminum Activators and Mixtures thereof on Ethylene Polymerization with a Tridentate Bis(imino)pyridinyliron Complex. <i>Macromolecular Rapid Communications</i> , 2003, 24, 251-254.	3.9	42
117	Elektrosprayionisierungs-Tandem-Massenspektrometrie im Hochdurchsatz-Screening homogener Katalysatoren. <i>Angewandte Chemie</i> , 2003, 115, 2938-2954.	2.0	127
119	Columnar Mesomorphism from Hemi-Disklike Metallomesogens Derived from 2,6-Bis[3-(2,4,5-tri(alkoxy)phenyliminomethyl)pyridines (L): Crystal and Molecular Structures of $[\text{M}(\text{L})\text{Cl}_2]$ (M=Mn, Ni, Zn). <i>Chemistry - A European Journal</i> , 2003, 9, 2484-2501.	3.3	127
120	Structure and Reactivity of Ziegler-Natta Catalyst Intermediates. <i>Chemistry - A European Journal</i> , 2003, 9, 4854-4860.	3.3	14
121	Electrospray Ionization Tandem Mass Spectrometry in High-Throughput Screening of Homogeneous Catalysts. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2832-2847.	13.8	347
122	On the Way to a New Class of Catalysts-High-Valent Transition-Metal Complexes That Catalyze Reductions. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5390-5392.	13.8	34
123	The role of bulky substituents in the polymerization of ethylene using late transition metal catalysts: a comparative study of nickel and iron catalyst systems. <i>Inorganica Chimica Acta</i> , 2003, 345, 279-291.	2.4	148
124	Synthesis and structural characterization of iron(II) derivatives of heterocyclic tridentate amines. <i>Inorganica Chimica Acta</i> , 2003, 344, 197-206.	2.4	37
125	Boron trifluoride activation of ethylene oligomerization and polymerization catalysts. <i>Inorganica Chimica Acta</i> , 2003, 345, 95-102.	2.4	17
126	Synthesis and crystal structures of novel β -diketiminato-lithium, iron, cobalt, nickel, zirconium complexes and their catalytical behaviors in polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2003, 665, 237-245.	1.8	47
127	Propylene bulk phase oligomerization with bisiminepyridine iron complexes in a calorimeter: mechanistic investigation of 1,2 versus 2,1 propylene insertion. <i>Journal of Organometallic Chemistry</i> , 2003, 683, 209-219.	1.8	21
128	Computational studies of the Brookhart's type catalysts for ethylene polymerisation. Part 2: ethylene insertion and chain transfer mechanisms. <i>Polymer</i> , 2003, 44, 2169-2176.	3.8	20
129	{N-alkyl-N-[pyridin-2-ylmethylene] amine}dichloro palladium(II) complexes: synthesis, crystal structures and evaluation of their catalytic activities for ethylene polymerization. <i>Polyhedron</i> , 2003, 22, 2855-2861.	2.2	49
130	Catalyst precursors for ethylene polymerization based on novel mono- and bi-nuclear pyridylimine-type palladium(II) complexes with long straight chain alkyl substituents at the imino nitrogen. <i>Journal of Molecular Catalysis A</i> , 2003, 193, 33-40.	4.8	64
131	Ethylene and propylene polymerization behavior of a series of bis(phenoxy-imine)titanium complexes. <i>Journal of Molecular Catalysis A</i> , 2003, 200, 31-42.	4.8	94

#	ARTICLE	IF	CITATIONS
132	Synthesis of linear low density polyethylene (LLDPE) by in situ copolymerization with novel cobalt and zirconium catalysts. <i>Polymer International</i> , 2003, 52, 1546-1552.	3.1	25
133	Nickel- and palladium-catalyzed olefin polymerization under high pressures. <i>Journal of Polymer Science Part A</i> , 2003, 41, 293-302.	2.3	21
134	Catalytic polymerizations in aqueous medium. <i>Progress in Polymer Science</i> , 2003, 28, 619-662.	24.7	85
135	Halogen-Substituted 2,6-Bis(imino)pyridyl Iron and Cobalt Complexes: Highly Active Catalysts for Polymerization and Oligomerization of Ethylene. <i>Organometallics</i> , 2003, 22, 4312-4321.	2.3	155
136	Fluoro-Substituted 2,6-Bis(imino)pyridyl Iron and Cobalt Complexes: High-Activity Ethylene Oligomerization Catalysts. <i>Organometallics</i> , 2003, 22, 1231-1236.	2.3	153
137	Preparation, Structure, and Ethylene Polymerization Behavior of Bis(imino)pyridyl Chromium(III) Complexes. <i>Organometallics</i> , 2003, 22, 395-406.	2.3	178
139	Facile Syntheses of Bis[1-(arylimino)ethyl]pyridine-MoCl ₃ /MMAO Catalytic Systems and Their Dual Catalytic Functions for ROMP of Norbornene and Linear Polymerization of Ethylene. <i>Macromolecules</i> , 2003, 36, 7916-7922.	4.8	23
140	Reactions of (i-6:1-C ₆ H ₅ CH ₂ CH ₂ PR ₂)Ru(CH ₃) ₂ (R = Cy, Ph) with [H(Et ₂ O) ₂][B(3,5-C ₆ H ₃ (CF ₃) ₂) ₄] in the Presence of Carbon Monoxide, Acetylene, Ethylene, and Norbornene. <i>Organometallics</i> , 2003, 22, 3066-3076.	2.3	19
141	A Highly Active Anilino-perinaphthenone-Based Neutral Nickel(II) Catalyst for Ethylene Polymerization. <i>Organometallics</i> , 2003, 22, 250-256.	2.3	134
142	Preparation of Silica-Supported Bis(imino)pyridyl Iron(II) and Cobalt(II) Catalysts for Ethylene Polymerization. <i>Macromolecules</i> , 2003, 36, 6689-6691.	4.8	56
143	Reaction of Vinyl Chloride with Late Transition Metal Olefin Polymerization Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 4350-4361.	13.7	107
144	Synthesis, Characterization, and Thermal Stability of (i-6:1-C ₆ H ₅ CH ₂ CH ₂ PR ₂)Ru(CH ₃) ₂ (R = Cy, Ph, Et). <i>Organometallics</i> , 2003, 22, 3059-3065.	2.3	25
145	Stereospecific Polymerizations of Conjugated Dienes by Single Site Iron Complexes Having Chelating N,N,N-Donor Ligands. <i>Macromolecules</i> , 2003, 36, 7953-7958.	4.8	134
146	Metal Complexes as Catalysts for Polymerization Reactions. , 2003, , 1-74.		5
147	[2-(Alkylideneamino)benzoato]nickel(II) Complexes: Active Catalysts for Ethylene Polymerization. <i>Organometallics</i> , 2003, 22, 4272-4280.	2.3	71
148	Schulz-Flory oligomerisation of ethylene by the binuclear nickel(ii) complex Ni ₂ Cl ₄ [cis,trans,cis-1,2,3,4-tetrakis-(diphenylphosphino)cyclobutane]. <i>Dalton Transactions</i> , 2003, , 3869-3875.	3.3	34
150	Iron-Catalyzed Reactions in Organic Synthesis. <i>Chemical Reviews</i> , 2004, 104, 6217-6254.	47.7	2,014
151	Polymerization of methyl methacrylate by iron(II) pyridinebisimine complexes. <i>Polymer</i> , 2004, 45, 2297-2301.	3.8	12

#	ARTICLE	IF	CITATIONS
152	New iron-based bis(imino)pyridine and acetylaminopyridine complexes as single-site catalysts for the oligomerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 13-18.	4.8	63
153	Ethylene oligomerization catalyzed by a novel iron complex containing fluoro and methyl substituents. <i>Journal of Molecular Catalysis A</i> , 2004, 219, 249-254.	4.8	19
154	N,N,N-Tridentate iron(II) and vanadium(III) complexes. <i>Journal of Molecular Catalysis A</i> , 2004, 222, 9-15.	4.8	20
155	N,N,N-Tridentate iron(II) and vanadium(III) complexes. <i>Journal of Molecular Catalysis A</i> , 2004, 222, 17-25.	4.8	14
156	Design of arylimine postmetallocene catalytic systems for olefin polymerization: I. Synthesis of substituted 2-cycloalkyl- and 2,6-dicycloalkylanilines. <i>Russian Journal of General Chemistry</i> , 2004, 74, 1423-1427.	0.8	31
157	Design of Schiff base-like postmetallocene catalytic systems for polymerization of olefins: II. Synthesis of 2,6-bis(aryliminoalkyl)pyridines with cycloalkyl substituents. <i>Russian Journal of General Chemistry</i> , 2004, 74, 1575-1578.	0.8	15
158	O,N-Chelated Vanadium(IV) Oxo Aminophenolate Complexes: the Effect of Steric Bulk on the Vanadium Coordination Geometry. Can this Influence be detected Spectroscopically?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 2097-2105.	1.2	4
159	Solâ€gel iron complex catalysts supported on TiO ₂ for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2004, 207, 155-161.	4.8	17
160	Effect of aluminoxane on molecular weight and molecular weight distribution of polyethylene prepared by an iron-based catalyst. <i>Polymer International</i> , 2004, 53, 1473-1478.	3.1	7
161	FI Catalysts: new olefin polymerization catalysts for the creation of value-added polymers. <i>Chemical Record</i> , 2004, 4, 137-158.	5.8	195
162	Cobalt-Complex-Catalyzed Copolymerization of Ethylene with 2-Aryl-1-methylenecyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1233-1235.	13.8	35
164	Iminohydroxamate Early and Late Transition Metal Halide Complexesâ€ New Precatalysts for Aluminoxane-Cocatalyzed Olefin Insertion Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1740-1752.	2.0	27
165	New Bulky Bis(amino)cyclodiphosph(III)azanes and Their Titanium(IV) Complexes: Synthesis, Structures and Ethene Polymerization Studies. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 695-706.	2.0	32
166	The Electronic Structure of (Diiminopyridine)cobalt(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1204-1211.	2.0	138
167	Syntheses, Structures, and Luminescent Properties of [Bis(iminoalkyl)pyridine]cadmium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4891-4897.	2.0	67
168	Spherical MgCl ₂ Supported Iron Catalyst for Ethylene Polymerization: Effect of the Preparation Procedure on Catalyst Activity and the Morphology of Polyethylene Particles. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 966-972.	2.2	57
169	Parallel Synthesis and Testing of Catalysts for the Polymerization of Ethylene. <i>Macromolecular Rapid Communications</i> , 2004, 25, 280-285.	3.9	18
170	A DFT Quantum-Chemical Study of the Structure of Precursors and Active Sites of Catalyst Based on 2,6-Bis(imino)pyridyl Fe(II) Complexes. <i>Macromolecular Theory and Simulations</i> , 2004, 13, 583-591.	1.4	12

#	ARTICLE	IF	CITATIONS
171	Polyethylene with bimodal molecular weight distribution synthesized by 2,6-bis(imino)pyridyl complexes of Fe(II) activated with various activators. <i>European Polymer Journal</i> , 2004, 40, 1881-1886.	5.4	17
172	Chemical ligand non-innocence in pyridine diimine Rh complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 2945-2952.	2.4	22
173	Oligomerisation of ethylene to linear α -olefins by tetrahedral cobalt(II) precursors stabilised by benzo[b]thiophen-2-yl-substituted (imino)pyridine ligands. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1356-1361.	1.8	58
174	Synthesis and characterization of N-(2-pyridyl)benzamide-based nickel complexes and their activity for ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 917-929.	1.8	85
175	Novel neutral arylnickel(II) phosphine catalysts containing 2-oxazolinyphenolato Nâ€“O chelate ligands for ethylene oligomerization and propylene dimerization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2614-2623.	1.8	25
176	The synthesis and catalytic activity of poly(bis(imino)pyridyl) iron(II) metallodendrimer. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3040-3045.	1.8	44
177	Non-Cp type homogeneous catalytic systems for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4263-4276.	1.8	70
178	Synthesis, spectroscopy and molecular structures of new salicylketiminato nickel(II) complexes. <i>Polyhedron</i> , 2004, 23, 1649-1656.	2.2	23
179	Five-coordinate iron(II) complexes bearing tridentate nitrogen donor ligands as catalysts for atom transfer radical polymerisation. <i>Polyhedron</i> , 2004, 23, 2921-2928.	2.2	84
180	Iron complexes of terdentate nitrogen ligands: formation and X-ray structure of three new dicationic complexes. <i>Polyhedron</i> , 2004, 23, 3193-3199.	2.2	32
181	Metal-assembled compounds: precursors of polymerization catalysts and new materials. <i>Coordination Chemistry Reviews</i> , 2004, 248, 1047-1060.	18.8	36
182	Reaction of AlEt ₂ Cl with the diiminepyridine ligand: an unexpected product. <i>Comptes Rendus Chimie</i> , 2004, 7, 865-869.	0.5	26
183	Effect of substituent position on the ethylene polymerization by Fe(II) and Co(II) pyridyl bis-imine catalysts. <i>Catalysis Today</i> , 2004, 93-95, 281-285.	4.4	26
184	Flexible N,N,N-chelates as supports for iron and cobalt chloride complexes; synthesis, structures, DFT calculations and ethylene oligomerisation studies. <i>Dalton Transactions</i> , 2004, , 3231-3240.	3.3	38
185	Synthesis, Molecular Structure, and Solution-Dependent Behavior of Nickel Complexes Chelating Anilidoâ€“Imine Donors and Their Catalytic Activity toward Olefin Polymerization. <i>Organometallics</i> , 2004, 23, 6273-6280.	2.3	103
186	Synthesis, Reactivity, and Solid State Structures of Four-Coordinate Iron(II) and Manganese(II) Alkyl Complexes. <i>Organometallics</i> , 2004, 23, 237-246.	2.3	109
187	Facile Synthesis of New, Stable, Palladium-Ethyl Derivatives Containing Nitrogen-Donor Ligands. <i>Organometallics</i> , 2004, 23, 1974-1977.	2.3	19
188	Experimental and Computational Study of β -H Transfer between Cobalt(I) Alkyl Complexes and 1-Alkenes. <i>Organometallics</i> , 2004, 23, 5503-5513.	2.3	53

#	ARTICLE	IF	CITATIONS
189	Reversible Olefin π -Hydride Insertion in the Cationic Ruthenium Complexes [(η -6-C ₆ H ₅ CH ₂ CH ₂ PR ₂)RuH(CH ₂ CH ₂)] ⁺ . <i>Organometallics</i> , 2004, 23, 1448-1452.	2.3	27
190	Structure and Physical Properties of Syndiotactic Polypropylene from Living Polymerization with Bis(phenoxyimine)-Based Titanium Catalysts. <i>Macromolecules</i> , 2004, 37, 9034-9047.	4.8	30
191	Preparation, Characterization, and Magnetic Behavior of the Ln Derivatives (Ln = Nd, La) of a 2,6-Diiminepyridine Ligand and Corresponding Dianion. <i>Inorganic Chemistry</i> , 2004, 43, 5771-5779.	4.0	75
192	Intramolecular Benzoylation of an Imino Group of Tridentate 2,5-Bis(N-aryliminomethyl)pyrrolyl Ligands Bound to Zirconium and Hafnium Gives Amido-Pyrrolyl Complexes That Catalyze Ethylene Polymerization. <i>Organometallics</i> , 2004, 23, 2797-2805.	2.3	71
193	Bis(phenoxyimine)zirconium and -titanium Catalysts Affording Prevailing Syndiotactic Polypropylenes via Opposite Modes of Monomer Insertion. <i>Macromolecules</i> , 2004, 37, 276-282.	4.8	32
194	Ethylene polymerization using iron catalysts heterogenized in MCM-41. <i>Catalysis Communications</i> , 2004, 5, 5-7.	3.3	27
195	Synthesis and Characterization of Novel Tridentate [NOP] Titanium Complexes and Their Application to Copolymerization and Polymerization of Ethylene. <i>Organometallics</i> , 2004, 23, 1684-1688.	2.3	102
196	New Chromium Complexes for Ethylene Oligomerization:â€% Extended Use of Tridentate Ligands in Metal-Catalyzed Olefin Polymerization. <i>Macromolecules</i> , 2004, 37, 4375-4386.	4.8	126
197	Preparation of an Active Neodymium Catalyst for Regioselective Butadienecis-Polymerization Supported by a Dianionic Modification of the 2,6-Diiminopyridine Ligand. <i>Organometallics</i> , 2004, 23, 5054-5061.	2.3	63
198	Acrylonitrile Polymerization by Cy ₃ PCuMe and (Bipy) ₂ FeEt ₂ . <i>Journal of the American Chemical Society</i> , 2004, 126, 2114-2124.	13.7	55
199	Bis(carbene)pyridine Complexes of the Early to Middle Transition Metals:â€% Survey of Ethylene Oligomerization and Polymerization Capability. <i>Organometallics</i> , 2004, 23, 6288-6292.	2.3	195
200	Specific Structures Enabled by Metallocene Catalysis in Polyethenes. <i>Advances in Polymer Science</i> , 2004, , 1-12.	0.8	4
201	1,4-Cis Selectivity and Molecular Weight Control of Polymer in the Polymerization of 1,3-Butadiene with Metallosalen Complexes/Methylaluminoxane Catalysts. <i>E-Journal of Soft Materials</i> , 2005, 1, 8-13.	2.0	2
202	Organic Polymers â€” A Brief Survey. , 2005, , 27-81.		0
203	Structural, spectroscopic and thermal characterization of 2-tert-butylaminomethylpyridine-6-carboxylic acid methylester and its Fe(III), Co(II), Ni(II), Cu(II), Zn(II) and UO ₂ (II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1089-1096.	3.9	23
204	Imino- and bis-imino-pyridines with N-ter-butyl-N-aminoxyl group: synthesis, oxidation and use as ligand towards M ₂ ⁺ (Mn, Ni, Zn) and Gd ³⁺ . <i>Journal of Organometallic Chemistry</i> , 2005, 690, 197-210.	1.8	6
205	Fe(II) and Co(II) pyridinebisimine complexes bearing different substituents on ortho- and para-position of imines: synthesis, characterization and behavior of ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1233-1239.	1.8	53
206	Uniqueness and versatility of iminopyrrolyl ligands for transition metal complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4414-4423.	1.8	74

#	ARTICLE	IF	CITATIONS
207	Bridged bis-pyridinylimino dinickel(II) complexes: Syntheses, characterization, ethylene oligomerization and polymerization. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1739-1749.	1.8	116
208	Preparation, structure and ethylene polymerization behavior of mixed-halide nickel(II) complexes and cobalt(II) complex containing imidazolium. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2934-2940.	1.8	14
209	Preparation of spherical MgCl ₂ supported bis(imino)pyridyl iron(II) precatalyst for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2005, 233, 91-97.	4.8	36
210	New palladium λ^2 -diimine complexes containing dendritic wedges for ethene oligomerisation. <i>Inorganica Chimica Acta</i> , 2005, 358, 3491-3496.	2.4	13
211	Synthesis, structure and ethylene oligomerization behavior of non-symmetric bidentate neutral arylnickel(II) phosphine complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 4423-4430.	2.4	7
212	Iron(III)protoporphyrin/MCM41 catalyst as a peroxidase enzyme model: Preparation and typical test reactions. <i>Journal of Molecular Catalysis A</i> , 2005, 239, 1-9.	4.8	19
213	Pyridine linker pyrazolyl palladium complexes: Synthesis, characterization and ethylene polymerization activity. <i>Journal of Molecular Catalysis A</i> , 2005, 241, 93-100.	4.8	37
214	Pyridine bis(imino) iron and cobalt complexes for ethylene polymerization: influence of the aryl imino substituents. <i>European Polymer Journal</i> , 2005, 41, 1288-1295.	5.4	33
215	Effects of tetraalkylaluminumoxane activators on ethylene polymerization catalyzed by iron-based complexes. <i>European Polymer Journal</i> , 2005, 41, 1170-1176.	5.4	9
216	Ni(II) complexes bearing 2-aryliminobenzimidazole: synthesis, structure and ethylene oligomerization study. <i>Inorganic Chemistry Communication</i> , 2005, 8, 246-248.	3.9	13
217	Synthesis, characterization and olefin polymerization studies of iron(II) and cobalt(II) catalysts bearing 2,6-bis(pyrazol-1-yl)pyridines and 2,6-bis(pyrazol-1-ylmethyl)pyridines ligands. <i>Applied Catalysis A: General</i> , 2005, 280, 165-173.	4.3	63
218	Selective Dimerization/Oligomerization of λ^2 -Olefins by Cobalt Bis(imino)pyridine Catalysts Stabilized by Trifluoromethyl Substituents: λ^2 Group 9 Metal Catalysts with Productivities Matching Those of Iron Systems. <i>Organometallics</i> , 2005, 24, 280-286.	2.3	127
219	λ^2 -Bound but Not Gagged λ^2 -Immobilizing Single-Site λ^2 -Olefin Polymerization Catalysts. <i>Chemical Reviews</i> , 2005, 105, 4073-4147.	47.7	480
220	Discovery and Optimization of New Chromium Catalysts for Ethylene Oligomerization and Polymerization Aided by High-Throughput Screening. <i>Journal of the American Chemical Society</i> , 2005, 127, 11037-11046.	13.7	155
221	Studies of the Nature of the Catalytic Species in the λ^2 -Olefin Polymerisation Processes Generated by the Reaction of Diamido(cyclopentadienyl)titanium Complexes with Aluminium Reagents as Cocatalysts. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 338-346.	2.0	12
222	First-Row Transition Metal Bis(amidinate) Complexes; Planar Four-Coordination of Fe Enforced by Sterically Demanding Aryl Substituents. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2089-2099.	2.0	66
223	Pyridine-Based Oligonitriles as Pincer Ligands for Palladium(II), Copper(II), Cobalt(II), and Nickel(II) Ions. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3891-3899.	2.4	12
224	Kinetic Peculiarities of Ethylene Polymerization over Homogeneous Bis(imino)pyridine Fe(II) Catalysts with Different Activators. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 2292-2298.	2.2	55

#	ARTICLE	IF	CITATIONS
225	Functionalized Star-Like Polystyrenes as Organic Supports of a Tridentate Bis(imino)pyridinyliron/Aluminic Derivative Catalytic System for Ethylene Polymerization. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1619-1625.	3.9	29
226	Allyloxy- and benzyloxy-substituted pyridine-bis-imine iron(II) and cobalt(II) complexes for ethylene polymerization. <i>Macromolecular Research</i> , 2005, 13, 2-7.	2.4	12
227	New bi-nuclear and multi-nuclear η^5 -diimine/nickel catalysts for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2005, 227, 153-161.	4.8	49
228	A series of novel 2,6-bis(imino)pyridyl iron catalysts: synthesis, characterization and ethylene oligomerization. <i>Journal of Molecular Catalysis A</i> , 2005, 230, 1-8.	4.8	64
229	Olefin hydrogenation using diimine pyridine complexes of Co and Rh. <i>Journal of Molecular Catalysis A</i> , 2005, 232, 151-159.	4.8	129
230	Transition metal complexes bearing 2,6-bis(imino)pyridyl: Synthesis, structure, ethylene polymerization/ oligomerization studies. <i>Science in China Series B: Chemistry</i> , 2005, 48, 45-49.	0.8	6
231	Supported catalysts based on 2,6-bis(imino)pyridyl complex of Fe(II): DRIFTS study of the catalyst formation and data on ethylene polymerization. <i>Topics in Catalysis</i> , 2005, 32, 77-82.	2.8	24
232	Bis(imino)pyridyl Co(II) and Fe(II) catalysts immobilized on SBA-15 mesoporous material: new highly active supported catalysts for the polymerization of ethylene. <i>Catalysis Letters</i> , 2005, 101, 249-253.	2.6	16
233	Iron(II)- and Cobalt(II) Complexes with Tridentate Bis(imino)pyridine Nitrogen Ligands Bearing Chiral Bulky Aliphatic and Aromatic Substituents: Crystal Structure of [CoCl ₂ {2, 6-bis[R-(+)-(bornylimino)methyl]pyridine}]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 763-768.	1.2	26
234	Steering of Configuration by (2-Phosphanyl)phenolato Ligands in Trimethylphosphane Iron Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1516-1523.	1.2	10
235	Simulation of UV/visible absorption spectra of (η^5 -diimine)nickel(II) catalysts by time-dependent density functional theory. <i>International Journal of Quantum Chemistry</i> , 2005, 101, 840-848.	2.0	9
236	Ethylene polymerization with iron-based diimine catalyst supported on MCM-41. <i>Polymer International</i> , 2005, 54, 274-278.	3.1	18
237	Effect of alkylaluminum on ethylene polymerization catalyzed by 2,6-bis(imino)pyridyl complexes of Fe(II). <i>Journal of Polymer Science Part A</i> , 2005, 43, 1599-1606.	2.3	17
238	Unique catalytic behavior of chromium complexes having halogenated bis(imino)pyridine ligands for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3368-3375.	2.3	48
239	A novel tridentate nitrogen donor as ligand in copper catalyzed ATRP of methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4996-5008.	2.3	27
240	Reduction of (Diiminopyridine)iron: Evidence for a Noncationic Polymerization Pathway?. <i>Organometallics</i> , 2005, 24, 6298-6300.	2.3	66
241	Bis(arylimino)pyridine derivatives of Group 4 metals: preparation, characterization and activity in ethylene polymerization. <i>Dalton Transactions</i> , 2005, , 914.	3.3	34
242	Monometallic and heterobimetallc azanickellacycles as ethylene polymerization catalysts. <i>Chemical Communications</i> , 2005, , 3409.	4.1	36

#	ARTICLE	IF	CITATIONS
243	Ethylene Polymerization with a Highly Active and Long-Lifetime Macrocyclic Trinuclear 2,6-Bis(imino)pyridyliron. <i>Macromolecules</i> , 2005, 38, 2559-2563.	4.8	62
244	Substituted N-picolylethylenediamines of the type (ArNHCH ₂ CH ₂){(2-C ₅ H ₄ N)CH ₂ }NR [R = Me, 4-CH ₂ i€CH(C ₆ H ₄)CH ₂ , (2-C ₅ H ₄ N)CH ₂] and their transition metal(ii) halide complexes. <i>Dalton Transactions</i> , 2005, , 2630.	3.3	12
245	Investigations into the Mechanism of Activation and Initiation of Ethylene Polymerization by Bis(imino)pyridine Cobalt Catalysts:Â Synthesis, Structures, and Deuterium Labeling Studies. <i>Organometallics</i> , 2005, 24, 2039-2050.	2.3	91
246	Low-Valent Î±-Diimine Iron Complexes for Catalytic Olefin Hydrogenation. <i>Organometallics</i> , 2005, 24, 5518-5527.	2.3	163
247	Dinitrogen Partial Reduction by Formally Zero- and Divalent Vanadium Complexes Supported by the Bis-iminopyridine System. <i>Inorganic Chemistry</i> , 2005, 44, 1187-1189.	4.0	68
248	Synthesis and Ethylene Polymerization Activity of a Novel, Highly Active Single-Component Binuclear Neutral Nickel(II) Catalyst. <i>Organometallics</i> , 2005, 24, 2628-2632.	2.3	128
249	2,6-Diiminopyridine Iron(II) Dialkyl Complexes. Interaction with Aluminum Alkyls and Ethylene Polymerization Catalysis. <i>Organometallics</i> , 2005, 24, 4878-4881.	2.3	85
250	Metal versus Ligand Alkylation in the Reactivity of the (Bis-iminopyridinato)Fe Catalyst. <i>Journal of the American Chemical Society</i> , 2005, 127, 13019-13029.	13.7	107
251	New iron bis(imino)pyridyl complexes containing dendritic wedges for alkene oligomerisation. <i>Dalton Transactions</i> , 2005, , 551.	3.3	26
252	Controlled Synthesis of 2â€Acetylâ€6â€carbethoxypyridine and 2,6â€Diacetylpyridine from 2,6â€Dimethylpyridine. <i>Synthetic Communications</i> , 2005, 35, 2317-2324.	2.1	17
253	Formation of a Paramagnetic Al Complex and Extrusion of Fe during the Reaction of (Diiminepyridine)Fe with AlR ₃ (R = Me, Et). <i>Journal of the American Chemical Society</i> , 2005, 127, 17204-17206.	13.7	141
254	Bis(imino)pyridine Iron(II) Alkyl Cations for Olefin Polymerization. <i>Journal of the American Chemical Society</i> , 2005, 127, 9660-9661.	13.7	154
255	Self-immobilizing catalysts and cocatalysts for olefin polymerization. <i>Dalton Transactions</i> , 2005, , 3271.	3.3	54
256	Pyridine N-Alkylation by Lithium, Magnesium, and Zinc Alkyl Reagents:â€ Synthetic, Structural, and Mechanistic Studies on the Bis(imino)pyridine System. <i>Journal of the American Chemical Society</i> , 2005, 127, 6012-6020.	13.7	86
257	Reaction of the Diimine Pyridine Ligand with Aluminum Alkyls:Â An Unexpectedly Complex Reaction. <i>Organometallics</i> , 2006, 25, 1036-1046.	2.3	85
258	Ligand-centred reactivity in diiminepyridine complexes. <i>Dalton Transactions</i> , 2006, , 5442.	3.3	231
259	Synthesis and reactivity of mono(amidinate) organoiron(ii) complexes. <i>Dalton Transactions</i> , 2006, , 4896.	3.3	25
260	Bis(imino)pyridine Ligand Deprotonation Promoted by a Transient Iron Amide. <i>Inorganic Chemistry</i> , 2006, 45, 2-4.	4.0	67

#	ARTICLE	IF	CITATIONS
261	Direct reactions of tellurium tetrahalides with chelating nitrogen ligands. Trapping of TeI ₂ by a 1,2-bis(arylimino)acenaphthene (aryl-BIAN) ligand and C-H activation of an I_2 -diiminopyridine (DIMPY) ligand. Chemical Communications, 2006, , 4856-4858.	4.1	43
263	Ferrocene-Substituted Bis(imino)pyridine Iron and Cobalt Complexes: Toward Redox-Active Catalysts for the Polymerization of Ethylene. Organometallics, 2006, 25, 1932-1939.	2.3	78
264	Mononuclear and Dendritic Nickel(II) Complexes Containing N,N'-Iminopyridine Chelating Ligands: Generation Effects on the Catalytic Oligomerization and Polymerization of Ethylene. Organometallics, 2006, 25, 3876-3887.	2.3	97
265	Arene Coordination in Bis(imino)pyridine Iron Complexes: Identification of Catalyst Deactivation Pathways in Iron-Catalyzed Hydrogenation and Hydrosilation. Organometallics, 2006, 25, 4269-4278.	2.3	183
266	Structural Characterization of Manganese(II) Compounds with Methylalumoxane (MAO) and AlMe ₂ Units. Organometallics, 2006, 25, 4924-4926.	2.3	12
267	Bis(diisopropylphosphino)pyridine Iron Dicarbonyl, Dihydride, and Silyl Hydride Complexes. Inorganic Chemistry, 2006, 45, 7252-7260.	4.0	150
268	Iron(II) Complexes Ligated with 2-Imino-1,10-Phenanthroline for Ethylene Activation. Studies in Surface Science and Catalysis, 2006, 161, 87-94.	1.5	0
269	Synthesis, Characterization and Ethylene Reactivity of 2-Ester-6-iminopyridyl Metal Complexes. Studies in Surface Science and Catalysis, 2006, 161, 141-146.	1.5	2
270	Nitro-substituted iron(II) tridentate bis(imino)pyridine complexes as high-temperature catalysts for the production of α -olefins. Journal of Polymer Science Part A, 2006, 44, 2615-2635.	2.3	23
271	Ethylene polymerization promoted by nickel complexes. Kinetics and Catalysis, 2006, 47, 278-283.	1.0	49
272	Homogeneous and supported catalysts based on bis(imino)pyridyl Iron(II) complexes for ethylene polymerization. Kinetics and Catalysis, 2006, 47, 303-309.	1.0	15
273	Synthesis of titanium complexes bearing two mono anionic malonic acid ester based ligands and their use as catalyst precursors in ethene polymerization. Inorganic Chemistry Communication, 2006, 9, 859-861.	3.9	9
274	Polymerized metallocene catalysts and late transition metal catalysts for ethylene polymerization. Coordination Chemistry Reviews, 2006, 250, 95-109.	18.8	105
275	The role of nitrogen-donor ligands in the palladium-catalyzed polyketones synthesis. Coordination Chemistry Reviews, 2006, 250, 542-560.	18.8	111
276	Ethylene oligomerization, homopolymerization and copolymerization by iron and cobalt catalysts with 2,6-(bis-organylimino)pyridyl ligands. Coordination Chemistry Reviews, 2006, 250, 1391-1418.	18.8	331
277	Transition metal complexes of polymeric Schiff bases as catalyst precursors for the polymerization of ethylene. Journal of Molecular Catalysis A, 2006, 257, 73-77.	4.8	17
278	Neutral and cationic Fe(II) β -diketiminate complexes. Inorganica Chimica Acta, 2006, 359, 1815-1825.	2.4	25
279	Electronically variable imino-phenanthrolyl-cobalt complexes; synthesis, structures and ethylene oligomerisation studies. Journal of Organometallic Chemistry, 2006, 691, 4114-4123.	1.8	57

#	ARTICLE	IF	CITATIONS
280	Synthesis, characterization and ethylene oligomerization studies of nickel complexes bearing 2-imino-1,10-phenanthrolines. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4196-4203.	1.8	94
281	Synthesis of palladium complexes containing 2-methoxycarbonyl-6-iminopyridine ligand and their catalytic behaviors in reaction of ethylene and norbornene. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4759-4767.	1.8	55
282	Structure and physical properties of syndiotactic polypropylene: A highly crystalline thermoplastic elastomer. <i>Progress in Polymer Science</i> , 2006, 31, 145-237.	24.7	161
283	Synthesis, characterization and biological activity of bis(phenylimine) Schiff base ligands and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 188-195.	3.9	119
284	Use of Stille-type cross-coupling as a route to oligopyridylimines. <i>Tetrahedron</i> , 2006, 62, 79-89.	1.9	24
285	Electronic Structure of Bis(imino)pyridine Iron Dichloride, Monochloride, and Neutral Ligand Complexes: A Combined Structural, Spectroscopic, and Computational Study. <i>Journal of the American Chemical Society</i> , 2006, 128, 13901-13912.	13.7	457
286	Titanium and Zirconium Complexes with Non-Salicylalimine-Type Imine-Phenoxy Chelate Ligands: Syntheses, Structures, and Ethylene-Polymerization Behavior. <i>Chemistry - an Asian Journal</i> , 2006, 1, 878-887.	3.3	32
287	Cu(II) and Cu(I) complexes with 2-(3,5-diphenyl-1H-pyrazole-1-yl)-4,6-diphenylpyrimidine: Synthesis and structure. Catalytic activity of Cu(II) compounds in reaction of ethylene polymerization. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006, 32, 199-207.	1.0	18
288	Advances in late transition metal catalysts for olefin polymerization/oligomerization. <i>Catalysis Surveys From Asia</i> , 2006, 10, 65-73.	2.6	17
289	Temperature effect on ethylene polymerization with a catalyst prepared by mixing Mg(C ₂ H ₅)(n-C ₄ H ₉), Al(C ₂ H ₅) _{1.5} Cl _{1.5} and iron(II)bis(imino)pyridyl complex. <i>Polymer Bulletin</i> , 2006, 56, 1-8.	3.3	3
290	Poisoning effect of CO on ethylene polymerization with Ni(II)-diimine/MAO. <i>Polymer</i> , 2006, 47, 184-192.	3.8	4
291	Novel nickel(II)-based catalysts for the polymerization of ethylene. <i>Catalysis Today</i> , 2006, 111, 412-416.	4.4	10
292	Studies on the activation and polymerization mechanism of ethylene polymerization catalyzed by bis(imino)pyridyl iron(II) precatalyst with alkylaluminum. <i>Journal of Molecular Catalysis A</i> , 2006, 245, 122-131.	4.8	21
293	Iron(II)-ethylene polymerization catalysts bearing 2,6-bis(imino)pyrazine ligands. <i>Journal of Molecular Catalysis A</i> , 2006, 260, 215-220.	4.8	21
294	Immobilization and activation of 2,6-bis(imino)pyridyl Fe, Cr and V precatalysts using a MgCl ₂ /AlR _n (OEt) ₃ ⁿ support: Effects on polyethylene molecular weight and molecular weight distribution. <i>Journal of Molecular Catalysis A</i> , 2006, 260, 135-143.	4.8	41
295	Cobalt(II) complexes bearing 2-imino-1,10-phenanthroline ligands: synthesis, characterization and ethylene oligomerization. <i>Comptes Rendus Chimie</i> , 2006, 9, 1500-1509.	0.5	64
296	Modular Approach to Tridentate N,O,N ⁺ Ligands Using Pyrazolylborate Chemistry. <i>Chemistry - A European Journal</i> , 2006, 12, 4735-4742.	3.3	9
297	MgCl ₂ /R ₂ Al(OR) ₃ ⁿ : An Excellent Activator/Support for Transition-Metal Complexes for Olefin Polymerization. <i>Chemistry - A European Journal</i> , 2006, 12, 7546-7556.	3.3	74

#	ARTICLE	IF	CITATIONS
298	Titanium and zirconium complexes with aminoiminophosphorane ligands. <i>Applied Organometallic Chemistry</i> , 2006, 20, 70-73.	3.5	9
299	Modified Pyridine-Bis(imine) Iron and Cobalt Complexes: Synthesis, Structure, and Ethylene Polymerization Study. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4309-4316.	2.0	29
300	The Template Effect of Palladium(II): Synthesis, Characterization, and Crystal Structures of 2,4-Substituted 1,3,5-Triazapentadienatopalladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3634-3640.	2.0	23
301	Electron Effect of p-Substituent on Iron(II) and Cobalt(II) Pyridinebisimine Catalyst for Ethylene Polymerization. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1447-1451.	4.9	5
302	Kinetic Study of Ethylene Polymerization Over Supported Bis(imino)pyridine Iron (II) Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1368-1375.	2.2	45
303	Introducing a Flat Model of the Silica-Supported Bis(imino)pyridyl Iron(II) Polyolefin Catalyst. <i>Macromolecular Rapid Communications</i> , 2006, 27, 279-283.	3.9	25
304	Synthesis of Bis(imino)pyridine Complexes of Group 5 Metals and Their Catalysis for Polymerization of Ethylene and Norbornene. <i>Studies in Surface Science and Catalysis</i> , 2006, 161, 165-170.	1.5	9
305	Pincer, chelate and spirocyclic metal carbene complexes from bis(iminophosphorano)methane ligands. , 2007, , 311-346.		1
306	Synthesis, crystal structure and catalytic performance of bis (imino)pyridyl nickel complexes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 919-927.	2.2	5
307	Synthesis and Reactivity of Pyrrolide-Diimine Complexes of Chromium. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 637-648.	1.0	15
308	Mononuclear Iron Compounds with η^1 -Hydrocarbon Ligands. , 2007, , 77-125.		1
309	Advances in the development of new catalysts for ethylene and α -olefin polymerisation. <i>Russian Chemical Reviews</i> , 2007, 76, 617-637.	6.5	34
310	A Flat Model Approach to Tethered Bis(imino)pyridyl Iron Ethylene Polymerization Catalysts. <i>Macromolecular Symposia</i> , 2007, 260, 147-153.	0.7	4
311	Novel Precision Cyclopolymerization of Dienes by Late Transition Metal Catalysts. <i>Kobunshi Ronbunshu</i> , 2007, 64, 597-606.	0.2	3
312	Bis(imino)pyridine Iron and Cobalt Complexes Immobilized into Interlayer Space of Fluorotetrasilicic Mica: Highly Active Heterogeneous Catalysts for Polymerization of Ethylene. <i>Chemistry Letters</i> , 2007, 36, 1004-1005.	1.3	23
313	Polymerization of Alkenes. , 2007, , 691-734.		17
314	Synthesis of a New Polydentate Ligand Obtained by Coupling 2,6-Bis(imino)pyridine and (Imino)pyridine Moieties and Its Use in Ethylene Oligomerization in Conjunction with Iron(II) and Cobalt(II) Bis-halides. <i>Organometallics</i> , 2007, 26, 5066-5078.	2.3	47
315	New Nickel(II) Diimine Complexes and the Control of Polyethylene Microstructure by Catalyst Design. <i>Journal of the American Chemical Society</i> , 2007, 129, 9182-9191.	13.7	253

#	ARTICLE	IF	CITATIONS
316	Reactivity of Chromium Complexes of a Bis(imino)pyridine Ligand: A Highly Active Ethylene Polymerization Catalysts Carrying the Metal in a Formally Low Oxidation State. <i>Organometallics</i> , 2007, 26, 3201-3211.	2.3	73
317	Arene-Bridged Salicylaldimine-Based Binuclear Neutral Nickel(II) Complexes: A Synthesis and Ethylene Polymerization Activities. <i>Organometallics</i> , 2007, 26, 617-625.	2.3	76
318	2,6-Bis(oxazolinyl)phenylnickel(II) Bromide and 2,6-Bis(ketimine)phenylnickel(II) Bromide: A Synthesis, Structural Features, and Redox Properties. <i>Organometallics</i> , 2007, 26, 3985-3994.	2.3	69
319	Singlet Diradical Complexes of Chromium, Molybdenum, and Tungsten with Azo Anion Radical Ligands from $M(CO)_6$ Precursors. <i>Inorganic Chemistry</i> , 2007, 46, 8584-8593.	4.0	44
320	Aluminum Alkyl-Mediated Route to Novel N,N,O -Chelates for Five-Coordinate Iron(II) Chloride Complexes: A Synthesis, Structures, and Ethylene Polymerization Studies. <i>Organometallics</i> , 2007, 26, 5119-5123.	2.3	52
321	Post-metallocene catalysts for olefin polymerisation. <i>Russian Chemical Reviews</i> , 2007, 76, 253-277.	6.5	54
322	Synthesis of New Polydentate Nitrogen Ligands and Their Use in Ethylene Polymerization in Conjunction with Iron(II) and Cobalt(II) Bis-halides and Methylaluminoxane. <i>Organometallics</i> , 2007, 26, 4639-4651.	2.3	69
323	Selective Alkylation of 2,6-Diiminopyridine Ligands by Dialkylmanganese Reagents: A One-Pot Synthetic Methodology. <i>Organometallics</i> , 2007, 26, 1104-1107.	2.3	36
324	Bimetallic (Iron or Cobalt) Complexes Bearing 2-Methyl-2,4-bis(6-iminopyridin-2-yl)-1H-1,5-benzodiazepines for Ethylene Reactivity. <i>Organometallics</i> , 2007, 26, 2456-2460.	2.3	81
325	Dinitrogen Activation, Partial Reduction, and Formation of Coordinated Imide Promoted by a Chromium Diiminopyridine Complex. <i>Inorganic Chemistry</i> , 2007, 46, 7040-7049.	4.0	98
326	Alternatives to pyridinediimine ligands: syntheses and structures of metal complexes supported by donor-modified β -diimine ligands. <i>Dalton Transactions</i> , 2007, , 2547-2562.	3.3	42
327	In situ copolymerization of ethylene to linear low-density polyethylene (LLDPE) with calcosilicate (CAS-1) supported dual-functional catalytic system. <i>Catalysis Communications</i> , 2007, 8, 2143-2149.	3.3	14
328	Bis(imino)pyridines: A Surprisingly Reactive Ligands and a Gateway to New Families of Catalysts. <i>Chemical Reviews</i> , 2007, 107, 1745-1776.	47.7	776
329	Iron(II) and Cobalt(II) 2-(Benzimidazolyl)-6-(1-(arylimino)ethyl)pyridyl Complexes as Catalysts for Ethylene Oligomerization and Polymerization. <i>Organometallics</i> , 2007, 26, 2720-2734.	2.3	170
330	Iminopyridine Complexes of 3d Metals for Ethylene Polymerization: A Comparative Structural Studies and Ligand Size Controlled Chain Termination. <i>Organometallics</i> , 2007, 26, 988-999.	2.3	66
331	Oligomerization of Ethylene Using New Iron Catalysts Bearing Pendant Donor Modified β -Diimine Ligands. <i>Organometallics</i> , 2007, 26, 1744-1749.	2.3	69
332	Alkyl Migration and an Unusual Tetramethylaluminate Coordination Mode: Unexpected Reactivity of Organolanthanide Imino-Amido-Pyridine Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3126-3130.	13.8	62
333	Dicarbonylrhodium(I) complexes of aminophenols and their catalytic carbonylation reaction. <i>Applied Organometallic Chemistry</i> , 2007, 21, 255-263.	3.5	7

#	ARTICLE	IF	CITATIONS
335	Polymer Microstructure Control in Catalytic Polymerization Exclusively by Electronic Effects of Remote Substituents. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2307-2316.	4.3	43
336	Crystal Structure and Ethylene Oligomerization Catalytic Activity of {2-Carboxy-6-[1-[(2,6-diethyl-phenyl)imino]ethyl]pyridine}CoCl ₂ . <i>Chinese Journal of Chemistry</i> , 2007, 25, 121-124.	4.9	4
337	Polymerization of vinyl monomers via MAO activated iron(II) dichloro complexes bearing bis(imino)pyridine-, quinolinaldimine- and thiophenaldimine-based tridentate nitrogen ligands. <i>European Polymer Journal</i> , 2007, 43, 2967-2974.	5.4	16
338	Reduced anatase on silica as a support for a Ziegler catalyst. <i>Applied Catalysis A: General</i> , 2007, 323, 234-241.	4.3	8
339	Iron(II) and cobalt(II) tris(2-pyridyl)phosphine and tris(2-pyridyl)amine catalysts for the ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2007, 265, 127-132.	4.8	23
340	Iron-based ethylene polymerization catalysts supported by bis(imino)pyridine ligands: Derivatization via deprotonation/alkylation at the ketimine methyl position. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 293-300.	4.8	51
341	Iron complexes with η^5 -alkenyl substituted bis(arylimino)pyridine ligands as catalyst precursors for the oligomerization and polymerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2007, 273, 118-132.	4.8	32
342	Iron(II) coordination compounds with η^5 -alkenyl substituted bis(imino)pyridine ligands: Self-immobilizing catalysts for the polymerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 246-253.	4.8	33
343	Synthesis, characterization and ethylene polymerization activity of titanium, zirconium and hafnium compounds derivatives from symmetric oxamide. <i>Polyhedron</i> , 2007, 26, 4321-4327.	2.2	5
344	Drastic ligand electronic effect on anilido- η^5 -imino nickel catalysts toward ethylene polymerization. <i>Polymer</i> , 2007, 48, 7249-7254.	3.8	42
345	QSAR model for ethylene polymerisation catalysed by supported bis(imino)pyridine iron complexes. <i>Polymer</i> , 2007, 48, 7672-7678.	3.8	30
346	Novel nickel(II) and copper(II) complexes with phenoxy-imidazole ligands: Syntheses, crystal structures and norbornene addition polymerization. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3435-3442.	1.8	47
347	Synthesis and characterization of iron and cobalt dichloride bearing 2-quinoxaliny-6-iminopyridines and their catalytic behavior toward ethylene reactivity. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4506-4518.	1.8	83
348	Nickel(II) complexes chelated by 2-quinoxaliny-6-iminopyridines: Synthesis, crystal structures and ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3532-3541.	1.8	65
349	Influence of the para-substitution in bis(arylimino)pyridine iron complexes on the catalytic oligomerization and polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4580-4592.	1.8	33
350	Unsymmetric bimetal(II) complexes: Synthesis, structures and catalytic behaviors toward ethylene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5307-5316.	1.8	78
351	The combination of mononuclear metallocene and phenoxyimine complexes to give trinuclear catalysts for the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5727-5753.	1.8	30
352	Effects of hydrogen in ethylene polymerization and oligomerization with magnesium chloride-supported bis(imino)pyridyl iron catalysts. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4054-4061.	2.3	13

#	ARTICLE	IF	CITATIONS
353	Ethylene polymerisation by Ni ^{II} -diphosphine azine complexes. <i>Polymer International</i> , 2007, 56, 613-620.	3.1	3
354	Key intermediates in metallocene-and post-metallocene-catalyzed polymerization. <i>Kinetics and Catalysis</i> , 2007, 48, 490-504.	1.0	17
355	Cobalt(II) and copper(II) complexes with chiral pyrazolylquinoline, a derivative of terpenoid (+)-3-carene. Catalytic activity in ethylene polymerization reaction. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 436-448.	1.0	11
356	Cu(II) complexes with 4,6-bis(3,5-dimethyl-1H-pyrazole-1-yl)pyrimidine, 4-(3,5-dimethyl-1H-pyrazole-1-yl)-6-(3,5-diphenyl-1H-pyrazole-1-yl)pyrimidine: Synthesis and catalytic activity in ethylene polymerization reaction. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 601-606.	1.0	10
357	Mechanistic Aspects of Olefin-polymerization Catalysis. , 2007, , 141-165.		2
358	Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -unsaturated substrates by tris(2-phridyl)amine (tpN) or tris(2-pyridyl)phosphine (tpP)/[Ir(COE)2Cl]2 catalyst systems. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 92, 285-292.	0.6	5
359	Chromium complexes ligated by 2-carbethoxy-6-iminopyridines: Synthesis, characterization and their catalytic behavior toward ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 2007, 265, 159-166.	4.8	33
360	Ethylene Oligomerizations by Sterically Modulated Salicylaldimine Cobalt(II) Complexes Combined with Various Alkyl Aluminum Cocatalysts. <i>Catalysis Letters</i> , 2008, 125, 27-34.	2.6	17
361	Mössbauer spectroscopy and nuclear inelastic scattering studies on polynuclear oxo-bridged iron catalysts—first results. <i>Hyperfine Interactions</i> , 2008, 187, 35-41.	0.5	3
362	Vinyl polymerization of norbornene by mono- and trinuclear nickel complexes with indanimine ligands. <i>Journal of Polymer Science Part A</i> , 2008, 46, 489-500.	2.3	24
363	High-temperature catalysts for the production of $\hat{1}\pm$ -olefins based on iron(II) and iron(III) tridentate bis(imino)pyridine complexes modified by nitrilo group. <i>Journal of Polymer Science Part A</i> , 2008, 46, 585-611.	2.3	25
364	Ethylene polymerization by sterically and electronically modulated Ni(II) $\hat{1}\pm$ -diimine complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1066-1082.	2.3	75
365	A Cationic Chlorido-bridged Palladium(II) Complex of the Sterically Hindered Bis(4-methylthiazolyl)isoindoline Ligand (4-Mebti). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2793-2798.	1.2	5
366	Ethylene Polymerization over Homogeneous and Supported Catalysts Based on Bis(imino)pyridine Co(II) Complex: Data on the Number of Active Centers and Propagation Rate Constant. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2510-2515.	2.2	13
367	Copolymerization of Hepta-1,6-diene with Ethylene Catalyzed by Cobalt Complexes. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1932-1936.	3.9	25
368	Iron and Cobalt Complexes of 4-Alkyl-2,6-diiminopyridine Ligands: Synthesis and Ethylene Polymerization Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1871-1879.	2.0	34
369	Synthesis and Characterization of Nilland PdII Complexes Bearing N,N,S Tridentate Ligands and Their Catalytic Properties for Norbornene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4296-4305.	2.0	35
370	Fe(acac) ₃ -bis(imino)pyridine/MAO: A new catalytic system for ethylene polymerization. <i>Journal of Applied Polymer Science</i> , 2008, 108, 167-173.	2.6	7

#	ARTICLE	IF	CITATIONS
371	1/4 Gels as support materials for dinuclear olefin polymerization catalysts. <i>Journal of Applied Polymer Science</i> , 2008, 109, 3344-3354.	2.6	1
372	Versatile Pathways for In Situ Polyolefin Functionalization with Heteroatoms: Catalytic Chain Transfer. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2006-2025.	13.8	202
373	New Functionalized Vinyl Monomers by Ethylene (Functionalized) Norbornene Hetero Trimerization Catalyzed by Cobalt(II) (Imino)pyridine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1855-1866.	4.3	8
375	New polymerization of dienes and related monomers catalyzed by late transition metal complexes. <i>Polymer</i> , 2008, 49, 4911-4924.	3.8	27
376	Effect of supports and solvents on ethylene polymerization with titanium complex consisting of phenoxy-imine ligands/dMMAO catalytic system. <i>Journal of Molecular Catalysis A</i> , 2008, 294, 1-7.	4.8	11
377	2-(Benzimidazol-2-yl)-1,10-phenanthrolyl metal (Fe and Co) complexes and their catalytic behaviors toward ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 483-491.	1.8	81
378	(Amidomethyl)pyridine zirconium and hafnium complexes: Synthesis and structural characterization. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1572-1589.	1.8	40
379	Iron(II) and cobalt(II) complexes bearing N-((pyridin-2-yl)methylene)-quinolin-8-amine derivatives: Synthesis and application to ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1073-1080.	1.8	84
380	2-Oxazoline/benzoxazole-1,10-phenanthrolylmetal (iron, cobalt or nickel) dichloride: Synthesis, characterization and their catalytic reactivity for the ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3867-3877.	1.8	78
381	Synthesis of 2-(N-arylimino-1-methyl)pyrrolide-1-N complexes of nickel. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3902-3906.	1.8	21
382	Our variations on iron and cobalt catalysts toward ethylene oligomerization and polymerization. <i>Comptes Rendus Chimie</i> , 2008, 11, 307-316.	0.5	77
383	Novel neutral phenylnickel phosphine compounds bearing iminoaryl-substituted cyclopentadienyl ligand: Synthesis, characterization and their styrene polymerization behaviors. <i>Inorganic Chemistry Communication</i> , 2008, 11, 487-491.	3.9	10
384	Catalytic activities of Schiff base transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1420-1450.	18.8	1,260
385	Use of Suzuki cross-coupling as a route to 2-phenoxy-6-aminopyridines and chiral 2-phenoxy-6-(methanamino)pyridines. <i>Tetrahedron</i> , 2008, 64, 9857-9864.	1.9	16
386	Highly efficient and economic synthesis of new substituted amino-bispyridyl derivatives via copper and palladium catalysis. <i>Tetrahedron Letters</i> , 2008, 49, 3471-3474.	1.4	40
387	Methylene bridged binuclear bis(imino)pyridyl iron(II) complexes and their use as catalysts together with Al(i-Bu) ₃ for ethylene polymerization. <i>Inorganica Chimica Acta</i> , 2008, 361, 1843-1849.	2.4	28
388	Synthesis, structure, and catalytic ethylene oligomerization of nickel complexes bearing 2-pyrazolyl substituted 1,10-phenanthroline ligands. <i>Journal of Molecular Catalysis A</i> , 2008, 296, 9-17.	4.8	31
389	Tridentate N ⁺ N ⁺ N iron(II) and cobalt(II) complexes of ion-paired structures: Synthesis, characterization and magnetism. <i>Journal of Molecular Structure</i> , 2008, 890, 95-100.	3.6	8

#	ARTICLE	IF	CITATIONS
390	Fe(II) complex with chiral pyrazolylquinoline L and Fe(II), Co(II), and Cu(II) complexes with achiral pyrazolylquinoline L1: Synthesis and properties. The crystal structures of [ML ₁ Cl ₂] (M = Fe, Co, and) Tj ETQq0 0 0 ngBT /Overclock 10 Tf 1		
391	Multiple Pathways for Dinitrogen Activation during the Reduction of an Fe Bis(iminepyridine) Complex. <i>Inorganic Chemistry</i> , 2008, 47, 896-911.	4.0	92
392	Bis(imino)pyridine Complexes of the First-Row Transition Metals: Alternative Methods of Activation. <i>Organometallics</i> , 2008, 27, 5712-5716.	2.3	40
393	Evidence for the Iron(III) Oxidation State in Bis(imino)pyridine Catalysts. A Density Functional Theory Study. <i>Organometallics</i> , 2008, 27, 3368-3377.	2.3	38
394	Highly dispersed clayâ€“polyolefin nanocomposites free of compatibilizers, via the in situ polymerization of Î±-olefins by clay-supported catalysts. <i>Chemical Communications</i> , 2008, , 4186.	4.1	31
395	Synthesis of new dipyridinylamine and dipyridinylmethane ligands and their coordination chemistry with Mg(ii) and Zn(ii). <i>New Journal of Chemistry</i> , 2008, 32, 2150.	2.8	28
396	A Measure for Î¶-Donor and Îµ-Acceptor Properties of Diiminepyridine-Type Ligands. <i>Organometallics</i> , 2008, 27, 2699-2705.	2.3	36
397	Nickel(II) Complexes Chelated by 2-Arylimino-6-benzoxazolylpyridine: Syntheses, Characterization, and Ethylene Oligomerization. <i>Organometallics</i> , 2008, 27, 5641-5648.	2.3	77
398	Contrasting bonding modes of a tridentate bis(oxazoline)phosphine ligand in cobalt and ironvs.palladium complexes: unprecedented N,N-coordination for a N,P,N ligand. <i>Dalton Transactions</i> , 2008, , 585-587.	3.3	17
399	Carbonâ”Oxygen Bond Cleavage by Bis(imino)pyridine Iron Compounds: Catalyst Deactivation Pathways and Observation of Acyl Câ”O Bond Cleavage in Esters. <i>Organometallics</i> , 2008, 27, 6264-6278.	2.3	90
400	Variability of Chain Transfer to Monomer Step in Olefin Polymerization. <i>Organometallics</i> , 2008, 27, 4098-4107.	2.3	59
401	Neutral and Cationic Paramagnetic Amino-amidinate Iron(II) Complexes:¹⁹F NMR Evidence for Interactions with Weakly Coordinating Anions. <i>Organometallics</i> , 2008, 27, 2058-2065.	2.3	19
402	Modification of Iron(II) Tridentate Bis(imino)pyridine Complexes by a Boryl Group for the Production of Î±-Olefins at High Temperature. <i>Organometallics</i> , 2008, 27, 1902-1911.	2.3	21
403	Unusual Structural and Spectroscopic Features of Some PNP-Pincer Complexes of Iron. <i>Organometallics</i> , 2008, 27, 5759-5767.	2.3	57
404	Synthesis and Characterization of Titanium Complexes Bearing Two Î²-Enaminoketonato Ligands with Electron-Withdrawing Groups and Their Behavior in Ethylene Polymerization. <i>Organometallics</i> , 2008, 27, 3642-3653.	2.3	34
405	Synthesis of Bis(imino)pyridine Iron Di- and Monoalkyl Complexes: Stability Differences between FeCH₂SiMe₃ and FeCH₂CMe₃ Derivatives. <i>Organometallics</i> , 2008, 27, 109-118.	2.3	87
406	High-Temperature Catalysts for the Production of Î±-Olefins Based on Iron(II) and Cobalt(II) Tridentate Bis(imino)pyridine Complexes with a Double Pattern of Substitution: <i>o</i>-Methyl plus <i>o</i>-Fluorine in the Same Imino Arm. <i>Organometallics</i> , 2008, 27, 1147-1156.	2.3	27
407	Bis(imino)pyridine Iron Alkyls Containing Î²-Hydrogens: Synthesis, Evaluation of Kinetic Stability, and Decomposition Pathways Involving Chelate Participation. <i>Journal of the American Chemical Society</i> , 2008, 130, 11631-11640.	13.7	78

#	ARTICLE	IF	CITATIONS
408	Bis(iminoethyl)pyridine Systems with a Pendant Alkenyl Group. Part A: Cobalt and Iron Complexes and Their Catalytic Behavior. <i>Organometallics</i> , 2008, 27, 6547-6556.	2.3	47
409	Unsymmetrical Bis(iminoethyl)pyridine Metal Complexes with a Pendant Alkenyl Substituent. Part B: Internal Olefin Coordination to Ruthenium. <i>Organometallics</i> , 2008, 27, 6557-6564.	2.3	8
410	Nickel(II) Complexes Bearing $\text{NH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{NH}_2$ and $\text{C}_6\text{H}_4(\text{NH}_2)_2$ Ligands: Synthesis, Structures and Their Ethylene Polymerization Behavior. <i>Chinese Journal of Chemistry</i> , 2009, 27, 221-226.	4.9	1
411	Transfer Hydrogenation of Acetophenone Catalyzed by <i>in situ</i> Generated 2,6-Bis(5-ethoxo-4,5-dihydro-1,2,4-triazole-3-yl)pyridine- κ^2 -ruthenium(II) Complexes. <i>Chinese Journal of Chemistry</i> , 2009, 27, 978-982.	4.9	12
412	2-Benzoxazolyl-6-[(arylimino)ethyl]pyridyliron(II) Chlorides as Ethylene Oligomerization Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4149-4156.	2.0	64
414	Neutral Tridentate PNP Ligands and Their Hybrid Analogues: Versatile Non-Innocent Scaffolds for Homogeneous Catalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8832-8846.	13.8	407
415	Bis(imino)pyridine palladium(II) complexes as efficient catalysts for the Suzuki-Miyaura reaction in water. <i>Applied Organometallic Chemistry</i> , 2010, 24, 131-134.	3.5	16
416	Characterization of compositional heterogeneity in the polyethylene prepared with bis(imino)pyridyl iron(II) precatalyst and triethylaluminum. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1151-1155.	2.6	2
417	Catalysis of ethylene to linear low-density polyethylene with iron-based diimine complex immobilized on calcosilicate and silica-supported $\text{Et}(\text{Ind})_2\text{ZrCl}_2$. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2298-2304.	2.6	5
418	$\text{Fe}(\text{acac})_3$ and $\text{Co}(\text{acac})_3$ bearing different bis(imino)pyridine ligands for ethylene polymerization and oligomerization. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2378-2391.	2.6	15
420	Cobalt(II) and nickel(II) complexes bearing mono(imino)pyridyl and bis(imino)pyridyl ligands: preparation, structure and ethylene polymerization/oligomerization behaviors. <i>Polymer International</i> , 2009, 58, 1051-1057.	3.1	19
421	Long-lived layered silicates-immobilized 2,6-bis(imino)pyridyl iron (II) catalysts for hybrid polyethylene nanocomposites by <i>in situ</i> polymerization: Effect of aryl ligand and silicate modification. <i>Journal of Polymer Science Part A</i> , 2009, 47, 548-564.	2.3	19
422	Polymerization of higher α -olefins using a $\text{C}_2\text{-symmetry}$ hafnium metallocene catalyst. Kinetics of the polymerization and microstructural analysis. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4314-4325.	2.3	14
423	2-Benzoxazolyl-6-(1-(arylimino)ethyl)pyridyl cobalt (II) chlorides: A temperature switch catalyst in oligomerization and polymerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2009, 309, 166-171.	4.8	45
424	Synthesis, structure, and catalytic ethylene oligomerization of nickel(II) and cobalt(II) complexes with symmetrical and unsymmetrical 2,9-diaryl-1,10-phenanthroline ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 89-96.	2.4	36
425	Iron bis(arylimino)pyridine precursors activated to catalyze ethylene oligomerization as studied by DFT and QSAR approaches. <i>Computational and Theoretical Chemistry</i> , 2009, 903, 100-107.	1.5	17
426	Homogeneous and supported bis(imino)pyridyl vanadium(III) catalysts. <i>Journal of Molecular Catalysis A</i> , 2009, 304, 180-186.	4.8	16
427	Structures of Co, Pd and Ni complexes with iminopyridine ligands having an hydroxymethyl or acrylate pendant group. <i>Polyhedron</i> , 2009, 28, 2459-2465.	2.2	10

#	ARTICLE	IF	CITATIONS
428	Acetamidine complexes as catalysts for ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 717-725.	1.8	17
429	Bis(imino)pyridine palladium(II) complexes: Synthesis, structure and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2290-2294.	1.8	33
430	Synthesis and characterization of para-nitro substituted 2,6-bis(phenylimino)pyridyl Fe(II) and Co(II) complexes and their ethylene polymerization properties. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3793-3799.	1.8	26
431	Chromium(III) complexes bearing 2-benzoxazolyl-6-arylimino-pyridines: Synthesis and their ethylene reactivity. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3701-3707.	1.8	39
432	Mechanism of stereospecific polymerization of α -olefins by late-transition metal and octahedral group 4 metal catalysts. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2082-2097.	18.8	56
433	Synthesis, characterization of a novel anilido-iminato cobalt (II) complex and its application for addition polymerization of norbornene. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1193-1196.	3.9	5
434	Investigating the Nature of the Active Species in Bis(imino)pyridine Cobalt Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2009, 28, 6003-6013.	2.3	38
435	Complexes of copper(II) and cobalt(II) halides with 4-(3,5-dimethyl-1H-pyrazol-1-yl)-6-methyl-2-phenylpyrimidine: Synthesis, structures, and properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 597-608.	1.0	7
436	Studies on the Atropisomerism of Fe(II) 2,6-Bis(<i>N</i> -arylimino)pyridine Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 3679-3691.	4.0	28
437	C-H Activation of Imines by Trimethylphosphine-Supported Iron Complexes and Their Reactivities. <i>Organometallics</i> , 2009, 28, 2300-2310.	2.3	59
438	Reduction Chemistry of Aryl- and Alkyl-Substituted Bis(imino)pyridine Iron Dihalide Compounds: Molecular and Electronic Structures of $[(PDI)_2Fe]$ Derivatives. <i>Inorganic Chemistry</i> , 2009, 48, 4190-4200.	4.0	76
439	Selective cyclopolymerization of α,ω -dienes and copolymerization with ethylene catalyzed by Fe and Co complexes. <i>Dalton Transactions</i> , 2009, , 8955.	3.3	24
440	Syntheses and Structures of Blue-Luminescent Mercury(II) Complexes with 2,6-Bis(imino)pyridyl Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 6034-6043.	4.0	48
441	Electron-Deficient Iron Alkyl Complexes Supported by Diimine Ligand $(Ph)_2CN)_2C(H)_4$: Evidence for Reversible Ethylene Binding. <i>Organometallics</i> , 2009, 28, 209-215.	2.3	19
442	Synthesis, characterization and ethylene oligomerization of nickel complexes bearing N-(2-(1H-benzo[d]imidazol-2-yl)quinolin-8-yl)benzamide derivatives. <i>Dalton Transactions</i> , 2009, , 4085.	3.3	34
444	Ethylene Oligomerization Using First-Row Transition Metal Complexes Featuring Heterocyclic Variants of Bis(imino)pyridine Ligands. <i>Organometallics</i> , 2009, 28, 4852-4867.	2.3	71
445	Bis[(amidomethyl)pyridine] Zirconium(IV) Complexes: Synthesis, Characterization, and Activity as Olefin Polymerization Catalysts. <i>Organometallics</i> , 2009, 28, 688-697.	2.3	30
446	Formation and Nature of the Active Sites in Bis(imino)pyridine Iron-Based Polymerization Catalysts. <i>Organometallics</i> , 2009, 28, 3225-3232.	2.3	85

#	ARTICLE	IF	CITATIONS
447	Theoretical Study on a Multicenter Model Based on Different Metal Oxidation States for the Bis(imino)pyridine Iron Catalysts in Ethylene Polymerization. <i>Organometallics</i> , 2009, 28, 5889-5895.	2.3	43
448	Coordination of tetradentate X ₂ N ₂ (X = P, S, O) ligands to iron(II) metal center and catalytic application in the transfer hydrogenation of ketones. <i>Dalton Transactions</i> , 2009, , 1659.	3.3	60
449	2-(1 <i>H</i> -2-Benzimidazolyl)-6-(1-(arylimino)ethyl)pyridyl Iron(II) and Cobalt(II) Dichlorides: Syntheses, Characterizations, and Catalytic Behaviors toward Ethylene Reactivity. <i>Organometallics</i> , 2009, 28, 2225-2233.	2.3	118
450	Synthesis, characterization, and catalytic behaviours of η^2 -carbonylenamine-derived [O α NS]TiCl ₃ complexes in ethylene homo- and copolymerization. <i>Dalton Transactions</i> , 2009, , 8945.	3.3	37
451	Alkene oligomerisation and polymerisation with metal-NHC based catalysts. <i>Dalton Transactions</i> , 2009, , 6915.	3.3	81
452	Synthesis and characterization of manganese and iron complexes supported by multidentate [N ₂ P ₂] ligands. <i>Dalton Transactions</i> , 2009, , 1714.	3.3	31
453	Synthesis of a bulky bis(imino)pyridine compound: a methodology for systematic variation of steric bulk and energetic implications for metalation. <i>Dalton Transactions</i> , 2009, , 1214-1222.	3.3	15
454	Solid and solution state flexibility of sterically congested bis(imino)bipyridine complexes of zinc(II) and nickel(II). <i>Dalton Transactions</i> , 2009, , 185-196.	3.3	13
455	Mixed ligand complexes of η^2 -diketonates: synthesis, characterization, and FAB mass spectral analysis. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2983-2994.	2.2	8
456	Chapter 5 Hetarylazomethine Metal Complexes. <i>Advances in Heterocyclic Chemistry</i> , 2009, , 291-392.	1.7	24
457	Immobilization of bis(imino)pyridine iron complexes onto mesoporous molecular sieves and their catalytic performance in ethylene oligomerization. <i>Catalysis Communications</i> , 2009, 10, 1467-1471.	3.3	17
458	Catalytic Behavior of Bis(imino)pyridineiron(II) Complex Supported on Clay Minerals during Slurry Polymerization of Ethylene. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 624-626.	3.2	5
459	Online Monitoring of Polyolefin Particle Growth in Catalytic Olefin Slurry Polymerization by Means of Lasentec Focused Beam Reflectance Measurement (FBRM) and Video Microscopy (PVM) Probes. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 25-39.	1.5	13
460	Bis(Pyrazolyl)Pyridine Late Transition Metal Complexes as Single-Site Catalysts for Ethylene Polymerization to Highly Linear Polyethylene. <i>Catalysis Letters</i> , 2010, 139, 90-96.	2.6	12
461	Novel Late Transition Metal Catalysts Based on Iron: Synthesis, Structures and Ethylene Polymerization. <i>Catalysis Letters</i> , 2010, 140, 160-166.	2.6	26
462	Aldimine 2,6-bis(imino)pyridine iron(II) and cobalt(II)/methyl aluminoxane catalyst systems for polymerization of tert-butylacrylate. <i>Transition Metal Chemistry</i> , 2010, 35, 7-11.	1.4	2
463	Polymerization of styrene by Novel Ni(II)- and Pd(II)-based complexes. <i>Chinese Journal of Chemistry</i> , 2000, 18, 896-899.	4.9	7
464	Ethylene Oligomerization by η^2 -Aminoquinoline Nickel Dichloride Complex Supported on η^2 -Cyclodextrin#. <i>Chinese Journal of Chemistry</i> , 2003, 21, 491-493.	4.9	3

#	ARTICLE	IF	CITATIONS
465	An Unusual Nâ€Bridged (Amido)(hydrido)(phenoxido)aluminium Dinuclear Compound â€ The Role of Nitrogen Substituents in Determining Nuclearity: A Combined Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1522-1529.	2.0	14
468	Complexes of Clickâ€Derived Bistriazolylpyridines: Remarkable Electronic Influence of Remote Substituents on Thermodynamic Stability as well as Electronic and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 10202-10213.	3.3	93
469	Neutral and Cationic Alkylmanganese(II) Complexes Containing 2,6â€Bis(imino)pyridine Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 13834-13842.	3.3	26
470	Organometallicâ€Mediated Radical Polymerization: Developing Wellâ€Defined Complexes for Reversible Transition Metalâ€Alkyl Bond Homolysis. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 10-16.	2.2	49
471	Synthesis, spectroscopic and structural characterization of cobalt(II) complex with uracil-containing 2,6-diformylpyridine ligand: Theoretical studies on the ligand and pentagonal-bipyramidal [Co(L)(H ₂ O) ₂] ²⁺ and [Zn(L)(H ₂ O) ₂] ²⁺ cations. <i>Journal of Molecular Structure</i> , 2010, 966, 39-47.	3.6	9
472	Selective activation of metallic center in heterobinuclear cobalt and nickel complex in ethylene polymerization. <i>Polymer</i> , 2010, 51, 3091-3098.	3.8	18
473	Titanium complexes with modifiable pyrazolonato and pyrazolonato-ketimine ligands: Synthesis, characterization and ethylene polymerization behavior. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 11-17.	1.8	6
474	Iron(III) complexes bearing 2-(benzimidazole)-6-(1-aryliminoethyl)pyridines: Synthesis, characterization and their catalytic behaviors towards ethylene oligomerization and polymerization. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 90-95.	1.8	27
475	Pyrazole and (pyrazol-1-yl)metal complexes as carbonâ€carbon coupling catalysts. <i>Inorganica Chimica Acta</i> , 2010, 363, 1947-1964.	2.4	83
476	Niobium complexes as catalytic precursors for the polymerization of olefins. <i>Coordination Chemistry Reviews</i> , 2010, 254, 525-536.	18.8	58
477	Highly active and selective ethylene oligomerization catalysts: Asymmetric 2,6-bis(imino)pyridyl iron (II) complexes with alkyl and halogen substituents. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1199-1202.	3.9	36
478	Copolymerization of ethylene and <i>in situ</i> â€generated 1,3â€olefins to highâ€performance linear lowâ€density polyethylene with a twoâ€catalyst system supported on mesoporous molecular sieves. <i>Polymer International</i> , 2010, 59, 725-732.	3.1	7
479	Influence of the metal centers of 2,6â€bis(imino)pyridyl transition metal complexes on ethylene polymerization/ oligomerization catalytic activities. <i>Polymer International</i> , 2010, 59, 1058-1063.	3.1	7
480	Leaching- and fragmentation-free heterogenization of late transition metal complexes as a model system to prove the growth mechanism of polyethylene. <i>Journal of Materials Chemistry</i> , 2010, 20, 7150.	6.7	7
481	Synthesis and Molecular and Electronic Structures of Reduced Bis(imino)pyridine Cobalt Dinitrogen Complexes: Ligand versus Metal Reduction. <i>Journal of the American Chemical Society</i> , 2010, 132, 1676-1684.	13.7	175
482	Synthesis of Aryl-Substituted Bis(imino)pyridine Iron Dinitrogen Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 2782-2792.	4.0	124
483	Reduced <i>N</i> -Alkyl Substituted Bis(imino)pyridine Cobalt Complexes: Molecular and Electronic Structures for Compounds Varying by Three Oxidation States. <i>Inorganic Chemistry</i> , 2010, 49, 6110-6123.	4.0	94
484	Designing late-transition metal catalysts for olefin insertion polymerization and copolymerization. <i>Chemical Communications</i> , 2010, 46, 7879.	4.1	238

#	ARTICLE	IF	CITATIONS
485	Synthesis and Electronic Structure of Cationic, Neutral, and Anionic Bis(imino)pyridine Iron Alkyl Complexes: Evaluation of Redox Activity in Single-Component Ethylene Polymerization Catalysts. <i>Journal of the American Chemical Society</i> , 2010, 132, 15046-15059.	13.7	155
486	Coordination Networks from Zero-Dimensional Metallomacrocyclic, One-Dimensional Chain to Two-Dimensional Sheet Based on a Ditopic Diiminopyridine Ligand and Group 12 Metals. <i>Crystal Growth and Design</i> , 2010, 10, 2331-2341.	3.0	55
487	An Unsymmetrical Iron(II) Bis(imino)pyridyl Catalyst for Ethylene Polymerization: Effect of a Bulky Ortho Substituent on the Thermostability and Molecular Weight of Polyethylene. <i>Organometallics</i> , 2010, 29, 2118-2125.	2.3	87
488	Recent progress in olefin polymerization catalyzed by transition metal complexes: new catalysts and new reactions. <i>Dalton Transactions</i> , 2010, 39, 311-328.	3.3	165
489	Radical Ligands Confer Nobility on Base-Metal Catalysts. <i>Science</i> , 2010, 327, 794-795.	12.6	810
490	(Py) ₂ Co(CH ₂) ₂ SiMe ₃) ₂ As an Easily Accessible Source of π -CoR ₂ . <i>Organometallics</i> , 2010, 29, 1897-1908.	2.3	47
491	Synthesis and Structural Characterization of the First Copper(I) Complexes with Bis(imino)-N-heterocyclic Carbene NCN Pincer Ligands. <i>Organometallics</i> , 2010, 29, 3133-3138.	2.3	46
492	Disproportionation and radical formation in the coordination of π -Gal π with bis(imino)pyridines. <i>Dalton Transactions</i> , 2010, 39, 1266-1272.	3.3	49
493	2-[1-(2,6-Dibenzhydryl-4-methylphenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridylcobalt(ii) dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Dalton Transactions</i> , 2011, 40, 10209.	3.3	86
494	Access to highly active and thermally stable iron procatalysts using bulky 2-[1-(2,6-dibenzhydryl-4-methylphenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridine ligands. <i>Chemical Communications</i> , 2011, 47, 3257.	4.1	143
495	A ruthenium catalyst yielding crosslinked polyethylene. <i>Chemical Communications</i> , 2011, 47, 7836.	4.1	22
496	2-(1-Aryliminopropylidene)quinolylcobalt(ii) dichlorides: synthesis, characterization and catalytic behaviour towards ethylene. <i>Catalysis Science and Technology</i> , 2011, 1, 462.	4.1	16
497	Iron-catalysed reduction of carbonyls and olefins. <i>RSC Advances</i> , 2011, 1, 1435.	3.6	135
498	Thermochemistry of the Initial Steps of Methylaluminoxane Formation. Aluminoxanes and Cycloaluminoxanes by Methane Elimination from Dimethylaluminum Hydroxide and Its Dimeric Aggregates. <i>Journal of the American Chemical Society</i> , 2011, 133, 13323-13336.	13.7	42
499	Iron Silylamide-Grafted Periodic Mesoporous Silica. <i>Inorganic Chemistry</i> , 2011, 50, 7217-7228.	4.0	33
500	Highly active and stereospecific polymerization of 1,3-butadiene catalyzed by dinuclear cobalt(ii) complexes bearing 3-aryliminomethyl-2-hydroxybenzaldehydes. <i>Dalton Transactions</i> , 2011, 40, 10975.	3.3	56
501	Bidentate Iron(II) Dichloride Complexes Bearing Substituted 8-(Benzimidazol-2-yl)quinolines: Synthesis, Characterization, and Ethylene Polymerization Behavior. <i>Organometallics</i> , 2011, 30, 3658-3665.	2.3	30
502	Synthesis of Bis(amino)pyridines by the Stepwise Alkylation of Bis(imino)pyridines: An Unexpected and Selective Alkylation of the Aminoiminopyridine by AlMe ₃ . <i>Organometallics</i> , 2011, 30, 6028-6033.	2.3	24

#	ARTICLE	IF	CITATIONS
503	Oxidation and Reduction of Bis(imino)pyridine Iron Dicarbonyl Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9888-9895.	4.0	62
504	Dichlorocobalt(II) Complexes Ligated by Bidentate 8-(Benzoimidazol-2-yl)quinolines: Synthesis, Characterization, and Catalytic Behavior toward Ethylene. <i>Organometallics</i> , 2011, 30, 4847-4853.	2.3	54
505	Synthesis, characterization and ethylene oligomerization behaviour of 8-(1-aryliminoethylidene)quinaldinylnickel dihalides. <i>Catalysis Science and Technology</i> , 2011, 1, 69.	4.1	43
508	SYNTHESIS AND CATALYTIC APPLICATIONS OF IRON Pincer COMPLEXES. <i>Comments on Inorganic Chemistry</i> , 2011, 32, 88-112.	5.2	65
509	New Chromium(III) Complexes with Imine-Cyclopentadienyl Ligands: Synthesis, Characterization, and Catalytic Properties for Ethylene Polymerization. <i>Organometallics</i> , 2011, 30, 433-440.	2.3	23
511	New stable aryl-substituted acyclic imino-N-heterocyclic carbene: synthesis, characterisation and coordination to early transition metals. <i>Dalton Transactions</i> , 2011, 40, 12705.	3.3	35
512	Design of Vanadium Complex Catalysts for Precise Olefin Polymerization. <i>Chemical Reviews</i> , 2011, 111, 2342-2362.	47.7	265
513	On the Influence of Density Functional Approximations on Some Local Bader's Atoms-in-Molecules Properties. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5505-5515.	2.5	52
514	Iron Hydride Complexes Bearing Phosphinite-Based Pincer Ligands: Synthesis, Reactivity, and Catalytic Application in Hydrosilylation Reactions. <i>Organometallics</i> , 2011, 30, 4720-4729.	2.3	165
515	Redox-Active Ligands and Organic Radical Chemistry. <i>Inorganic Chemistry</i> , 2011, 50, 9879-9887.	4.0	115
516	Iron-oriented ethylene oligomerization and polymerization: The Iron Age or a flash in the pan. <i>Comptes Rendus Chimie</i> , 2011, 14, 851-855.	0.5	54
517	Single-Molecule Magnet Behavior with a Single Metal Center Enhanced through Peripheral Ligand Modifications. <i>Journal of the American Chemical Society</i> , 2011, 133, 15814-15817.	13.7	319
518	Neutral palladium(II) complexes with P,N Schiff-base ligands: Synthesis, characterization and catalytic oligomerisation of ethylene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3585-3592.	1.8	31
519	Novel Catalytic System for Ethylene Oligomerization: An Iron(III) Complex with an Anionic N,N,N Ligand. <i>Organometallics</i> , 2011, 30, 2640-2642.	2.3	28
520	<i>In Silico</i> Prediction of Catalytic Oligomerization Degrees. <i>Organometallics</i> , 2011, 30, 3911-3914.	2.3	11
521	Recent advances in polyolefin technology. <i>Polymer Chemistry</i> , 2011, 2, 1611.	3.9	117
523	Ferrous and cobaltous chloride complexes bearing 2-(1-(arylimino)methyl)-8-(1H-benzimidazol-2-yl)quinolines: Synthesis, characterization and catalytic behavior in ethylene polymerization. <i>Polymer</i> , 2011, 52, 5803-5810.	3.8	22
524	Bis(arylimino)pyridine iron(III) complexes as catalyst precursors for the oligomerization and polymerization of ethylene. <i>Applied Catalysis A: General</i> , 2011, 403, 25-25.	4.3	3

#	ARTICLE	IF	CITATIONS
525	2-Î²-Benzothiazolyl-6-iminopyridylmetal dichlorides and the catalytic behavior towards ethylene oligomerization and polymerization. <i>Inorganica Chimica Acta</i> , 2011, 376, 373-380.	2.4	21
526	2-(R-1H-Benzoimidazol-2-yl)-6-(1-arylminoethyl)pyridyliron(II) dichlorides: Synthesis, characterization and the ethylene oligomerization behavior. <i>Inorganica Chimica Acta</i> , 2011, 379, 70-75.	2.4	10
527	Catalytic and coordination facets of single-site non-metallocene organometallic catalysts with N-heterocyclic scaffolds employed in olefin polymerization. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2785-2809.	18.8	65
528	Oligomerization and Polymerization of Olefins with Iron and Cobalt Catalysts Containing 2,6-Bis(imino)pyridine and Related Ligands. <i>Catalysis By Metal Complexes</i> , 2011, , 77-197.	0.6	3
529	Development of Imine Derivative Ligands for the Exocyclic Activation of Late Transition Metal Polymerization Catalysts. <i>Catalysis By Metal Complexes</i> , 2011, , 39-75.	0.6	4
530	High activity acetylene polymerisation with a bis(imino)pyridine iron(ii) catalyst. <i>Chemical Communications</i> , 2011, 47, 6945.	4.1	8
531	Bis(4-â€methylthiazolyl)isoindoline (4-â€Mebti) Complexes of Palladium: Cationic [Pd^{II}(4-â€Mebti)L]⁺ Species with a L = Neutral Group XIV or Group XV Donor Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1769-1776.	1.2	1
533	Synthesis, Electronic Structure, and Ethylene Polymerization Activity of Bis(imino)pyridine Cobalt Alkyl Cations. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8143-8147.	13.8	67
534	Neutral Nickel Oligo- and Polymerization Catalysts: The Importance of Alkyl Phosphine Intermediates in Chain Termination. <i>Chemistry - A European Journal</i> , 2011, 17, 14628-14642.	3.3	16
535	Synthesis, characterization, and MMA polymerization activity of tetrahedral Co (II) complex bearing N, N-bis(1-pyrazolyl)methyl ligand based on aniline moiety. <i>Inorganic Chemistry Communication</i> , 2011, 14, 189-193.	3.9	38
536	New processes for the selective production of 1-octene. <i>Coordination Chemistry Reviews</i> , 2011, 255, 1499-1517.	18.8	208
537	Methylated cyclodextrins as preorganisation platforms for the synthesis of multidentate chelating ligands aimed at transition metal coordination and industrially relevant catalysis. <i>Comptes Rendus Chimie</i> , 2011, 14, 135-148.	0.5	14
538	Group 4 metal bis(chelate) complexes of 2-anilidomethylpyridine ligands: Synthesis and catalytic activity for olefin polymerization. <i>Journal of Molecular Catalysis A</i> , 2011, 337, 1-8.	4.8	11
539	Biphasic ethylene oligomerization using bis(imino)pyridine cobalt complexes in methyl-butylimidazolium organochloroaluminate ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2011, 340, 83-88.	4.8	18
540	Iron(II) and cobalt(II) complexes bearing 8-(1-arylminoethylidene) quinaldines: Synthesis, characterization and ethylene dimerization behavior. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2594-2599.	1.8	20
541	Synthesis, characterization and catalytic behavior toward ethylene of cobalt(II) and iron(II) complexes bearing 2-(1-arylminoethylidene)quinolines. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3029-3035.	1.8	29
542	Fe-â€H Complexes in Catalysis. <i>Topics in Organometallic Chemistry</i> , 2011, , 27-81.	0.7	100
543	Late Transition Metal Catalyst Based on Cobalt for Polymerization of Ethylene. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011, 60, 776-786.	3.4	5

#	ARTICLE	IF	CITATIONS
544	Acetylaminopyridineiron(III) Complexes Immobilized in Fluorotetrasilic Mica Interlayer as Efficient Catalysts for Oligomerization of Ethylene. <i>Chemistry Letters</i> , 2012, 41, 461-463.	1.3	11
545	2-(1-(Arylimino)ethyl)-8-arylimino-5,6,7-trihydroquinolylcobalt dichloride: Synthesis and polyethylene wax formation. <i>Applied Catalysis A: General</i> , 2012, 447-448, 67-73.	4.3	76
546	Industrial Catalysts for Alkene Polymerization. , 2012, , 657-672.		12
547	Frontiers of mechanistic studies of coordination polymerization and oligomerization of α -olefins. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2994-3007.	18.8	88
548	Iron-Catalyzed Polymerization of Isoprene and Other 1,3-Dienes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11805-11808.	13.8	100
551	Ruthenium(II) complexes bearing pyridine-based tridentate and bidentate ligands: catalytic activity for transfer hydrogenation of aryl ketones. <i>Applied Organometallic Chemistry</i> , 2012, 26, 663-670.	3.5	30
552	Synthesis, structure, and ethylene polymerization behavior of nickel complexes based on benzoylmethylenetri(2-alkoxyphenyl)phosphorane. <i>Dalton Transactions</i> , 2012, 41, 4552.	3.3	17
553	2-[1-(2,4-Dibenzhydryl-6-methylphenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridylcobalt(ii) dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Polymer Chemistry</i> , 2012, 3, 787.	3.9	81
554	Synthesis and Ring-Opening Metathesis Polymerization of Norbornene-Terminated Syndiotactic Polypropylene. <i>Macromolecules</i> , 2012, 45, 7863-7877.	4.8	32
555	Thio-Pybox and Thio-Phebox complexes of chromium, iron, cobalt and nickel and their application in ethylene and butadiene polymerisation catalysis. <i>Dalton Transactions</i> , 2012, 41, 5949.	3.3	51
556	How Do the Thiolate Ligand and Its Relative Position Control the Oxygen Activation in the Cysteine Dioxygenase Model?. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5510-5517.	2.5	5
557	Crowded Diphosphinomethane Ligands in Catalysis: [(R ² PCH ₂ PR ²)(η^2 -P)NiR ³]+Cations for Ethylene Polymerization without Activators. <i>Organometallics</i> , 2012, 31, 207-224.	2.3	26
558	Electronic Effects in 4-Substituted Bis(imino)pyridines and the Corresponding Reduced Iron Compounds. <i>Organometallics</i> , 2012, 31, 2275-2285.	2.3	68
559	Striking a Compromise: Polar Functional Group Tolerance versus Insertion Barrier Height for Olefin Polymerization Catalysts. <i>Organometallics</i> , 2012, 31, 6022-6031.	2.3	14
560	Nickel complexes with κ^2 -derived pyridyl-triazole ligands: weak intermolecular interactions and catalytic ethylene oligomerisation. <i>Dalton Transactions</i> , 2012, 41, 12984.	3.3	53
561	Iron-catalysed, hydride-mediated reductive cross-coupling of vinyl halides and Grignard reagents. <i>Chemical Communications</i> , 2012, 48, 1580-1582.	4.1	32
562	2-[1-(2,6-Dibenzhydryl-4-methylphenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridylnickel(II) halides: Synthesis, characterization and ethylene oligomerization behavior. <i>Journal of Organometallic Chemistry</i> , 2012, 702, 52-58.	1.8	51
563	2-[1-(2,6-dibenzhydryl-4-chlorophenylimino)ethyl]-6-[1-aryliminoethyl]pyridyl cobalt dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Journal of Organometallic Chemistry</i> , 2012, 713, 209-216.	1.8	72

#	ARTICLE	IF	CITATIONS
564	Stereospecific polymerization of 1,3-butadiene catalyzed by cobalt complexes bearing N-containing diphosphine PNP ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 55-61.	1.8	38
566	Substituent Effects of Pyridine-amine Nickel Catalyst Precursors on Ethylene Polymerization. <i>ACS Catalysis</i> , 2012, 2, 433-440.	11.2	73
567	Synthesis of (co-)polyethylene with broad molecular weight distribution by the heterogenous Ziegler-Natta catalysts via one-pot strategy. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 2217-2224.	5.8	13
568	The effect of imine-carbon substituents in bis(imino)pyridine-based ethylene polymerisation catalysts across the transition series. <i>Catalysis Science and Technology</i> , 2012, 2, 643.	4.1	74
569	Catalytic Activities for Olefin Polymerization: Titanium(III), Titanium(IV), Zirconium(IV), and Hafnium(IV) η^2 -Diketiminato, 1-Aza-1,3-butadienyl-Imido, and 1-Aza-2-butenyl-Imido Complexes Bearing an Extremely Bulky Substituent, the Tbt Group (Tbt =) $\text{Tj ETQqO O O rgBT /Overlock 10 Tf 50 577 Td (2,4,6-[(Me)_{3</sub>Si)_{2</sub>CH}]₃}$. <i>Macromolecules</i> , 2012, 45, 1758-1769.	4.3	109
570	Bis(imino)pyridine Iron Dinitrogen Compounds Revisited: Differences in Electronic Structure Between Four- and Five-Coordinate Derivatives.. <i>Inorganic Chemistry</i> , 2012, 51, 3770-3785.	4.0	126
571	Acetylene Cyclotrimerization with an Iron(II) Bis(imino)pyridine Catalyst. <i>Organometallics</i> , 2012, 31, 3439-3442.	2.3	38
572	Ethylene polymerization by 2-iminopyridylnickel halide complexes: synthesis, characterization and catalytic influence of the benzhydryl group. <i>Dalton Transactions</i> , 2012, 41, 11999.	3.3	109
573	Ethylene polymerization over homogeneous Bis(imino)pyridine vanadium catalysts: data on the number and reactivity of active sites. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	9
574	Preparation and Reactivity Study of Chromium(III), Iron(II), and Cobalt(II) Complexes of 1,3-Bis(imino)benzimidazol-2-ylidene and 1,3-Bis(imino)pyrimidin-2-ylidene. <i>Organometallics</i> , 2012, 31, 7351-7358.	2.3	41
575	Electroactive Bisiminopyridine Ligands: Synthesis and Complexation Studies. <i>Crystals</i> , 2012, 2, 338-348.	2.2	16
576	Mechanisms of branch formation in metal-catalyzed ethene polymerization. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2012, 2, 221-241.	14.6	23
577	Vinyl Polymerization of Norbornene on Nickel Complexes with Bis(imino)pyridine Ligands Containing Electron-Withdrawing Groups. <i>Organometallics</i> , 2012, 31, 1143-1149.	2.3	57
578	Iron-Catalyzed, Highly Regioselective Synthesis of η^1 -Aryl Carboxylic Acids from Styrene Derivatives and $\text{CO}_{2</sub>}$. <i>Journal of the American Chemical Society</i> , 2012, 134, 11900-11903.	13.7	253
579	Synthesis, Characterization, and Ethylene Polymerization Studies of Chromium, Iron, and Cobalt Complexes Containing 1,3-Bis(imino)-N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2012, 31, 2463-2469.	2.3	56
580	2-(1-(Arylimino)ethyl)-8-arylimino-5,6,7-trihydroquinoline Iron(II) Chloride Complexes: Synthesis, Characterization, and Ethylene Polymerization Behavior. <i>Organometallics</i> , 2012, 31, 5039-5048.	2.3	96
581	Enhancing the Activity and Thermal Stability of Iron Precatalysts Using $2\text{-}(\text{1-}(\text{1-}(\text{2,6-}(\text{bis}(\text{4-}(\text{fluorophenyl})\text{methyl})\text{-}4\text{-}(\text{methylphenylimino})\text{ethyl})\text{-}6\text{-}(\text{1-}(\text{arylimino})\text{ethyl})\text{pyridine})_2$. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1266-1273.	2.3	82
582	Tuning redox potentials of bis(imino)pyridine cobalt complexes: an experimental and theoretical study involving solvent and ligand effects. <i>Dalton Transactions</i> , 2012, 41, 3562.	3.3	41

#	ARTICLE	IF	CITATIONS
583	Ni(II) and Fe(II) complexes based on bis(imino)aryl pincer ligands: synthesis, structural characterization and catalytic activities. <i>Dalton Transactions</i> , 2012, 41, 9639.	3.3	36
584	Syntheses, Characterization, and Ethylene Polymerization of Titanium Complexes with Double-Duty Tridentate [ONN] Ligands. <i>Organometallics</i> , 2012, 31, 3241-3247.	2.3	29
585	Characterizing Agosticity Using the Quantum Theory of Atoms in Molecules: Bond Critical Points and Their Local Properties. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5472-5479.	2.5	40
586	Novel functionalized bis(imino)pyridine cobalt(II) catalysts for ethylene polymerization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	12
587	Iron(III) complexes with meta-substituted bis(arylimino)pyridine ligands: Catalyst precursors for the selective oligomerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2012, 352, 110-127.	4.8	16
588	Controlling the ethylene polymerization parameters in iron pre-catalysts of the type 2-[1-(2,4-dibenzhydryl-6-methylphenylimino)ethyl]-6-[1-(arylimino)ethyl] pyridyliron dichloride. <i>Polymer</i> , 2012, 53, 130-137.	3.8	105
589	2-[1-(2,6-Dibenzhydryl-4-chlorophenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridyliron(II) dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Polymer</i> , 2012, 53, 1870-1880.	3.8	93
590	Non-Innocent Ligands: New Opportunities in Iron Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 376-389.	2.0	157
591	Homo- and copolymerizations of ethylene and 1-olefins in n-hexane catalyzed by Ni(II)-1,1'-diimine catalyst. <i>Polymer Bulletin</i> , 2012, 68, 327-339.	3.3	5
592	Effect of molecular weight distribution on Newtonian viscosity of linear polyethylene. <i>Rheologica Acta</i> , 2012, 51, 81-87.	2.4	23
593	Effect of high molar mass species on linear viscoelastic properties of polyethylene melts. <i>European Polymer Journal</i> , 2013, 49, 2748-2758.	5.4	8
594	Electronic Influences in Phosphinesulfonato Palladium(II) Polymerization Catalysts. <i>Organometallics</i> , 2013, 32, 4516-4522.	2.3	87
595	Can bis(imino)pyridine iron, (PDI)FeL1L2, complexes catalyze C-H bond functionalization?. <i>Chemical Science</i> , 2013, 4, 3758.	7.4	23
596	Synthesis, Structures, and Dearomatization by Deprotonation of Iron Complexes Featuring Bipyridine-based PNN Pincer Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 9636-9649.	4.0	53
597	Synthesis, characterization and catalytic behavior toward ethylene of 2-[1-(4,6-dimethyl-2-benzhydrylphenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridylmetal (iron or cobalt) chlorides. <i>Dalton Transactions</i> , 2013, 42, 9188.	3.3	93
598	Metal vs. chalcogen competition in the catalytic mechanism of cysteine dioxygenase. <i>Journal of Inorganic Biochemistry</i> , 2013, 122, 1-7.	3.5	4
599	Direct Synthesis of Ligand-Based Radicals by the Addition of Bipyridine to Chromium(II) Compounds. <i>Inorganic Chemistry</i> , 2013, 52, 2271-2273.	4.0	14
600	Water as an Activator for Palladium(II)-Catalyzed Olefin Polymerization. <i>Chemistry - A European Journal</i> , 2013, 19, 13956-13961.	3.3	16

#	ARTICLE	IF	CITATIONS
601	Synthesis and Structure of Group 4 Symmetric Amidinate Complexes and Their Reactivity in the Polymerization of 1,3-Olefins. <i>Organometallics</i> , 2013, 32, 6337-6352.	2.3	47
602	Novel Polyethylenes via Late Transition Metal Complex Pre-catalysts. <i>Advances in Polymer Science</i> , 2013, , 163-178.	0.8	44
603	Probing the Characteristics of Mono- or Bimetallic (Iron or Cobalt) Complexes Bearing 2,4-Bis(6-iminopyridin-2-yl)-3H-benzazepines: Synthesis, Characterization, and Ethylene Reactivity. <i>Organometallics</i> , 2013, 32, 2309-2318.	2.3	27
604	Synthesis of Highly Branched Polyethylene Using η^5 -Sandwich-(8-Tolyl naphthyl) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.3	190
605	Spin Density Distribution in Iron(II) and Cobalt(II) Alkyl Complexes Containing 1,3-Bis(2-pyridylimino)isoindolate Ligands. <i>Organometallics</i> , 2013, 32, 885-892.	2.3	22
606	N-Heterocyclic Carbene Ligands and Iron: An Effective Association for Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 19-33.	4.3	167
607	Tailoring iron complexes for ethylene oligomerization and/or polymerization. <i>Dalton Transactions</i> , 2013, 42, 8988-8997.	3.3	159
608	Development of new polymerization catalysts with manganese(II) complexes. <i>Coordination Chemistry Reviews</i> , 2013, 257, 119-129.	18.8	26
609	Giant Residual Dipolar ^{13}C - ^1H Couplings in High-Spin Organoiron Complexes: Elucidation of Their Structures in Solution by ^{13}C -NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2013, 19, 1599-1606.	3.3	27
610	Direct C_6H_5 Arylation of Unactivated Arenes with Aryl Halides Promoted by Bis(imino)pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 857-861.	2.7	18
611	Ethylene and Styrene Carbon Monoxide Copolymerization Catalyzed by Pyrazolyl Palladium(II) Complexes. <i>Organometallics</i> , 2013, 32, 980-988.	2.3	15
612	Solid-State Thermolysis of a η^5 -Rhenium(I) Carbonyl Complex with a Redox Non-Innocent Pincer Ligand. <i>Chemistry - A European Journal</i> , 2013, 19, 4278-4286.	3.3	10
613	Synthesis, structure, and magnetic properties of the halide-bridged dimeric complex $[(\text{bpmaL1})\text{Fe}(\text{I}/4\text{-Cl})\text{Cl}]_2$. <i>Inorganica Chimica Acta</i> , 2013, 394, 501-505.	2.4	7
614	Formal loss of an H radical by a cobalt complex via metal-ligand cooperation. <i>Chemical Communications</i> , 2013, 49, 2771.	4.1	63
615	Pyrazolylimine iron and cobalt, and pyrazolylamine nickel complexes: Synthesis and evaluation of nickel complexes as ethylene oligomerization catalysts. <i>Polyhedron</i> , 2013, 53, 295-303.	2.2	30
616	Formation of Cationic Intermediates upon the Activation of Bis(imino)pyridine Nickel Catalysts. <i>Organometallics</i> , 2013, 32, 2187-2191.	2.3	23
617	Immobilisation of homogeneous olefin polymerisation catalysts. Factors influencing activity and stability. <i>Dalton Transactions</i> , 2013, 42, 8979.	3.3	48
618	2-(1-{2,6-Bis[bis(4-fluorophenyl)methyl]-4-methylphenylimino}ethyl)-6-[1-(arylimino)ethyl]pyridylcobalt dichlorides: Synthesis, characterization and ethylene polymerization behavior. <i>Journal of Organometallic Chemistry</i> , 2013, 731, 78-84.	1.8	46

#	ARTICLE	IF	CITATIONS
619	Zn(η^5), Cd(η^5) and Cu(η^5) complexes of 2,5-bis{N-(2,6-diisopropylphenyl)iminomethyl}pyrrole: synthesis, structures and their high catalytic activity for efficient cyclic carbonate synthesis.. Dalton Transactions, 2013, 42, 1238-1248.	3.3	72
621	Controlled/living copolymerization of styrene and acrylamide in DMF with Fe/TMEDA complex as catalyst. Journal of Polymer Science Part A, 2013, 51, 2919-2924.	2.3	8
622	Kinetic study of ethylene polymerization over 2,6-bis(imino)pyridine cobalt complexes with bulky substituents in ligand. Journal of Molecular Catalysis A, 2013, 366, 353-358.	4.8	1
623	Unsymmetrical η^5 -diiminonickel bromide complexes: synthesis, characterization and their catalytic behavior toward ethylene. Catalysis Science and Technology, 2013, 3, 2737.	4.1	62
624	Synthesis, characterization and ethylene polymerization behavior of binuclear iron complexes bearing N,N'-bis(1-(6-(1-(arylimino)ethyl) pyridin-2-yl)ethylidene)benzidines. RSC Advances, 2013, 3, 26184.	3.6	41
625	Cu(O)/2,6-bis(imino)pyridines catalyzed single-electron transfer-living radical polymerization of methyl methacrylate initiated with poly(vinylidene fluoride-co-chlorotrifluoroethylene). Journal of Polymer Science Part A, 2013, 51, 4378-4388.	2.3	13
626	Synthesis and characterization of tridentate [O η^5 N(H)X] titanium complexes and their applications in olefin polymerization. Journal of Polymer Science Part A, 2013, 51, 2495-2503.	2.3	15
627	Iron Catalyst in the Preparation of Polyolefin Composites. Advances in Polymer Science, 2013, , 341-362.	0.8	4
628	2-(1-Aryliminoethyl)-9-arylimino-5,6,7,8-tetrahydrocycloheptapyridyl iron(η^5) dichloride: synthesis, characterization, and the highly active and tunable active species in ethylene polymerization. Dalton Transactions, 2014, 43, 16818-16829.	3.3	79
629	Ethylene Polymerization Catalyzed by Pyrene-Tagged Iron Complexes: The Positive Effect of π -Conjugation and Immobilization on Multiwalled Carbon Nanotubes. ChemCatChem, 2014, 6, 1310-1316.	3.7	16
630	Olefin Polymerization with Non-metallocene Catalysts (Early Transition Metals). Lecture Notes in Quantum Chemistry II, 2014, , 89-117.	0.3	6
631	Synthesis of Square-Planar Aluminum(III) Complexes. Angewandte Chemie - International Edition, 2014, 53, 14132-14134.	13.8	66
632	A study of molecular weight regulation in polyethylene by titanium diolate catalysts. Polymer International, 2014, 63, 206-213.	3.1	5
633			

#	ARTICLE	IF	CITATIONS
638	Catalytic behavior of Co(II) complexes with 2-((benzimidazolyl)â€“(arylimino)ethyl)pyridine ligands on isoprene stereospecific polymerization. Journal of Applied Polymer Science, 2014, 131, .	2.6	6
639	Iron Dicarbonyl Complexes Featuring Bipyridineâ€“Based PNN Pincer Ligands with Short Interpyridine Cï£¿C Bond Lengths: Innocent or Nonâ€“Innocent Ligand?. Chemistry - A European Journal, 2014, 20, 4403-4413.	3.3	56
640	Palladium(II) complexes containing N,Nâ€“2-bidentate N-cycloalkyl 2-iminomethylpyridine and 2-iminomethylquinoline: Synthesis, characterisation and methyl methacrylate polymerisation. Polyhedron, 2014, 69, 149-155.	2.2	23
641	Influence of diethylzinc on ethylene polymerization using iron catalyst homogeneous and supported on clay. Applied Catalysis A: General, 2014, 475, 179-185.	4.3	7
643	The evolutionary development of chain microstructure during tandem polymerization of ethylene: A Monte Carlo simulation study. Chemical Engineering Science, 2014, 111, 211-219.	3.8	25
644	Iron-Catalyzed Reductive Cyclization of 1,6-Enynes. Organic Letters, 2014, 16, 386-389.	4.6	32
645	Effect of metal cation complexation on the nonlinear optical response of an electroactive bisiminopyridine ligand. Dyes and Pigments, 2014, 101, 229-233.	3.7	85
646	Multiple, Disparate Redox Pathways Exhibited by a Tris(pyrrolido)ethane Iron Complex. Inorganic Chemistry, 2014, 53, 269-281.	4.0	23
647	Synthesis and characterization of 2-(2-benzhydrylnaphthyliminomethyl)pyridylnickel halides: formation of branched polyethylene. Dalton Transactions, 2014, 43, 3339-3346.	3.3	75
648	Ethylene oligomerization using iron complexes: beyond the discovery of bis(imino)pyridine ligands. Chemical Communications, 2014, 50, 1398.	4.1	68
650	Density functional theory study of bis(imino) N-heterocyclic carbene iron(II) complexes. Canadian Journal of Chemistry, 2014, 92, 925-931.	1.1	3
651	Deprotonation/protonation-driven change of the ï¿½f-donor ability of a sulfur atom in iron(<sc>ii</sc>) complexes with a thioamide SNS pincer type ligand. Dalton Transactions, 2014, 43, 9732-9739.	3.3	13
652	Novel cationic ï¿½3-methallyl palladium complexes bearing pyridinyl-imine ligands: Synthesis, characterization and X-ray study. Journal of Organometallic Chemistry, 2014, 772-773, 217-221.	1.8	5
653	Recent progresses of late-transition metal complexes with nonsymmetric diimine ligands in ethylene polymerization and oligomerization. Science Bulletin, 2014, 59, 2505-2512.	1.7	3
654	Ferrocenylpyrazolyl palladium complexes as catalysts for the polymerisation of 1-heptene and 1-octene to highly branched polyolefins. Dalton Transactions, 2014, 43, 8940-8950.	3.3	12
655	Biphenyl-Bridged 6-(1-Aryliminoethyl)-2-iminopyridylcobalt Complexes: Synthesis, Characterization, and Ethylene Polymerization Behavior. Organometallics, 2014, 33, 1382-1388.	2.3	38
656	Ethylene polymerization by PN3-type pincer chromium(III) complexes. Journal of Molecular Catalysis A, 2014, 395, 100-107.	4.8	39
657	Correlating net charges and the activity of bis(imino)pyridylcobalt complexes in ethylene polymerization. Inorganica Chimica Acta, 2014, 423, 450-453.	2.4	21

#	ARTICLE	IF	CITATIONS
658	Ethylene Polymerization at High Temperatures Catalyzed by Double-Decker-Type Dinuclear Iron and Cobalt Complexes: Dimer Effect on Stability of the Catalyst and Polydispersity of the Product. <i>Organometallics</i> , 2014, 33, 5316-5323.	2.3	43
660	Siloxane-mediated ethylene oligomerization with iron-based catalysts: Retarding the polymer formation. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2748-2759.	2.3	11
661	2-(1-(2-Benzhydrylnaphthylimino)ethyl)pyridylnickel halides: synthesis, characterization, and ethylene polymerization behavior. <i>Dalton Transactions</i> , 2014, 43, 423-431.	3.3	97
662	Nickel-based solid catalysts for ethylene oligomerization – a review. <i>Catalysis Science and Technology</i> , 2014, 4, 2412-2426.	4.1	251
663	Ruthenium(IV) Complexes for Ethylene Insertion Polymerization. <i>Organometallics</i> , 2014, 33, 1913-1916.	2.3	10
664	Understanding the role of aluminum-based activators in single site iron catalysts for ethylene oligomerization. <i>Journal of Catalysis</i> , 2014, 317, 153-157.	6.2	28
665	Bi- and tri-dentate imino-based iron and cobalt pre-catalysts for ethylene oligo-/polymerization. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 14-34.	6.0	116
666	Post-Metallocenes in the Industrial Production of Polyolefins. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9722-9744.	13.8	418
667	Asymmetric Bis(formamidinate) Group 4 Complexes: Synthesis, Structure and Their Reactivity in the Polymerization of α -Olefins. <i>Organometallics</i> , 2014, 33, 3119-3136.	2.3	27
669	Selective Formation of Ethyl- and/or Propyl-branched Oligoethylene Using Double-decker-type Dinuclear Fe Complexes as the Catalyst. <i>Chemistry Letters</i> , 2014, 43, 465-467.	1.3	17
670	Ethylene Oligomerization Using Bis(imino)pyridinecobalt(II) Complexes Immobilized in Fluorotetrasilic Mica Interlayer as Heterogeneous Catalysts. <i>Chemistry Letters</i> , 2014, 43, 1365-1367.	1.3	3
671	Zirconium Complexes of Two Different Iminopyrrolyl Ligands – Syntheses and Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 114-117.	1.2	8
672	Ethylene polymerization with homogeneous and heterogeneous catalysts based on bis(4-fluorophenyl)methyl-substituted bis(imino)pyridyliron complexes. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	4
673	Correlating Cobalt Net Charges with Catalytic Activities of the 2-(Benzimidazolyl)-1-aryliminoethylpyridylcobalt Complexes toward Ethylene Polymerization. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 473-479.	1.5	14
674	Comparison of the Electronic Properties of Diarylamido-Based PNZ Pincer Ligands: Redox Activity at the Ligand and Donor Ability Toward the Metal. <i>Inorganic Chemistry</i> , 2015, 54, 2916-2935.	4.0	48
675	A first-principles study of CO dissociative adsorption on iron nanoparticles supported on doped graphene. <i>Solid State Communications</i> , 2015, 223, 50-53.	1.9	6
676	Nickel(II) complexes with mono(imino)pyrrole ligands: preparation, structure and ethylene polymerization behavior. <i>Journal of Coordination Chemistry</i> , 2015, 68, 4212-4223.	2.2	6
677	Group 1 and group 2 metal complexes supported by a bidentate bulky iminopyrrolyl ligand: synthesis, structural diversity, and ϵ -caprolactone polymerization study. <i>Dalton Transactions</i> , 2015, 44, 19865-19879.	3.3	36

#	ARTICLE	IF	CITATIONS
678	Role of Homogeneous Catalysis in Oligomerization of Olefins : Focus on Selected Examples Based on Group 4 to Group 10 Transition Metal Complexes. <i>Catalysis Letters</i> , 2015, 145, 173-192.	2.6	137
679	Synthesis, characterization and crystal structure of cationic bis(pyridinylimine)cobalt(II) complexes. <i>Inorganica Chimica Acta</i> , 2015, 427, 173-177.	2.4	3
680	Iron(η^3 - and η^2 -bound PNP pincer ligands) complexes featuring η^3 - and η^2 -bound PNP pincer ligands – the significance of sterics. <i>Dalton Transactions</i> , 2015, 44, 281-294.	3.3	16
681	Ethylene polymerisation using solid catalysts based on layered double hydroxides. <i>Polymer Chemistry</i> , 2015, 6, 2493-2503.	3.9	36
682	Highly Tunable Catalyst Supports for Single-Site Ethylene Polymerization. <i>Chemistry of Materials</i> , 2015, 27, 1495-1501.	6.7	54
683	Polymerization in the confinement of molecular sieves: Facile preparation of high performance polyethylene. <i>European Polymer Journal</i> , 2015, 65, 15-32.	5.4	15
684	The aldimine effect in bis(imino)pyridine complexes: non-planar nickel(η^3 - and η^2 -bound PNP pincer ligands) complexes of a bis(aldimino)pyridine ligand. <i>Chemical Communications</i> , 2015, 51, 6496-6499.	4.1	18
685	N-heterocyclic carbene (NHC) complexes of group 4 transition metals. <i>Chemical Society Reviews</i> , 2015, 44, 1898-1921.	38.1	132
686	Novel Ni-based FI catalyst for ethylene polymerization. <i>European Polymer Journal</i> , 2015, 64, 118-125.	5.4	23
687	Synthesis, characterization and 1,3-butadiene polymerization studies of cobalt dichloride complexes bearing pyridine bisoxazoline ligands. <i>Polymer</i> , 2015, 59, 124-132.	3.8	25
688	Iron Catalysis in Organic Synthesis. <i>Chemical Reviews</i> , 2015, 115, 3170-3387.	47.7	1,500
689	1,4-Functionalization of 1,3-Dienes With Low-Valent Iron Catalysts. <i>Accounts of Chemical Research</i> , 2015, 48, 2330-2343.	15.6	136
690	Progression of Diiminopyridines: From Single Application to Catalytic Versatility. <i>ACS Catalysis</i> , 2015, 5, 4713-4724.	11.2	186
691	8-(2-Cycloalkylphenylimino)-5,6,7-trihydro-quinolynickel halides: polymerizing ethylene to highly branched and lower molecular weight polyethylenes. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 223-227.	6.0	47
692	Iron-Catalyzed Oligomerization and Polymerization Reactions. <i>Topics in Organometallic Chemistry</i> , 2015, , 217-257.	0.7	27
693	Synthesis and Reactivity of Iron Complexes with a New Pyrazine-Based Pincer Ligand, and Application in Catalytic Low-Pressure Hydrogenation of Carbon Dioxide. <i>Inorganic Chemistry</i> , 2015, 54, 4526-4538.	4.0	119
694	Insights into Functional-Group-Tolerant Polymerization Catalysis with Phosphine-Sulfonamide Palladium(II) Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 2062-2075.	3.3	24
695	Preparation, Characterization, and Catalytic Reactions of NCN Pincer Iron Complexes Containing Stannyl, Silyl, Methyl, and Phenyl Ligands. <i>Organometallics</i> , 2015, 34, 1377-1383.	2.3	39

#	ARTICLE	IF	CITATIONS
697	Exploring the effects of phenolic compounds on bis(imino)pyridine iron-catalyzed ethylene oligomerization. RSC Advances, 2015, 5, 95981-95993.	3.6	9
698	Discovery and Development of Pyridine-bis(imine) and Related Catalysts for Olefin Polymerization and Oligomerization. Accounts of Chemical Research, 2015, 48, 2599-2611.	15.6	154
699	Ring-tension adjusted ethylene polymerization by aryliminocycloheptapyridyl nickel complexes. Dalton Transactions, 2015, 44, 14281-14292.	3.3	72
700	Towards the rationalization of catalytic activity values by means of local hyper-softness on the catalytic site: a criticism about the use of net electric charges. Physical Chemistry Chemical Physics, 2015, 17, 29764-29775.	2.8	17
701	Iron Catalysis: Historic Overview and Current Trends. Topics in Organometallic Chemistry, 2015, , 1-18.	0.7	38
702	Constrained formation of 2-(1-(arylimino)ethyl)-7-arylimino-6,6-dimethylcyclopentapyridines and their cobalt(II) chloride complexes: synthesis, characterization and ethylene polymerization. RSC Advances, 2015, 5, 32720-32729.	3.6	61
703	Spin transitions in bis(amidinato)-N-heterocyclic carbene iron(II) and iron(III) complexes. Dalton Transactions, 2015, 44, 16703-16707.	3.3	9
704	Synthesis and Electronic Structure of Iron Borate Betaine Complexes as a Route to Single-Component Iron Ethylene Oligomerization and Polymerization Catalysts. Organometallics, 2015, 34, 5615-5623.	2.3	23
705	Potential Hemilabile (Imino)pyridine Palladium(II) Complexes as Selective Ethylene Dimerization Catalysts: An Experimental and Theoretical Approach. Organometallics, 2015, 34, 5647-5657.	2.3	24
706	Nitrosyl and carbene iron complexes bearing a $\text{P}^3\text{-SNS}$ thioamide pincer type ligand. Dalton Transactions, 2015, 44, 1017-1022.	3.3	13
707	Cationic Pyridine(diimine) Iron Tethered Alkene Complexes: Synthetic Models For Elusive Intermediates In Iron-Catalyzed Ethylene Polymerization. Bulletin of Japan Society of Coordination Chemistry, 2016, 67, 19-29.	0.2	4
708	Homo-Polymerization of 1-Hexene Catalysed by $\text{O}^{\text{N}}\text{N}$ (Salicylaldimine)Iron(III) Pre-Catalysts to Branched Poly(1-hexene). Catalysts, 2016, 6, 47.	3.5	2
709	$\text{P}^2\text{-Bis(arylimino)-2,3:5,6-bis(pentamethylene)pyridylcobalt Chlorides}$: Synthesis, Characterization, and Ethylene Polymerization Behavior. European Journal of Inorganic Chemistry, 2016, 2016, 1748-1755.	2.0	54
710	Employing sterically encumbered bis(imino)pyridine ligands in support of fac-rhenium(I) carbonyls. Journal of Organometallic Chemistry, 2016, 802, 27-31.	1.8	7
711	A practical ethylene polymerization for vinyl-polyethylenes: synthesis, characterization and catalytic behavior of $\text{P}^2\text{-bisimino-2,3:5,6-bis(pentamethylene)pyridyliron chlorides}$. Polymer Chemistry, 2016, 7, 4188-4197.	3.9	65
712	Pyrene bisiminopyridine ligand and its zinc complex. Molecular Crystals and Liquid Crystals, 2016, 628, 188-197.	0.9	1
713	A Tertiary Carbon-Iron Bond as an $\text{Fe}^{\text{I}}\text{Cl}$ Synthron and the Reductive Alkylation of Diphosphine-Supported Iron(II) Chloride Complexes to Low-Valent Iron. Organometallics, 2016, 35, 1643-1651.	2.3	10
714	Bimetallic nickel and palladium complexes for catalytic applications. Chemical Papers, 2016, 70, .	2.2	5

#	ARTICLE	IF	CITATIONS
715	1,2-Bis(2-dimethylamino)ethane Nickel Catalysts with Nonplanar Chelate Rings for Ethylene Polymerization. <i>Chemistry - A European Journal</i> , 2016, 22, 14048-14055.	3.3	27
716	Iron (II) complexes with hyperbranched salicylaldimine ligands: Synthesis, characterization and ethylene oligomerization. <i>Inorganica Chimica Acta</i> , 2016, 453, 369-375.	2.4	12
717	Oxygen-Induced Dimerization of Alkyl-Manganese(II) 2,6-Bis(iminopyridine) Complexes: Selective Synthesis of a New Ditopic NNN-Pincer Ligand. <i>Organometallics</i> , 2016, 35, 3336-3343.	2.3	11
718	Reactivity of (Pyridine-Diimine)Fe Alkyl Complexes with Carbon Dioxide. <i>Organometallics</i> , 2016, 35, 3658-3666.	2.3	16
719	Tandem ethylene dimerization and Friedel-Crafts alkylation of toluene catalyzed by homo- and heterogeneous nickel(II) and palladium(II) pre-catalysts. <i>Journal of Organometallic Chemistry</i> , 2016, 818, 137-144.	1.8	21
720	Structural and electronic trends for five coordinate 1 st row transition metal complexes: Mn(II) to Zn(II) captured in a bis(iminopyridine) framework. <i>Dalton Transactions</i> , 2016, 45, 14327-14334.	3.3	15
721	Di- and trinuclear iron/titanium and iron/zirconium complexes with heterocyclic ligands as catalysts for ethylene polymerization. <i>Polyhedron</i> , 2016, 118, 37-51.	2.2	11
722	Di- and trinuclear zirconium complexes as catalysts for ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , 2016, 820, 30-40.	1.8	1
723	Palladium complexes with simple iminopyridines as catalysts for polyketone synthesis. <i>Dalton Transactions</i> , 2016, 45, 14609-14619.	3.3	22
724	Thermally stable and highly active cobalt precatalysts for vinyl-polyethylenes with narrow polydispersities: integrating fused-ring and imino-carbon protection into ligand design. <i>New Journal of Chemistry</i> , 2016, 40, 8012-8023.	2.8	58
725	Frustratingly synergic effect of cobalt-nickel heterometallic precatalysts on ethylene reactivity: the cobalt and its heteronickel complexes bearing 2-methyl-2,4-bis(6-aryliminopyridin-2-yl)-1H-1,5-benzodiazepines. <i>RSC Advances</i> , 2016, 6, 72170-72176.	3.6	13
726	Quantum chemical investigation on complexation of palladium with iminopyridyl ligands: Structural, thermochemical, and electronic aspects. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 637, 53-64.	0.9	6
727	Preparation, characterization, and activity of 1 st -Ti(HPO ₄) ₂ supported metallocene catalysts. <i>Applied Surface Science</i> , 2016, 383, 126-132.	6.1	4
728	Homo- and Heterodinuclear Ir and Rh Imine-functionalized Protic NHC Complexes: Synthetic, Structural Studies, and Tautomerization/Metallotropism Insights. <i>Chemistry - A European Journal</i> , 2016, 22, 2658-2671.	3.3	12
729	Controlling the molecular weights of polyethylene waxes using the highly active precatalysts of 2-(1-aryliminoethyl)-9-arylimino-5,6,7,8-tetrahydrocycloheptapyridylcobalt chlorides: synthesis, characterization, and catalytic behavior. <i>Dalton Transactions</i> , 2016, 45, 657-666.	3.3	74
730	Spin-dependent effects in ethylene polymerization with bis(imino)pyridine iron(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 811, 48-65.	1.8	17
731	Recent developments of iron pincer complexes for catalytic applications. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 741-765.	6.0	106
732	Pyridine and related ligands in transition metal homogeneous catalysis. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016, 42, 1-18.	1.0	47

#	ARTICLE	IF	CITATIONS
733	Coordination Chemistry and Reactivity of Bis(aldimino)pyridine Nickel Complexes in Four Different Oxidation States. <i>Organometallics</i> , 2017, 36, 582-593.	2.3	13
734	Ring-Opening Polymerization of ϵ -Caprolactone Initiated by Aluminium Complexes Based on Pyridine-Substituted Asymmetric β -Diketiminato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1320-1327.	2.0	11
735	Olefin poly/oligomerizations by metal precatalysts bearing non-heterocyclic N-donor ligands. <i>Applied Catalysis A: General</i> , 2017, 535, 32-60.	4.3	12
736	Kohlenstoff-Kohlenstoff-Bindungsbildung in einem schwachen Ligandenfeld: Nutzung von Open-Shell- σ -bergangsmetallkatalysatoren der ersten σ -bergangsperiode. <i>Angewandte Chemie</i> , 2017, 129, 5252-5265.	2.0	25
737	Carbon-Carbon Bond Formation in a Weak Ligand Field: Leveraging Open-Shell First-Row Transition-Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5170-5181.	13.8	126
738	Activity and stability spontaneously enhanced toward ethylene polymerization by employing 2-(2,4-dibenzhydrylnaphthylimino)ethyl-1-(arylimino)ethyl pyridyliron(II) dichlorides. <i>Journal of Polymer Science Part A</i> , 2017, 55, 988-996.	2.3	37
739	Industrial Catalysts for Alkene Polymerization. , 2017, , .		0
740	Bis(imino)pyridine-iron(II) complexes for ethylene polymerization. <i>Polymer Science - Series B</i> , 2017, 59, 1-6.	0.8	5
741	Cobalt complexes based on hyperbranched salicylaldimine ligands as catalyst precursors for ethylene oligomerization. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3756.	3.5	6
742	Rhenium(I) Triscarbonyl Complexes with Redox-Active Amino- and Iminopyridine Ligands: Metal-Ligand Cooperation as Trigger for the Reversible Binding of CO ₂ via a Dearomatization/Rearomatization Reaction Sequence. <i>Organometallics</i> , 2017, 36, 839-848.	2.3	25
743	Recent Progress on Transition Metal (Fe, Co, Ni, Ti and V) Complex Catalysts in Olefin Polymerization with High Thermal Stability. <i>Chinese Journal of Chemistry</i> , 2017, 35, 531-540.	4.9	39
744	Synthesis, Characterization, and Magnetic Properties of Iron Complexes Bearing Polydentate Nitrogen Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 737-741.	1.2	1
745	From polyethylene waxes to HDPE using an η^2 -bis(arylimino)-2,3:5,6-bis(pentamethylene)pyridyl-chromium(κ^3) chloride pre-catalyst in ethylene polymerisation. <i>Dalton Transactions</i> , 2017, 46, 6948-6957.	3.3	53
746	Balance between Metal and Ligand Reduction in Diiminepyridine Complexes of Ti. <i>Organometallics</i> , 2017, 36, 3189-3198.	2.3	14
747	A theoretical study on the unusual square-planar structure of bis(imino)pyridine-ligated Group 13 complexes. <i>Dalton Transactions</i> , 2017, 46, 106-115.	3.3	5
748	Recent advances in Ni-mediated ethylene chain growth: Nimine-donor ligand effects on catalytic activity, thermal stability and oligo-/polymer structure. <i>Coordination Chemistry Reviews</i> , 2017, 350, 68-83.	18.8	229
749	Achieving branched polyethylene waxes by aryliminocycloocta[<i>b</i>]pyridylnickel precatalysts: Synthesis, characterization, and ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2601-2610.	2.3	19
750	Synthesis and Catalysis of Redox-Active Bis(imino)acenaphthene (BIAN) Iron Complexes. <i>ChemCatChem</i> , 2017, 9, 3203-3209.	3.7	58

#	ARTICLE	IF	CITATIONS
751	Aluminium Complexes Bearing Pyrrolide Ligand as Efficient Catalysts for Ring-Opening Polymerization of ϵ -Caprolactone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 511-515.	1.2	10
752	Bidentate iron complexes based on hyperbranched salicylaldimine ligands and their catalytic behavior toward ethylene oligomerization. <i>Transition Metal Chemistry</i> , 2017, 42, 339-346.	1.4	6
753	Origin of "Multisite-like" Ethylene Polymerization Behavior of the Single-Site Nonsymmetrical Bis(imino)pyridine Iron(II) Complex in the Presence of Modified Methylaluminoxane. <i>ACS Catalysis</i> , 2017, 7, 2868-2877.	11.2	64
754	<i>ortho</i> -Cycloalkyl substituted N,N -diaryliminoacenaphthene-Ni(η^5) catalysts for polyethylene elastomers; exploring ring size and temperature effects. <i>Dalton Transactions</i> , 2017, 46, 15684-15697.	3.3	32
755	Vinyl-Polyethylene Waxes with Narrow Dispersity Obtained by Using a Thermally Robust [Bis(imino)trihydroquinolyl]chromium Catalyst. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4158-4166.	2.0	29
756	Late transition metal catalyzed α -olefin polymerization and copolymerization with polar monomers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2487-2494.	5.9	183
758	Phosphine-Iminoquinoline Iron Complexes for Ethylene Polymerization and Copolymerization. <i>Organometallics</i> , 2017, 36, 3758-3764.	2.3	17
759	Effect of different additives and their mixtures on thermal stability of polyethylene synthesized using iron and titanocene hybrid catalysts. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45482.	2.6	0
760	2D-QSAR modeling on the catalytic activities of 2-azacycyl-6-aryliminopyridylmetal precatalysts in ethylene oligomerization. <i>Catalysis Communications</i> , 2017, 101, 40-43.	3.3	19
761	Electronic effects on the structures and catalytic properties of (pyrazol-1-yl)phenylmethanone palladium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 159-165.	1.8	1
762	Synthesis of N,N - α -X tridentate α -iminomethylpyrrole-coordinated palladium(II) complexes via $N-H$ bond activation of pyrrole moiety. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3780.	3.5	1
763	Cobalt- η^2 -diimine complexes for ethylene oligomerization. <i>Catalysis Communications</i> , 2017, 101, 85-88.	3.3	3
766	Rare earth metal bisamido complexes with an NNO tridentate ligand and catalytic activity for the selective polymerization of isoprene. <i>New Journal of Chemistry</i> , 2017, 41, 7723-7728.	2.8	10
767	Multireference Electronic Structures of Fe-Pyridine(diimine) Complexes over Multiple Oxidation States. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5932-5939.	2.5	18
768	Thermally stable α -(arylimino)benzylidene- α -(arylimino)-5,6,7,8-tetrahydro cyclohepta[b]pyridyliron(II) precatalysts toward ethylene polymerization and highly linear polyethylenes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 830-842.	2.3	44
769	Integrated synthesis of metallocene-support catalysts based on glyphosate and its zirconium derivatives. <i>RSC Advances</i> , 2017, 7, 55866-55873.	3.6	5
770	Polyethylene. , 2017, , 247-278.		46
771	Concurrently Improving the Thermal Stability and Activity of Ferrous Precatalysts for the Production of Saturated/Unsaturated Polyethylene. <i>Organometallics</i> , 2018, 37, 957-970.	2.3	61

#	ARTICLE	IF	CITATIONS
772	Preparation, characterization, DFT calculations and ethylene oligomerization studies of iron(II) complexes bearing 2-(1H-benzimidazol-2-yl)-phenol derivatives. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1180-1192.	2.2	4
773	Methylene-bridged bimetallic bis(imino)pyridine-cobaltous chlorides as precatalysts for vinyl-terminated polyethylene waxes. <i>Dalton Transactions</i> , 2018, 47, 6124-6133.	3.3	20
774	Bis(imino)pyridines Incorporating Doubly Fused Eight-Membered Rings as Conformationally Flexible Supports for Cobalt Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2018, 37, 380-389.	2.3	72
775	The Role of Alkoxide Initiator, Spin State, and Oxidation State in Ring-Opening Polymerization of ϵ -Caprolactone Catalyzed by Iron Bis(imino)pyridine Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 2064-2071.	4.0	34
776	Assessment of ten density functionals through the use of local hyperâ€softness to get insights about the catalytic activity. <i>Journal of Molecular Modeling</i> , 2018, 24, 42.	1.8	5
777	Tuning Bis(imino)pyridyl Ironâ€Catalyzed Ethylene Oligomerization by Modification of MAO with $\text{Cp}^*\text{Zr}(\text{Ph})\text{Cl}_2$. <i>Macromolecular Reaction Engineering</i> , 2018, 12, 1700061.	1.5	6
778	Regioselective Simmonsâ€Smith-type cyclopropanations of polyalkenes enabled by transition metal catalysis. <i>Chemical Science</i> , 2018, 9, 1604-1609.	7.4	28
779	Uncoupled Redox-Inactive Lewis Acids in the Secondary Coordination Sphere Entice Ligand-Based Nitrite Reduction. <i>Inorganic Chemistry</i> , 2018, 57, 9601-9610.	4.0	33
780	Carbocyclic-fused N,N,N-pincer ligands as ring-strain adjustable supports for iron and cobalt catalysts in ethylene oligo-/polymerization. <i>Coordination Chemistry Reviews</i> , 2018, 363, 92-108.	18.8	172
781	Structural analysis of imino- and amino-pyridine ligands for Ni(II):Precatalysts for the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 44-53.	1.8	10
782	Cobalt (II) complexes bearing N , N , S tridentate ligands as precatalysts for 1,3-butadiene polymerization. <i>Inorganica Chimica Acta</i> , 2018, 474, 37-43.	2.4	1
783	Electrochemistry of Ruthenium Bis(imino)pyridine Compounds: Evidence for an ECE Mechanism and Isolation of Mono and Dicationic Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 435-445.	4.0	8
784	New olefin block copolymers of ethylene/1-hexene synthesized by iron and zirconocene catalysts in the presence of ZnEt_2 . <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2523-2533.	3.6	13
785	Polymerization and Copolymerization of Olefins by Double-Decker Type Dinuclear Metal Complex Catalysts. <i>Kobunshi Ronbunshu</i> , 2018, 75, 507-514.	0.2	2
786	Influences of Fluorine Substituents on Iminopyridine Fe(II)- and Co(II)-Catalyzed Isoprene Polymerization. <i>Polymers</i> , 2018, 10, 934.	4.5	29
787	Nitro-functionalized bis(imino)pyridylferrous chlorides as thermo-stable precatalysts for linear polyethylenes with high molecular weights. <i>Polymer</i> , 2018, 159, 124-137.	3.8	50
788	Nonconjugated C_6H_4 -Di-olefin/Propylene Copolymerization to Long Chain-Branched Polypropylene by Zieglerâ€Natta Catalyst: Overcoming Steric Hindrance by Introducing an Extra Electronic Pulling Effect. <i>Macromolecules</i> , 2018, 51, 9234-9249.	4.8	18
789	Electronic Effects of the Backbone on Bis(imino)pyridyliron(II)â€Catalyzed Ethylene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4887-4892.	2.0	12

#	ARTICLE	IF	CITATIONS
790	Recent Advances in Hydrometallation of Alkenes and Alkynes via the First Row Transition Metal Catalysis. Chinese Journal of Chemistry, 2018, 36, 1075-1109.	4.9	347
791	Homogeneous Catalysis by Cobalt and Manganese Pincer Complexes. ACS Catalysis, 2018, 8, 11435-11469.	11.2	412
792	CH(phenol)-Bridged Bis(imino)pyridines as Compartmental Supports for Diiron Precatalysts for Ethylene Polymerization: Exploring Cooperative Effects on Performance. Organometallics, 2018, 37, 4002-4014.	2.3	24
793	Cycloheptyl-fused π -chromium catalysts with selectivity for vinyl-terminated polyethylene waxes: thermal optimization and polymer functionalization. Dalton Transactions, 2018, 47, 13487-13497.	3.3	28
794	Preparation of Aryloxy-aluminoxanes and Their Use as Activators in the Bis(imino)pyridyl Iron-catalyzed Oligomerization of Ethylene. Chinese Journal of Polymer Science (English Edition), 2018, 36, 1207-1216.	3.8	5
795	Neutral Bis(imino)-1,4-dihydropyridinate and Cationic Bis(imino)pyridine Ir-Alkylzinc(II) Complexes as Hydride Exchange Systems: Classic Organometallic Chemistry Meets Ligand-Centered, Biomimetic Reactivity. Organometallics, 2018, 37, 1734-1744.	2.3	10
796	Coordination aspects in Schiff bases cocrystals. Polyhedron, 2018, 155, 1-12.	2.2	31
797	Strictly linear polyethylene using Co-catalysts chelated by fused bis(arylimino)pyridines: Probing ortho-cycloalkyl ring-size effects on molecular weight. Polymer, 2018, 149, 45-54.	3.8	47
798	Actinide Pincer Chemistry. , 2018, , 133-172.		5
799	Ir-Organometallic Chemistry With 2,6-Bis(imino)pyridine Ligands. , 2018, , 539-586.		4
800	Pincer Complexes of Iron and Their Application in Catalysis. , 2018, , 327-339.		2
801	Dinuclear tethered pyridine, diimine complexes. Dalton Transactions, 2018, 47, 12105-12117.	3.3	5
802	Versatile Coordination and C-C Coupling of Diphosphine-Tethered Imine Ligands with Ni(II) and Ni(0). Inorganic Chemistry, 2018, 57, 10846-10856.	4.0	11
803	Effects of aluminoxane cocatalysts on bis(imino)pyridine iron-catalyzed ethylene oligomerization. Canadian Journal of Chemical Engineering, 2019, 97, 903-910.	1.7	4
804	Cocatalyst effects on the thermal stability/activity of π -Co ethylene polymerization Catalysts Bearing Fluoro-substituted π -dibenzhydrylphenyl groups. Applied Organometallic Chemistry, 2019, 33, e5134.	3.5	24
805	Exceptionally high molecular weight linear polyethylene by using π -Co catalysts appended with a π -bis(di(4-fluorophenyl)methyl)-nitrophenyl group. Applied Organometallic Chemistry, 2019, 33, e5157.	3.5	13
806	Finely Tuned π -Bis(arylimino)-2,3:5,6-bis(pentamethylene)pyridine-Based Practical Iron Precatalysts for Targeting Highly Linear and Narrow Dispersive Polyethylene Waxes with Vinyl Ends. Organometallics, 2019, 38, 4455-4470.	2.3	33
807	Highly Active Iminopyridyl Iron-Based Catalysts for the Polymerization of Isoprene. Molecules, 2019, 24, 3024.	3.8	20

#	ARTICLE	IF	CITATIONS
808	Iminoimidazole-based Co(II) and Fe(II) complexes: Syntheses, characterization, and catalytic behaviors for isoprene polymerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 767-775.	2.3	24
809	Controlled isoprene polymerization mediated by iminopyridine-iron (II) acetylacetonate pre-catalysts. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4836.	3.5	22
810	Catalytic performance of bis(imino)pyridine Fe/Co complexes toward ethylene polymerization by 2D-3D QSPR modeling. <i>Journal of Computational Chemistry</i> , 2019, 40, 1374-1386.	3.3	14
811	Branched polyethylenes attainable using thermally enhanced bis(imino)acenaphthene-nickel catalysts: Exploring the effects of temperature and pressure. <i>Applied Catalysis A: General</i> , 2019, 573, 73-86.	4.3	33
812	Catalytic ethylene oligomerization on cobalt(II) bis(imino)pyridine complexes bearing electron-withdrawing groups. <i>Journal of Organometallic Chemistry</i> , 2019, 884, 55-58.	1.8	16
813	Challenge of Using Practical DFT to Model Fe Pendant Donor Diimine Catalyzed Ethylene Oligomerization. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3727-3739.	3.1	8
814	Bis(imino)pyridines fused with 6- and 7-membered carbocyclic rings as π -N-scaffolds for cobalt ethylene polymerization catalysts. <i>Dalton Transactions</i> , 2019, 48, 2582-2591.	3.3	42
815	Achievement of strictly linear ultra-high molecular weight polyethylene with narrow dispersity by dint of nitro-enhanced 2,6-bis(imino)pyridylchromium chloride complexes. <i>New Journal of Chemistry</i> , 2019, 43, 11307-11315.	2.8	7
816	Activity and Thermal Stability of Cobalt(II)-Based Olefin Polymerization Catalysts Adorned with Sterically Hindered Dibenzocycloheptyl Groups. <i>Molecules</i> , 2019, 24, 2007.	3.8	22
817	π -gem-Dimethyl-substituted bis(imino)dihydroquinolines as thermally stable supports for highly active cobalt catalysts that produce linear PE waxes. <i>Dalton Transactions</i> , 2019, 48, 8175-8185.	3.3	23
818	1,5-Naphthyl-linked bis(imino)pyridines as binucleating scaffolds for dicobalt ethylene oligo-/polymerization catalysts: exploring temperature and steric effects. <i>Dalton Transactions</i> , 2019, 48, 8264-8278.	3.3	19
819	Bis(arylimino)pyridyl cobalt catalysts for copolymerization of buta-1,3-diene with ethene. <i>Polymer</i> , 2019, 175, 195-205.	3.8	9
820	Substantially enhancing the catalytic performance of π -bis(imino)pyridylcobaltous chloride pre-catalysts adorned with benzhydryl and nitro groups for ethylene polymerization. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4857.	3.5	33
821	Synthesis and characterization of aminopyridine iron(π) chloride catalysts for isoprene polymerization: sterically controlled monomer enchainment. <i>Dalton Transactions</i> , 2019, 48, 7862-7874.	3.3	25
822	Discrete iron-based complexes: Applications in homogeneous coordination-insertion polymerization catalysis. <i>Coordination Chemistry Reviews</i> , 2019, 390, 127-170.	18.8	43
823	Aluminium(π) dialkyl 2,6-bisimino-4- π -dihydropyridinates(π): selective synthesis, structure and controlled dimerization. <i>Dalton Transactions</i> , 2019, 48, 9104-9116.	3.3	4
824	Enhancing thermostability of iron ethylene polymerization catalysts through π -N-chelation of doubly fused π -bis(arylimino)-2,3:5,6-bis(hexamethylene)pyridines. <i>Catalysis Science and Technology</i> , 2019, 9, 1933-1943.	4.1	37
825	The molecular and electronic structure of an unusual cobalt NNO pincer ligand complex. <i>Dalton Transactions</i> , 2019, 48, 7378-7387.	3.3	3

#	ARTICLE	IF	CITATIONS
826	Producing highly linear polyethylenes by using t-butyl- functionalized 2,6-bis(imino)pyridylchromium(III) chlorides. Journal of Polymer Science Part A, 2019, 57, 1049-1058.	2.3	8
827	Highly Linear Polyethylenes Achieved Using Thermo-Stable and Efficient Cobalt Precatalysts Bearing Carbocyclic-Fused NNN-Pincer Ligand. Molecules, 2019, 24, 1176.	3.8	30
828	Pyridine(diimine) Chelate Hydrogenation in a Molybdenum Nitrido Ethylene Complex. Organometallics, 2019, 38, 1682-1687.	2.3	13
829	Recent advances in homogeneous chromium catalyst design for ethylene tri-, tetra-, oligo- and polymerization. Coordination Chemistry Reviews, 2019, 385, 208-229.	18.8	101
830	Selective Ethylene Oligomerization. Organometallics, 2019, 38, 997-1010.	2.3	93
831	Selectivity Effects on N_2 , N_2O , N_2H_4 -Cobalt Catalyzed Ethylene Dimerization/Trimerization Dictated through Choice of Aluminoxane Cocatalyst. Organometallics, 2019, 38, 1143-1150.	2.3	30
832	Olefin Polymerization and Copolymerization Catalyzed by Dinuclear Catalysts Having Macrocyclic Ligands. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2019, 77, 1136-1146.	0.1	2
833	Steric and electronic modulation of iron catalysts as a route to remarkably high molecular weight linear polyethylenes. Dalton Transactions, 2019, 48, 17488-17498.	3.3	25
834	Synthesis, Photophysical, Thermal and Crystallographic Studies of 3-Aminocoumarin Based Monobasic N_3O -tridentate / N_2O -bidentate Schiff Base Divalent Complexes. ChemistrySelect, 2019, 4, 14244-14252.	1.5	4
835	Cobalt-Pincer Complexes in Catalysis. Chemistry - A European Journal, 2019, 25, 122-143.	3.3	140
836	Recent advances in thermally robust, late transition metal-catalyzed olefin polymerization. Polymer International, 2019, 68, 14-26.	3.1	42
837	A comparative kinetic study of ethylene polymerization mediated by iron, cobalt and chromium catalysts bearing the same N,N,N-bis(imino)trihydroquinoline. Journal of Catalysis, 2019, 369, 1-9.	6.2	11
838	Effects of Methylaluminoxane Modifications on Tuning the Bis(Imino)Pyridyl Iron-Catalyzed Oligomerization of Ethylene. Polymer Engineering and Science, 2019, 59, 1010-1016.	3.1	5
839	Synthesis, characterization, electrochemical properties and theoretical calculations of (BIAN) iron complexes. Polyhedron, 2019, 159, 365-374.	2.2	9
840	Structural characteristics of redox-active pyridine-1,6-diimine complexes: Electronic structures and ligand oxidation levels. Coordination Chemistry Reviews, 2019, 380, 287-317.	18.8	77
841	Interdependent Metal-Metal Bonding and Ligand Redox-Activity in a Series of Dinuclear Macrocyclic Complexes of Iron, Cobalt, and Nickel. Inorganic Chemistry, 2020, 59, 4200-4214.	4.0	27
842	Copper(II) complexes containing pyridine-based and phenolate-based systems: Synthesis, characterization, DFT study, biomimetic catalytic activity of catechol oxidase and phenoxazinone synthase. Journal of the Chinese Chemical Society, 2020, 67, 135-151.	1.4	7
843	Iminodiacetate complex of cobalt(II) - Structure, physicochemical characteristics, biological properties and catalytic activity for 2-chloro-2-propen-1-ol oligomerization. Polyhedron, 2020, 175, 114168.	2.2	10

#	ARTICLE	IF	CITATIONS
844	Probing the effect of <i>ortho</i> -cycloalkyl ring size on activity and thermostability in cycloheptyl-fused <i>N,N,N'</i> -iron ethylene polymerization catalysts. Dalton Transactions, 2020, 49, 136-146.	3.3	31
845	Octahedral Iron Complexes of Pyrazine(diimine) Pincers: Ligand Electronic Effects and Protonation. Inorganic Chemistry, 2020, 59, 15228-15239.	4.0	4
846	Achieving strictly linear polyethylenes by the <i>NNN</i> -Fe precatalysts finely tuned with different sizes of <i>ortho</i> -cycloalkyl substituents. Applied Organometallic Chemistry, 2020, 34, e5937.	3.5	15
847	Iron(II) Complexes of Chiral Tridentate Nitrogen Donors and their Application in Catalytic Hydrosilylation Reactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 968-977.	1.2	1
848	Modular O- vs. N-coordination of pyridylidene amide ligands to iron determines activity in alcohol oxidation catalysis. Dalton Transactions, 2020, 49, 17674-17682.	3.3	5
849	Comparison of the Reactivity and Structures for the Neutral and Cationic Bis(imino)pyridyl Iron and Cobalt Species by DFT Calculations. Catalysts, 2020, 10, 1396.	3.5	6
850	Reactions of BCl ₃ with Diiminopyridine Ligands. European Journal of Inorganic Chemistry, 2020, 2020, 2955-2957.	2.0	3
851	The electronic effects on unsymmetrical Bis(imino)pyridyl iron(ii) catalyzed ethylene polymerization. Journal of Organometallic Chemistry, 2020, 923, 121457.	1.8	6
852	Nickel Catalyzed Olefin Oligomerization and Dimerization. Chemical Reviews, 2020, 120, 7919-7983.	47.7	128
853	Redox-Active Pincer Ligands. Topics in Organometallic Chemistry, 2020, , 135.	0.7	0
854	Adjusting Ortho-Cycloalkyl Ring Size in a Cycloheptyl-Fused N,N,N'-Iron Catalyst as Means to Control Catalytic Activity and Polyethylene Properties. Catalysts, 2020, 10, 1002.	3.5	16
855	Co(σ) complexes with a tetradentate phenanthroline-based PNNP ligand as a potent new metal-ligand cooperation platform. Dalton Transactions, 2020, 49, 14592-14597.	3.3	7
856	6-Arylimino-2-(2-(1-phenylethyl)naphthalen-1-yl)-iminopyridylmetal (Fe and Co) Complexes as Highly Active Precatalysts for Ethylene Polymerization: Influence of Metal and/or Substituents on the Active, Thermostable Performance of Their Complexes and Resultant Polyethylenes. Molecules, 2020, 25, 4244.	3.8	12
857	New microsphere cobalt complex: preparation and catalytic consideration for the synthesis of some heterocyclic compounds. ChemistrySelect, 2020, 5, 15130-15136.	1.5	2
858	Double-Linear Insertion Mode of η^5 -Dienes Enabled by Thio-imino-quinoline Iron Catalyst. ACS Catalysis, 2020, 10, 15092-15103.	11.2	7
859	Hydroamination of isocyanates and isothiocyanates by alkaline earth metal initiators supported by a bulky iminopyrrolyl ligand. New Journal of Chemistry, 2020, 44, 9419-9428.	2.8	8
860	4,4'-Difluorobenzhydryl-modified bis(imino)-pyridyliron(σ) chlorides as thermally stable precatalysts for strictly linear polyethylenes with narrow dispersities. Dalton Transactions, 2020, 49, 7384-7396.	3.3	25
861	Synthesis and Characterization of Soft-Bridged Iminopyridyl Iron and Cobalt Complexes and Their Catalytic Behavior toward Ethylene Oligomerization. Russian Journal of Physical Chemistry A, 2020, 94, 1024-1033.	0.6	4

#	ARTICLE	IF	CITATIONS
862	Bis-cycloheptyl-fused bis(imino)pyridine-cobalt catalysts for PE wax formation: positive effects of fluoride substitution on catalytic performance and thermal stability. Dalton Transactions, 2020, 49, 9425-9437.	3.3	29
863	Assessing 1,9-Decadiene/Propylene Copolymerization with Ziegler-Natta Catalysts to Long-Chain-Branched Polypropylene. Industrial & Engineering Chemistry Research, 2020, 59, 12038-12047.	3.7	15
864	A comprehensive study on highly active pentiptyceny-substituted bis(imino)pyridyl iron(II) mediated ethylene polymerization. European Polymer Journal, 2020, 128, 109605.	5.4	8
865	High molecular weight polyethylenes of narrow dispersity promoted using bis(arylimino)cyclohepta[<i>b</i>]pyridine-cobalt catalysts <i>ortho</i> -substituted with benzhydryl & cycloalkyl groups. Dalton Transactions, 2020, 49, 4774-4784.	3.3	22
866	Structural Differences and Redox Properties of Unsymmetric Diiron PDIxCy Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 499-505.	2.0	1
867	Synthesis, structures, photophysical properties, and catalytic characteristics of 2,9-dimesityl-1,10-phenanthroline (dmesp) transition metal complexes. Journal of Polymer Science, 2020, 58, 1130-1143.	3.8	8
868	Alkyl substituents triggered an unexpected formation of mono- and dinuclear zirconium hydrazonate complexes: synthesis, characterization and their catalytic behavior toward ethylene polymerization. Applied Organometallic Chemistry, 2020, 34, e5586.	3.5	5
869	Bis(imino)pyrazine-Supported Iron Complexes: Ligand-Based Redox Chemistry, Dearomatization, and Reversible C=C Bond Formation. Inorganic Chemistry, 2020, 59, 2604-2612.	4.0	16
870	Synthesis of characteristic polyisoprenes using rationally designed iminopyridyl metal (Fe and Co) precatalysts: investigation of co-catalysts and steric influence on their catalytic activity. New Journal of Chemistry, 2020, 44, 8076-8084.	2.8	17
871	Catechol oxidase and phenoxazinone synthase mimicking activity, X-ray diffraction and density function theory study of pyridine and phenolate-based manganese(II) and iron(III) complexes: Synthesis and spectroscopic characterization. Journal of the Chinese Chemical Society, 2020, 67, 1387-1407.	1.4	4
872	Study of supported catalysts, prepared via binding of Fe(II) bis(imino)pyridyl complex with silica, modified by alumina: Effect of surface Lewis acidic sites on catalyst composition and activity in ethylene polymerization. Molecular Catalysis, 2020, 486, 110878.	2.0	9
873	Revisiting the 2-imino-1,10-phenanthrolylmetal precatalyst in ethylene oligomerization: Benzhydryl-modified cobalt(II) complexes and their dimerization of ethylene. Polyhedron, 2021, 193, 114865.	2.2	6
874	Fluorinated cobalt catalysts and their use in forming narrowly dispersed polyethylene waxes of high linearity and incorporating vinyl functionality. Catalysis Science and Technology, 2021, 11, 656-670.	4.1	17
876	Post-functionalization of narrowly dispersed PE waxes generated using tuned N,N'-cobalt ethylene polymerization catalysts substituted with ortho-cycloalkyl groups. Polymer, 2021, 213, 123294.	3.8	12
877	Electrochemical Kinetic Study of [Cp*Rh] Complexes Supported by Bis(2-pyridyl)methane Ligands. Organometallics, 2021, 40, 266-277.	2.3	4
878	Redox-Active Ligands in Organometallic Chemistry. , 2021, , .		1
879	Doubly fused <i>N</i> , <i>N</i> , <i>N</i> -iron ethylene polymerization catalysts appended with fluoride substituents; probing catalytic performance <i>via</i> a combined experimental and MLR study. Catalysis Science and Technology, 2021, 11, 4605-4618.	4.1	8
880	Catalytic oligomerization and polymerization of ethylene with complexes of iron triad metals: influence of metal nature and new prospects. Russian Chemical Reviews, 2022, 91, RCR5021.	6.5	12

#	ARTICLE	IF	CITATIONS
881	Homogeneous aluminum and iron catalysts for the synthesis of organic molecules and biodegradable polymers. , 2021, , 3-43.		0
882	Rational Design of Cycloheptyl-Fused Bis(arylimino)pyridyl-Cobalt(II) Precatalysts Adorned with Sterically and Electronically Modified Aryls for Enhancing Ethylene Polymerization. European Journal of Inorganic Chemistry, 2021, 2021, 720-733.	2.0	8
883	Enhancing Ethylene Polymerization of NNN-Cobalt(II) Precatalysts Adorned with a Fluoro-substituent. ACS Omega, 2021, 6, 4448-4460.	3.5	11
884	The benzhydryl-modified 2-imino-1,10-phenanthrolyliron precatalyst in ethylene oligomerization. Journal of Organometallic Chemistry, 2021, 936, 121713.	1.8	4
885	Investigations on the Ethylene Polymerization with Bisarylimine Pyridine Iron (BIP) Catalysts. Catalysts, 2021, 11, 407.	3.5	6
886	Exploring ortho-(4,4'-dimethoxybenzhydryl) substitution in iron ethylene polymerization catalysts: Co-catalyst effects, thermal stability, and polymer molecular weight variations. Applied Organometallic Chemistry, 2021, 35, e6259.	3.5	14
887	Iron-Catalyzed Trimerization of Terminal Alkynes Enabled by Pyrimidinediimine Ligands: A Regioselective Method for the Synthesis of 1,3,5-Substituted Arenes. ACS Catalysis, 2021, 11, 5593-5600.	11.2	24
888	Enhancing Performance of a Bis(arylimino)pyridine-Iron Precatalyst for Ethylene Polymerization by Substitution with a 2,4-Bis(4,4'-dimethoxybenzhydryl)-6-methylphenyl Group. European Journal of Inorganic Chemistry, 2021, 2021, 1571-1580.	2.0	8
889	Thermally resilient cobalt ethylene polymerization catalysts under the joint influence of co-catalyst, gem-dimethyl substitution and ortho-cycloalkyl ring size. Polymer, 2021, 222, 123684.	3.8	9
890	Ligand-Induced Product Switching between 4-Methyl-1-pentene and 2-Methyl-1-pentene in Bis(imino)pyridine/IV(III)-Catalyzed Propylene Dimerization: Cossee-Arman Versus Metallacycle Mechanism. Organometallics, 2021, 40, 1682-1691.	2.3	3
891	High Double Bond Content of Polyisoprene Synthesis via Cationic Polymerization Synergistically Catalyzed by Tf ₂ NH-Ionic Liquids. Macromolecules, 2021, 54, 6109-6116.	4.8	8
892	Boosting activity, thermostability, and lifetime of iron ethylene polymerization catalysts through gem-dimethyl substitution and incorporation of ortho-cycloalkyl substituents. Applied Organometallic Chemistry, 2021, 35, e6376.	3.5	5
893	Cat-CrNP as new material with catalytic properties for 2-chloro-2-propen-1-ol and ethylene oligomerizations. Scientific Reports, 2021, 11, 15212.	3.3	6
894	Integrating Ring-Size Adjustable Cycloalkyl and Benzhydryl Groups as the Steric Protection in Bis(arylimino)trihydroquinoline-Cobalt Catalysts for Ethylene Polymerization. European Journal of Inorganic Chemistry, 2021, 2021, 3956.	2.0	1
895	±-Bis(imino)-2,3:5,6-bis(pentamethylene)pyridines appended with benzhydryl and cycloalkyl substituents: Probing their effectiveness as tunable N,N,N'-supports for cobalt ethylene polymerization catalysts. Applied Organometallic Chemistry, 2021, 35, e6429.	3.5	6
896	Iron-Catalyzed Reductive Cyclization by Hydromagnesiation: A Modular Strategy Towards N-Heterocycles. Angewandte Chemie - International Edition, 2021, 60, 22345-22351.	13.8	6
897	Iron-Catalyzed Reductive Cyclization by Hydromagnesiation: A Modular Strategy Towards N-Heterocycles. Angewandte Chemie, 2021, 133, 22519-22525.	2.0	1
898	Ligand-regulated polymerization of conjugated dienes catalyzed by confined iminopyridine iron complexes with high activity and thermal stability. Polymer Testing, 2021, 102, 107317.	4.8	12

#	ARTICLE	IF	CITATIONS
899	Unique reactivity of an α -ketiminopyridine ligand with metal-alkyls: Synthesis and ROP of ϵ -caprolactone. New Journal of Chemistry, 2021, 45, 3800-3808.	2.8	0
900	Remote dibenzocycloheptyl substitution on a bis(arylimino)pyridyl-iron ethylene polymerization catalyst; enhanced thermal stability and unexpected effects on polymer properties. Polymer Chemistry, 2021, 12, 4214-4225.	3.9	14
902	Catalysts Supported on Magnesium Chloride. , 0, , 151-169.		1
903	Olefin Polymerization Using Homogeneous Group IV Metallocenes. , 0, , 149-179.		4
905	Prediction of catalytic activities of bis(imino)pyridine metal complexes by machine learning. Journal of Computational Chemistry, 2020, 41, 1064-1067.	3.3	7
906	Methylene-bridged bis(8-arylimino)-5,6,7-trihydroquinolylnickel precatalysts for ethylene polymerization. Journal of Polymer Science, 2020, 58, 1675-1686.	3.8	8
907	Cycloheptyl-fused NNO-ligands as electronically modifiable supports for M(II) (M = Co, Fe) chloride precatalysts; probing performance in ethylene oligo/polymerization. Journal of Polymer Science Part A, 2017, 55, 3980-3989.	2.3	23
908	Insertion and H_2 -Hydrogen Transfer at Aluminium. Structure and Bonding, 2003, , 141-165.	1.0	15
909	Iron-Based and Cobalt-Based Olefin Polymerisation Catalysts. Topics in Organometallic Chemistry, 2008, , 107.	0.7	1
910	Iron-Based and Cobalt-Based Olefin Polymerisation Catalysts. Topics in Organometallic Chemistry, 2009, , 107-158.	0.7	63
911	Recent Progress in Late Transition Metal α -Diimine Catalysts for Olefin Polymerization. Topics in Organometallic Chemistry, 2009, , 179-220.	0.7	89
912	Development of Supported Single-Site Catalysts and Produced Polyethylene. , 1999, , 381-396.		14
913	Copolymerization of Ethylene/ α -Hydroxy α -Olefins. , 1999, , 576-583.		4
914	d π -p π Interaction Between Transition Metals and Ancillary Ligands in Polymerization Catalysis. Springer Series in Chemical Physics, 2002, , 243-264.	0.2	1
915	NNN-type iron(II) complexes consisting sterically hindered dibenzocycloheptyl group: Synthesis and catalytic activity towards ethylene polymerization. Molecular Catalysis, 2020, 492, 110981.	2.0	17
916	Achieving polydisperse HDPE by $\text{Ni}(\text{DPPF})_2$ -Co precatalysts appended with $\text{Ni}(\text{DPPF})_2$ -2,4-bis(di(4-methoxyphenyl)methyl)-6-methylphenyl. RSC Advances, 2020, 10, 43400-43411.	3.6	9
917	Crystal structure of Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1595-1598.	0.5	1
918	Stereoselective Propylene Polymerization with Early and Late Transition Metal Catalysts. , 2007, , 157-168.		1

#	ARTICLE	IF	CITATIONS
919	Homo- and Co-polymerization of Ethylene with 1-Hexene Using Heterogeneous Catalysts Consisting of Bis(imino)pyridinevanadium Complex Supported on Clay Minerals and Alkyl Aluminum Compounds. Journal of the Japan Petroleum Institute, 2011, 54, 108-113.	0.6	1
920	Symmetrically and unsymmetrically substituted bis(pyrazole)-palladium(II) and nickel(II) halides as Pre-catalysts for ethylene dimerization and Friedel-Crafts alkylation of toluene and benzene. South African Journal of Chemistry, 2016, 69, .	0.6	5
921	Fusing Carbocycles of Inequivalent Ring Size to a Bis(imino)pyridine-Iron Ethylene Polymerization Catalyst: Distinctive Effects on Activity, PE Molecular Weight, and Dispersity. Research, 2019, 2019, 9426063.	5.7	11
922	Investigating Branched Polyethylene Sensors for Applications in Prosthetics. Macromolecular Chemistry and Physics, 2021, 222, 2100206.	2.2	4
923	Selective ethylene oligomerization based on Fe-containing metal-organic coordination polymer catalysts. Journal of Organometallic Chemistry, 2021, 956, 122128.	1.8	3
924	Mössbauer spectroscopy and nuclear inelastic scattering studies on polynuclear oxo-bridged iron catalysts—first results. , 2008, , 1121-1127.		0
925	THE MECHANISM OF FORMING BIMODAL POLYETHYLENE BY BIS(IMINO)PYRIDYL IRON(II) PRECATALYST WITH TRIETHYLALUMINUM. Acta Polymerica Sinica, 2013, 013, 1172-1176.	0.0	0
926	NMR and EPR Spectroscopy in the Study of the Mechanisms of Metallocene and Post-Metallocene Polymerization and Oligomerization of 1±Olefins. , 2017, , 127-218.		0
927	Chemically robust and readily available quinoline-based PNN iron complexes: application in C—H borylation of arenes. Chemical Communications, 2021, 57, 13246-13258.	4.1	8
928	Vanadium-catalyzed Olefin Oligomerization, Polymerization and Copolymerization. RSC Catalysis Series, 2020, , 400-416.	0.1	0
929	Accessing Low Oxidation-state Iron Catalysts; Iron-catalysed Reductive Functionalisation. RSC Catalysis Series, 2020, , 246-260.	0.1	2
930	Long-Range Metal—Ligand Cooperation by Iron Hydride Complexes Bearing a Phenanthroline-Based Tetradentate PNNP Ligand. Organometallics, 2021, 40, 3697-3702.	2.3	3
931	Recent Progress in Late Transition Metal ±Diimine Catalysts for Olefin Polymerization. Topics in Organometallic Chemistry, 2008, , .	0.7	0
932	Extensive Redox Non-Innocence in Iron Bipyridine-Diimine Complexes: a Combined Spectroscopic and Computational Study. Inorganic Chemistry, 2021, 60, 18296-18306.	4.0	3
933	Ring size enlargement in an ortho-cycloalkyl-substituted bis(imino)pyridine-cobalt ethylene polymerization catalyst and its impact on performance and polymer properties. Applied Organometallic Chemistry, 2022, 36, e6529.	3.5	8
934	Phosphorous-substituted redox-active ligands in base metal hydrosilylation catalysis. Dalton Transactions, 2021, 50, 15973-15977.	3.3	6
935	Bis(imino)-6,7-dihydro-5H-quinoline-cobalt complexes as highly active catalysts for the formation of vinyl-terminated PE waxes; steps towards inhibiting deactivation pathways through targeted ligand design. RSC Advances, 2021, 11, 39869-39878.	3.6	3
936	An outlook on the applications of pincer-metal complexes in catalytic dehydrogenation chemistry. , 2022, , 191-220.		1

#	ARTICLE	IF	CITATIONS
937	Investigating the Effects of Para-methoxy Substitution in Sterically Enhanced Unsymmetrical Bis(arylimino)pyridine-cobalt Ethylene Polymerization Catalysts. Chinese Journal of Polymer Science (English Edition), 2022, 40, 266-279.	3.8	5
938	Polymerisation of styrene using pincer type amine functionalized azo aromatic complexes of Co(η^5 -Cp*) as catalysts. Dalton Transactions, 2022, 51, 1454-1463.	3.3	6
939	Application of pincer metal complexes in catalytic transformations. , 2022, , 1-68.		0
940	Application and prospect of machine learning in polyolefin catalysts. Chinese Science Bulletin, 2022, 67, 1870-1880.	0.7	5
941	Redox Activity of Iron Diazine-Diimine Carbonyl and Dinitrogen Complexes: A Comparative Study of the Influence of the Heterocyclic Ring. Inorganic Chemistry, 2022, 61, 520-532.	4.0	7
942	Fluorinated 2,6-bis(arylimino)pyridyl iron complexes targeting bimodal dispersive polyethylenes: probing chain termination pathways <i>via</i> a combined experimental and DFT study. Dalton Transactions, 2022, 51, 8290-8302.	3.3	7
943	Investigating the Reactions of BiCl ₃ , a Diiminopyridine Ligand, and Trimethylsilyl Trifluoromethanesulfonate. Organometallics, 2022, 41, 1197-1203.	2.3	2
944	Metal-Ligand Cooperativity in Iron Dinitrogen Complexes: Proton-Coupled Electron Transfer Disproportionation and an Anionic Fe(0)N ₂ Hydride. Inorganic Chemistry, 2022, 61, 7426-7435.	4.0	5
945	Modulating Thermostability and Productivity of Benzhydryl-Substituted Bis(imino)pyridine-Iron C ₂ H ₄ Polymerization Catalysts through <i>ortho</i> -C _n H _{2n+1} (n=5, 6, 8, 12) Ring Size Adjustment. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	7
946	4,4'-Dimethoxybenzhydryl substituent augments performance of bis(imino)pyridine cobalt-based catalysts in ethylene polymerization. RSC Advances, 2022, 12, 15741-15750.	3.6	3
948	CF ₃ O-Functionalized Bis(arylimino)pyridine-Cobalt Ethylene Polymerization Catalysts: Harnessing Solvent Effects on Performance and Polymer Properties. Organometallics, 2022, 41, 3237-3248.	2.3	10
949	Structural evolution of iminopyridine support for nickel/palladium catalysts in ethylene (oligo)polymerization. Dalton Transactions, 2022, 51, 14375-14407.	3.3	33
950	Cobalt catalysts bearing <i>ortho</i> -(4,4'-dichlorobenzhydryl) substituents and their use in generating narrowly dispersed polyethylene of high linearity. European Journal of Inorganic Chemistry, 2022, .	2.0	2
951	Catalytic Performance of Cobalt(II) Polyethylene Catalysts with Sterically Hindered Dibenzopyranyl Substituents Studied by Experimental and MLR Methods. Molecules, 2022, 27, 5455.	3.8	2
952	Thio-imino-tetrahydroacridine Iron Complexes for Ethylene Polymerization. Organometallics, 2022, 41, 3115-3121.	2.3	1
953	New Ways for Controlling the Molecular-Weight Characteristics and Branching Distribution in Polyethylene Obtained over Supported Catalysts Containing Bis(imino)pyridyl Complexes of Fe(II) and Bis(imine) Complexes of Ni(II). Kataliz V Promyshlennosti, 2022, 22, 27-39.	0.3	0
954	2-(Arylimino)benzylidene-8-arylimino-5,6,7-trihydroquinoline Cobalt(II) Dichloride Polymerization Catalysts for Polyethylenes with Narrow Polydispersity. Catalysts, 2022, 12, 1119.	3.5	2
955	Exploring fluoride effects in sterically enhanced cobalt ethylene polymerisation catalysts; a combined experimental and DFT study. RSC Advances, 2022, 13, 14-24.	3.6	0

#	ARTICLE	IF	CITATIONS
957	Unusual Effect of α -olefins as Chain Transfer Agents in Ethylene Polymerization over the Catalyst with Nonsymmetrical Bis(imino)pyridine Complex of Fe(II) and Modified Methylalumoxane (MMAO) Cocatalyst. International Journal of Molecular Sciences, 2022, 23, 14384.	4.1	0
958	Thermally Stable and Highly Efficient N,N,N-Cobalt Olefin Polymerization Catalysts Affixed with N-2,4-Bis(Dibenzosuberyl)-6-Fluorophenyl Groups. Catalysts, 2022, 12, 1569.	3.5	0
959	Recent progress on the tridentate iron complex catalysts for ethylene oligo-/polymerization. Advances in Organometallic Chemistry, 2023, , 41-86.	1.0	10
960	All-polyethylene compositions of ultrahigh molecular weight polyethylene (UHMWPE) synthesized in one-step ethylene polymerization with combinations of zirconocene and iron-based catalysts. Iranian Polymer Journal (English Edition), 2023, 32, 523-531.	2.4	1
961	Electrochemical Behaviour of Transition Metal Complexes. , 2011, , 248-334.		0
962	Metal Catalyzed Polymerization: From Stereoregular Poly(α -olefins) to Tailor-Made Biodegradable/Biorenewable Polymers and Copolymers. European Journal of Inorganic Chemistry, 0, , .	2.0	1
963	Progress in the catalyst for ethylene/ α -olefin copolymerization at high temperature. Canadian Journal of Chemical Engineering, 2023, 101, 4992-5019.	1.7	4
964	Unimodal polyethylenes of high linearity and narrow dispersity by using <i>ortho</i> -4,4'-dichlorobenzhydryl-modified bis(imino)pyridyl-iron catalysts. New Journal of Chemistry, 2023, 47, 5786-5795.	2.8	3
965	The greener side of polymers in the light of d-block metal complexes as precatalysts. Coordination Chemistry Reviews, 2023, 484, 215122.	18.8	3
966	Bimolecular Reductive Elimination of Ethane from Pyridine(diimine) Iron Methyl Complexes: Mechanism, Electronic Structure, and Entry into [2+2] Cycloaddition Catalysis. Journal of the American Chemical Society, 2023, 145, 5061-5073.	13.7	4
967	Dibenzosuberyl substituents suppressing chain transfer in Bis(imino)pyridyl Iron(II) catalyzed ethylene polymerization. Polymer, 2023, 273, 125868.	3.8	2
968	Thermally Stable Redox Noninnocent Bathocuproine-Iron Complex for Cycloaddition Reactions. ACS Catalysis, 2023, 13, 4882-4893.	11.2	5
969	Alkylaluminum/Urea Hybrid Cocatalysts and Their Use in Iron-Catalyzed Oligomerization of Ethylene. Macromolecular Reaction Engineering, 2023, 17, .	1.5	1
970	Iron ethylene polymerization catalysts incorporating trifluoromethoxy functionality: Effects on PE molecular weight and productivity. Journal of Organometallic Chemistry, 2023, 994, 122740.	1.8	1
971	Iron Pivalate Complexes Containing PNN Pincer Ligand: Synthesis and Application to Dehydrogenative Hydrosilane Coupling. Organometallics, 0, , .	2.3	0
972	Progress of Ring-Opening Polymerization of Cyclic Esters Catalyzed by Iron Compounds. Organometallics, 2023, 42, 1680-1692.	2.3	10
973	<i>C₂S</i> -Symmetric Pyridine(diimine) Iron Methyl Complexes for Catalytic [2+2] Cycloaddition and Hydrovinylolation: Metallacycle Geometry Determines Selectivity. JACS Au, 2023, 3, 2007-2024.	7.9	3
974	Structurally Rigid (8-(Arylimino)-5,6,7-trihydroquinolin-2-yl)-methyl Acetate Cobalt Complex Catalysts for Isoprene Polymerization with High Activity and cis-1,4 Selectivity. Catalysts, 2023, 13, 1120.	3.5	7

#	ARTICLE	IF	CITATIONS
975	CpTiCl ₃ /MAO-catalyzed polymerization and copolymerization with isoprene and [3]dendralene derivatives. <i>Polymer Journal</i> , 0, , .	2.7	0
976	High Temperature Iron Ethylene Polymerization Catalysts Bearing N, N, Nâ€™-2-(1-(2,4-Dibenzhydryl-6-fluorophenylimino)ethyl)-6-(1-(arylphenylimino)ethyl)pyridines. <i>Chinese Journal of Polymer Science (English Edition)</i> , 0, , .	3.8	0
977	Nitro and 4,4â€™-flourobenzhydryl functionalized bis(imino)pyridine-cobalt complexes for high molecular weight linear polyethylenes. <i>Polymer</i> , 2023, 285, 126384.	3.8	0
978	New Ways of Controlling the Molecular Mass Characteristics and Distribution of Branches for Polyethylene Synthesized over Supported Catalysts Containing Fe(II) Bis(imino)pyridyl and Ni(II) Bis(imine) Complexes. <i>Catalysis in Industry</i> , 2023, 15, 267-277.	0.7	0
979	Quinoline Pyridine(Imine) Iron Complexes as Catalysts for the 1,4-Hydrovinylation of 1,3-Dienes. <i>Organometallics</i> , 0, , .	2.3	0
980	Exploring Long Range para-Phenyl Effects in Unsymmetrically Fused bis(imino)pyridine-Cobalt Ethylene Polymerization Catalysts. <i>Catalysts</i> , 2023, 13, 1387.	3.5	1
981	Diazines and Triazines as Building Blocks in Ligands for Metal-Mediated Catalytic Transformations. <i>ACS Organic & Inorganic Au</i> , 2024, 4, 41-58.	4.0	0
982	Cycloheptyl-Fused Iminopyridine-Iron Catalysts for Isoprene Polymerization with Enhanced Activity and Thermal Stability. <i>Organometallics</i> , 2023, 42, 3307-3318.	2.3	2
983	Highâˆ™ molecular weight poly(2-substituted 1,3-diene)s using iminopyridine iron precatalysts at high polymerization temperature and low iron loading. <i>Polymer</i> , 2023, 288, 126452.	3.8	0
984	Coordinative Chain Transfer and Chain Shuttling Polymerization. <i>Chemical Reviews</i> , 2024, 124, 210-244.	47.7	3
985	Enhancing isoprene polymerization with high activity and adjustable monomer enchainment using cyclooctyl-fused iminopyridine iron precatalysts. <i>Dalton Transactions</i> , 2024, 53, 753-764.	3.3	0
986	Research Progress of Iron Catalysts with N,N,Nâ€™-tridentate Ligands for Ethylene Polymerization. <i>ChemistrySelect</i> , 2024, 9, .	1.5	0
987	Bimodal and Highly Branched Polyethylenes Using Dual-Site Nickel Catalysts Supported on an Unsymmetrical BIAN-PI Compartmental Ligand Scaffold. <i>Macromolecules</i> , 2024, 57, 1087-1105.	4.8	0
988	Mono- and bi-nuclear phosphine-phenolate neutral nickel catalysts via simple Schiff-Base condensation for ethylene polymerization. <i>Journal of Catalysis</i> , 2024, 432, 115413.	6.2	0
989	Effect of ligand structure and metal center on ethylene oligomerization with N, Nâ€™ Schiff base late transition complexes: experiments and calculations. <i>Journal of Coordination Chemistry</i> , 2024, 77, 392-408.	2.2	0
990	Non-Symmetrically Fused Bis(arylimino)pyridines with para-Phenyl Substitution: Exploring Their Use as Nâ€™,N,Nâ€™-Supports in Iron Ethylene Polymerization Catalysis. <i>Catalysts</i> , 2024, 14, 213.	3.5	0