

Wen-Hua Sun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Iron and Cobalt Ethylene Polymerization Catalysts Bearing 2,6-Bis(Imino)Pyridyl Ligands: Synthesis, Structures, and Polymerization Studies. <i>Journal of the American Chemical Society</i> , 1999, 121, 8728-8740.	13.7	1,011
2	Novel olefin polymerization catalysts based on iron and cobalt. <i>Chemical Communications</i> , 1998, , 849-850.	4.1	990
3	Bis(imino)pyridines: Surprisingly Reactive Ligands and a Gateway to New Families of Catalysts. <i>Chemical Reviews</i> , 2007, 107, 1745-1776.	47.7	776
4	Self-Supported Catalysts. <i>Chemical Reviews</i> , 2009, 109, 322-359.	47.7	524
5	Oligomerisation of Ethylene by Bis(imino)pyridyliron and -cobalt Complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 2221-2231.	3.3	333
6	Catalytic Hydrogenation of Cyclic Carbonates: A Practical Approach from CO ₂ and Epoxides to Methanol and Diols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13041-13045.	13.8	317
7	Highly Efficient Ruthenium-Catalyzed N-Formylation of Amines with H ₂ and CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6186-6189.	13.8	284
8	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
9	2,6-Dibenzhydryl-(2-phenyliminoacenaphthylenylidene)-4-methylbenzenamine Nickel Dibromides: Synthesis, Characterization, and Ethylene Polymerization. <i>Organometallics</i> , 2011, 30, 2418-2424.	2.3	192
10	Progression of Diiminopyridines: From Single Application to Catalytic Versatility. <i>ACS Catalysis</i> , 2015, 5, 4713-4724.	11.2	186
11	Cationic alkyl aluminium ethylene polymerization catalysts based on monoanionic N,N,N-pyridyliminoamide ligands. <i>Chemical Communications</i> , 1998, , 2523-2524.	4.1	176
12	Intramolecularly Dinuclear Magnesium Complex Catalyzed Copolymerization of Cyclohexene Oxide with CO ₂ under Ambient CO ₂ Pressure: Kinetics and Mechanism. <i>Macromolecules</i> , 2006, 39, 128-137.	4.8	176
13	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
14	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
15	Recent progress on nickel-based systems for ethylene oligo-/polymerization catalysis. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 717-741.	1.8	165
16	Iron Complexes Bearing 2-Imino-1,10-phenanthrolyl Ligands as Highly Active Catalysts for Ethylene Oligomerization. <i>Organometallics</i> , 2006, 25, 666-677.	2.3	161
17	Tailoring iron complexes for ethylene oligomerization and/or polymerization. <i>Dalton Transactions</i> , 2013, 42, 8988-8997.	3.3	159
18	From model compounds to protein binding: syntheses, characterizations and fluorescence studies of [RuII(bipy)(terpy)L] ₂ +complexes (bipy = 2,2'-bipyridine; terpy = 2,2':6''':2''-terpyridine; L = imidazole, pyrazole) <i>Tj</i> 15, 1000-1009	15.0	110

#	ARTICLE	IF	CITATIONS
19	Nickel complex pre-catalysts in ethylene polymerization: new approaches to elastomeric materials. <i>Catalysis Science and Technology</i> , 2013, 3, 1172.	4.1	150
20	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
21	Synthesis, Characterization, and Ethylene Oligomerization and Polymerization of Ferrous and Cobaltous 2-(Ethylcarboxylato)-6-iminopyridyl Complexes. <i>Organometallics</i> , 2004, 23, 5037-5047.	2.3	140
22	Vinyl Polymerization of Norbornene with Neutral Salicylaldiminato Nickel(II) Complexes. <i>Organometallics</i> , 2003, 22, 3678-3683.	2.3	133
23	Chromium(III) complexes bearing N,N-chelate ligands as ethene polymerization catalysts. <i>Chemical Communications</i> , 1998, , 1651-1652.	4.1	131
24	Synthesis, Characterization and Ethylene Oligomerization Studies of Nickel Complexes Bearing 2-Benzimidazolylpyridine Derivatives. <i>Organometallics</i> , 2007, 26, 2439-2446.	2.3	128
25	Synthesis, Characterization, and Ethylene Oligomerization and Polymerization of [2,6-Bis(2-benzimidazolyl)pyridyl]chromium Chlorides. <i>Organometallics</i> , 2006, 25, 1961-1969.	2.3	127
26	Nickel (II) complexes bearing 2-ethylcarboxylate-6-iminopyridyl ligands: synthesis, structures and their catalytic behavior for ethylene oligomerization and polymerization. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1570-1580.	1.8	121
27	Bis(imino)pyridyl iron and cobalt complexes: the effect of nitrogen substituents on ethylene oligomerisation and polymerisation. <i>Dalton Transactions RSC</i> , 2001, , 1639-1644.	2.3	120
28	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
29	Rhodium-Complex-Catalyzed Hydroformylation of Olefins with CO ₂ and Hydrosilane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 310-313.	13.8	117
30	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
31	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
32	Late transition metal complexes bearing 2,9-bis(imino)-1,10-phenanthrolyl ligands: synthesis, characterization and their ethylene activity. <i>Journal of Organometallic Chemistry</i> , 2002, 658, 62-70.	1.8	114
33	2-Arylimino-9-phenyl-1,10-phenanthrolyl-iron, -cobalt and -nickel Complexes: Synthesis, Characterization and Ethylene Oligomerization Behavior. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5584-5598.	2.0	114
34	Conjugated Ligands Modulated Sandwich Structures and Luminescence Properties of Lanthanide Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2011, 50, 5242-5248.	4.0	114
35	A Ruthenium Catalyst with Unprecedented Effectiveness for the Coupling Cyclization of β -Amino Alcohols and Secondary Alcohols. <i>ACS Catalysis</i> , 2016, 6, 1247-1253.	11.2	111
36	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

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37	Machine Learning in Catalysis, From Proposal to Practicing. ACS Omega, 2020, 5, 83-88.	3.5	108
38	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. Polymer, 2012, 53, 130-137.	3.8	105
39	2-(1-Isopropyl-2-benzimidazolyl)-6-(1-aryliminoethyl)pyridyl transition metal (Fe, Co, and Ni) dichlorides: Syntheses, characterizations and their catalytic behaviors toward ethylene reactivity. Journal of Organometallic Chemistry, 2008, 693, 1829-1840.	1.8	103
40	A five-coordinate chromium alkyl complex stabilised by salicylaldiminato ligands. Dalton Transactions RSC, 2000, , 1969-1971.	2.3	102
41	Recent advances in homogeneous chromium catalyst design for ethylene tri-, tetra-, oligo- and polymerization. Coordination Chemistry Reviews, 2019, 385, 208-229.	18.8	101
42	Synthesis, characterisation and ethylene oligomerization behaviour of N-(2-substituted-5,6,7-trihydroquinolin-8-ylidene)arylammonickel dichlorides. New Journal of Chemistry, 2011, 35, 178-183.	2.8	98
43	2-(1-(2-Benzhydrylnaphthylimino)ethyl)pyridylnickel halides: synthesis, characterization, and ethylene polymerization behavior. Dalton Transactions, 2014, 43, 423-431.	3.3	97
44	2-(1-(Arylimino)ethyl)-8-arylimino-5,6,7-trihydroquinoline Iron(II) Chloride Complexes: Synthesis, Characterization, and Ethylene Polymerization Behavior. Organometallics, 2012, 31, 5039-5048.	2.3	96
45	Enhancing the Activity and Thermal Stability of Nickel Complex Precatalysts Using 1-[2,6-Bis(bis(4-fluorophenyl)methyl)-4-methyl phenylimino]-2-aryliminoacenaphthylene Derivatives. Organometallics, 2015, 34, 582-590.	2.3	96
46	Synthesis, Characterization, and Ethylene Oligomerization of Nickel Complexes Bearing N-((Pyridin-2-yl)methylene)quinolin-8-amine Derivatives. Organometallics, 2007, 26, 4781-4790.	2.3	95
47	Synthesis, characterization and ethylene oligomerization studies of nickel complexes bearing 2-imino-1,10-phenanthrolines. Journal of Organometallic Chemistry, 2006, 691, 4196-4203.	1.8	94
48	Synthesis, characterization and ethylenepolymerization behavior of nickel dihalide complexes bearing bulky unsymmetrical 1 \pm -diimine ligands. Catalysis Science and Technology, 2012, 2, 415-422.	4.1	94
49	2-[1-(2,6-Dibenzhydryl-4-chlorophenylimino)ethyl]-6-[1-(arylimino)ethyl]pyridyliron(II) dichlorides: Synthesis, characterization and ethylene polymerization behavior. Polymer, 2012, 53, 1870-1880.	3.8	93
50	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. Dalton Transactions, 2013, 42, 9188.	3.3	93
51	Developments in compartmentalized bimetallic transition metal ethylene polymerization catalysts. Coordination Chemistry Reviews, 2018, 372, 101-116.	18.8	93
52	Synthesis and characterization of novel nickel(ii) complexes bearing N,P ligands and their catalytic activity in ethylene oligomerization. New Journal of Chemistry, 2002, 26, 1474-1478.	2.8	92
53	Zirconocene-Mediated Intramolecular Carbon-Carbon Bond Formation of Two Alkynyl Groups of Bis(alkynyl)silanes. Journal of the American Chemical Society, 1997, 119, 12842-12848.	13.7	91
54	N-(5,6,7-Trihydroquinolin-8-ylidene)arylammonickel dichlorides as highly active single-site pro-catalysts in ethylene polymerization. Dalton Transactions, 2011, 40, 8436.	3.3	91

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55	2,6-Dibenzhydryl-N-(2-phenyliminoacenaphthylidene)-4-chloro-aniline nickel dihalides: Synthesis, characterization and ethylene polymerization for polyethylenes with high molecular weights. <i>Journal of Organometallic Chemistry</i> , 2013, 725, 37-45.	1.8	91
56	Synthesis and Characterization of Tridentate Nickel Complexes Bearing Pâ€³Nâ€³N and Pâ€³Nâ€³P Ligands and Their Catalytic Property in Ethylene Oligomerization. <i>Organometallics</i> , 2006, 25, 236-244.	2.3	89
57	Ultra-high molecular weight elastomeric polyethylene using an electronically and sterically enhanced nickel catalyst. <i>Polymer Chemistry</i> , 2017, 8, 6416-6430.	3.9	89
58	Highly Regio- and Enantioselective Alkoxy carbonylative Amination of Terminal Allenes Catalyzed by a Spiroketal-Based Diphosphine/Pd(II) Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 15346-15349.	13.7	88
59	Elastomeric polyethylenes accessible via ethylene homo-polymerization using an unsymmetrical Î±-diimino-nickel catalyst. <i>Polymer Chemistry</i> , 2017, 8, 2785-2795.	3.9	87
60	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
61	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
62	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
63	Iron(II) complexes ligated by 2-imino-1,10-phenanthrolines: Preparation and catalytic behavior toward ethylene oligomerization. <i>Journal of Molecular Catalysis A</i> , 2007, 269, 85-96.	4.8	84
64	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
65	Chiral Cyclohexyl-Fused Spirobiindanes: Practical Synthesis, Ligand Development, and Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10374-10381.	13.7	84
66	Synthesis and characterization of iron and cobalt dichloride bearing 2-quinoxalanyl-6-iminopyridines and their catalytic behavior toward ethylene reactivity. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4506-4518.	1.8	83
67	Enhancing the Activity and Thermal Stability of Iron Precatalysts Using 2-((1-((2,6-bis(bis(4-fluorophenyl)methyl)â€”methylphenylimino)ethyl)â€”1-(arylimino)ethyl)pyridin-2-yl) Macromolecular Chemistry and Physics, 2012, 213, 1266-1273.		82
68	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
69	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
70	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
71	Solution processed inorganic V2O _x as interfacial function materials for inverted planar-heterojunction perovskite solar cells with enhanced efficiency. <i>Nano Research</i> , 2016, 9, 2960-2971.	10.4	81
72	Spiro-2,2â€²-bichroman-based bisoxazoline (SPANbox) ligands for ZnII-catalyzed enantioselective hydroxylation of Î²-keto esters and 1,3-diesters. <i>Chemical Science</i> , 2011, 2, 1141.	7.4	80

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73	Ferrous and Cobaltous Chlorides Bearing 2,8-Bis(imino)quinolines: Highly Active Catalysts for Ethylene Polymerization at High Temperature. <i>Organometallics</i> , 2010, 29, 1168-1173.	2.3	79
74	2-(1-Aryliminoethyl)-9-arylimino-5,6,7,8-tetrahydrocycloheptapyridyl iron dichloride: synthesis, characterization, and the highly active and tunable active species in ethylene polymerization. <i>Dalton Transactions</i> , 2014, 43, 16818-16829.	3.3	79
75	Palladium-Catalyzed Asymmetric Construction of Vicinal Tertiary and All-Carbon Quaternary Stereocenters by Allylation of α -Ketocarboxyls with Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5050-5054.	13.8	79
76	Unsymmetric bimetal(II) complexes: Synthesis, structures and catalytic behaviors toward ethylene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5307-5316.	1.8	78
77	2-Oxazoline/benzoxazole-1,10-phenanthroline metal (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
78	Our variations on iron and cobalt catalysts toward ethylene oligomerization and polymerization. <i>Comptes Rendus Chimie</i> , 2008, 11, 307-316.	0.5	77
79	Nickel(II) Complexes Chelated by 2-Arylimino-6-benzoxazolylpyridine: Syntheses, Characterization, and Ethylene Oligomerization. <i>Organometallics</i> , 2008, 27, 5641-5648.	2.3	77
80	N-(5,6,7-Trihydroquinolin-8-ylidene)-2-benzhydrylbenzenaminonickel halide complexes: synthesis, characterization and catalytic behavior towards ethylene polymerization. <i>Dalton Transactions</i> , 2012, 41, 1617-1623.	3.3	76
81	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
82	Recent progress in the application of group 1, 2 & 13 metal complexes as catalysts for the ring opening polymerization of cyclic esters. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2619-2652.	6.0	76
83	Methylene-bridged bimetallic μ -diimino nickel(II) complexes: synthesis and high efficiency in ethylene polymerization. <i>Dalton Transactions</i> , 2013, 42, 9176.	3.3	75
84	Synthesis and characterization of 2-(2-benzhydrylnaphthyliminomethyl)pyridylnickel halides: formation of branched polyethylene. <i>Dalton Transactions</i> , 2014, 43, 3339-3346.	3.3	75
85	Synthesis, Characterization, and Ethylene Polymerization Behavior of 8-(Nitroarylamino)-5,6,7-trihydroquinolylnickel Dichlorides: Influence of the Nitro Group and Impurities on Catalytic Activity. <i>ACS Catalysis</i> , 2011, 1, 1213-1220.	11.2	74
86	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
87	Influence of electronic effect on catalytic activity of salicylaldiminato nickel(II) complexes. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4765-4774.	2.3	72
88	Nickel Complexes Bearing 2-(Benzimidazol-2-yl)-1,10-phenanthrolines: Synthesis, Characterization and Their Catalytic Behavior Toward Ethylene Oligomerization. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3816-3826.	2.0	72
89	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
90	Ring-tension adjusted ethylene polymerization by aryliminocycloheptapyridyl nickel complexes. <i>Dalton Transactions</i> , 2015, 44, 14281-14292.	3.3	72

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91	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
92	Dimethylaluminium aldiminophenolates: synthesis, characterization and ring-opening polymerization behavior towards lactides. <i>Dalton Transactions</i> , 2012, 41, 11587.	3.3	71
93	Recent advancements in N-ligated group 4 molecular catalysts for the (co)polymerization of ethylene. <i>Coordination Chemistry Reviews</i> , 2020, 411, 213254.	18.8	71
94	Synthesis and characterization of organoaluminum compounds containing quinolin-8-amine derivatives and their catalytic behaviour for ring-opening polymerization of μ -caprolactone. <i>Dalton Transactions</i> , 2009, , 9000.	3.3	69
95	Manganese-catalyzed <i>anti</i> -selective Asymmetric Hydrogenation of β -substituted α -ketoamides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15565-15569.	13.8	67
96	Ethylene oligomerization promoted by group 8 metal complexes containing 2-(2-pyridyl)quinoxaline ligands. <i>Catalysis Communications</i> , 2002, 3, 405-410.	3.3	66
97	Spacially Confined M ₂ Centers (M = Fe, Co, Ni, Zn) on a Sterically Bulky Binucleating Support: Synthesis, Structures and Ethylene Oligomerization Studies. <i>Inorganic Chemistry</i> , 2006, 45, 9890-9900.	4.0	66
98	Palladium-catalyzed Asymmetric Allylic Allylation of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1116-1119.	13.8	66
99	Synthesis and characterisation of neutral dialkylaluminium complexes stabilised by salicylaldimino ligands, and their conversion to monoalkylaluminium cations. <i>Dalton Transactions RSC</i> , 2001, , 1472-1476.	2.3	65
100	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
101	BINOLate-Magnesium Catalysts for Enantioselective Hetero-Diels-Alder Reaction of Danishefsky's Diene with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2248-2254.	2.4	65
102	A practical ethylene polymerization for vinyl-polyethylenes: synthesis, characterization and catalytic behavior of β -bisimino-2,3:5,6-bis(pentamethylene)pyridyliron chlorides. <i>Polymer Chemistry</i> , 2016, 7, 4188-4197.	3.9	65
103	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
104	Cobalt and Nickel Complexes Bearing Pyrazolyliminophosphorane Ligands: Synthesis, Characterisation and Catalytic Ethylene Oligomerisation Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4895-4902.	2.0	64
105	β -Benzoxazolyl- β -[β -(arylimino)ethyl]pyridyliron(II) Chlorides as Ethylene Oligomerization Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4149-4156.	2.0	64
106	β -(2,6-dibenzhydryl- β -fluorophenylimino)- β -aryliminoacenaphthylnickel halides highly polymerizing ethylene for the polyethylenes with high branches and molecular weights. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1369-1378.	2.3	64
107	Advancing polyethylene properties by incorporating NO ₂ moiety in 1,2-bis(arylimino)acenaphthylnickel precatalysts: synthesis, characterization and ethylene polymerization. <i>Dalton Transactions</i> , 2017, 46, 6934-6947.	3.3	64
108	Origin of β -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

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109	Practical Asymmetric Catalytic Synthesis of Spiroketals and Chiral Diphosphine Ligands. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2900-2907.	4.3	63

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127	Synthesis and characterisation of alkylaluminium benzimidazolates and their use in the ring-opening polymerisation of μ -caprolactone. Dalton Transactions, 2010, 39, 9912.	3.3	56
128	A new family of two-dimensional lanthanide(III) coordination polymers: synthesis, structures and properties of $[\text{Ln}(\text{SIP})(\text{H}_2\text{O})_4]_n$ (Ln=Eu, Gd, Ce, and $\text{NaH}_2\text{SIP}=5$ -sulfoisophthalic acid monosodium salt). Inorganic Chemistry Communication, 2002, 5, 230-234.	3.9	55
129	Preparation and characterization of acylhydrazone nickel(II) complexes and their catalytic behavior in vinyl polymerization of norbornene and oligomerization of ethylene. Journal of Molecular Catalysis A, 2005, 231, 221-233.	4.8	55
130	Synthesis of palladium complexes containing 2-methoxycarbonyl-6-aminopyridine ligand and their catalytic behaviors in reaction of ethylene and norbornene. Journal of Organometallic Chemistry, 2006, 691, 4759-4767.	1.8	55
131	Temperature Dependence of the Activity of a Late Transition Metal Catalyst by Molecular Modeling. Macromolecular Theory and Simulations, 2002, 11, 1006-1012.	1.4	54
132	Syntheses, Structures, and Fluorescent Properties of 2-(1H-Imidazol-2-yl)phenols and Their Neutral Zn(II) Complexes. Inorganic Chemistry, 2009, 48, 9133-9146.	4.0	54
133	Dichlorocobalt(II) Complexes Ligated by Bidentate 8-(Benzoimidazol-2-yl)quinolines: Synthesis, Characterization, and Catalytic Behavior toward Ethylene. Organometallics, 2011, 30, 4847-4853.	2.3	54
134	Iron-oriented ethylene oligomerization and polymerization: The Iron Age or a flash in the pan. Comptes Rendus Chimie, 2011, 14, 851-855.	0.5	54
135	Tailoring Polyethylenes by Nickel Complexes Bearing Modified 1-(2-Benzhydrylnaphthylimino)-2-phenyliminoacenaphthylene Derivatives. Organometallics, 2014, 33, 7223-7231.	2.3	54
136	$\text{[Co}^{\text{II}}\text{]}_2$ -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
137	Recent developments in vanadium-catalyzed olefin coordination polymerization. Coordination Chemistry Reviews, 2020, 416, 213332.	18.8	54
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